

OFFICE OF THE
EXECUTIVE ENGINEER EDUCATION WORKS DIVISION SANGHAR
(Govt. Boys PSSSS Degree College (Hostel Block) Sanghar Ph: 0235-541918
Email: ewdsgr@gmail.com)

No. TC/G-55/ 946

of 2018 Sanghar

Dated: 19 / 02 / 2018

To,

The Director of Information,
(Advertisement),
Public Relation Department, Govt. of Sindh,
Karachi.

SUBJECT:- PUBLICATION OF INVITING TENDERS.

Enclosed please find herewith (07-Copies) of Notice Inviting Tenders of Construction of School Buildings in District Sanghar for publication in three leading Daily Newspapers, Sindhi, Urdu & English. Further it is certified that advertisement charges for the relevant advertisement should met out of the development/ non-development budget, which is available in the current financial year 2017-2018.

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
SANGHAR

C.C to :

- 1/- The Director Information (Advertisement) Relation Sindh Directorate Block No. 96 Sindh Karachi, for publication in three leading News Papers English, Urdu & Sindhi (07 copies NIT enclosed)
- 2/- The Director (CB) Sindh Public Procurement Regularity Authority (SPPRA) Barrack No. 8 Secretariate A4 Court Road Karachi.
- 3/- The Chief Engineer Education Works Sukkur for information.
- 4/- The Deputy Commissioner Sanghar for information.
- 5/- The Superintending Engineer, Education Works Circle Shaheed Benazirabad.
- 6/- The Executive Engineer all under Superintending Engineer Education Works Circle Shaheed Benazirabad for information.
- 7/- The Assistant Engineer(all) under Executive Engineer, Education Works Division Sanghar
- 8/- Copy to Notice Board / C.B/ D.B (Local).

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
SANGHAR

SPPRA INWARD DIARY

NO : 5970

DATED 19-02-2018

OFFICE OF THE
EXECUTIVE ENGINEER EDUCATION WORKS DIVISION SANGHAR
(Govt. Boys PSSSS Degree College (Hostel Block) Sanghar Ph: 0235-541918
Email: ewdsgr@gmail.com)

No. TC/G-55/ 946

of 2018 Sanghar

Dated: 19 / 02 / 2018

NOTICE INVITING TENDERS

Sealed tenders are invited on Standard Bidding Documents from interested contractors / firms for the following works as per SPPRa Rules 2010.

S.#	Name of Scheme / School	Estimated Cost	Earnest Money (5%)	Tender Fee	Completion Period
	<u>Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools District Sanghar (191-Units) 2017-18 Programme</u>				
1	<u>Package-1 Taluka Sanghar</u> GGPS. Nizamani Para GBPS. Nizamani Para	8.816	440800	3000	05- Months
2	<u>Package-2 Taluka Sanghar</u> GBPS. S.S.S.S Sanghar GBPS. District Jail Sanghar GBPS. Shahmir Panhwar Colony	7.984	399200	3000	05- Months
3	<u>Package-3 Taluka Sanghar</u> GGPS. Shahmir Khan Panhwar GBPS. Shahmir Khan Panhwar GBPS. Town No: 02 Sanghar	8.587	429350	3000	05- Months
4	<u>Package-4 Taluka Sanghar</u> GGLSS. Molvi Khair Muhammad GBPS. Town No: 01 Sanghar	6.426	321300	3000	05- Months
5	<u>Package-5 Taluka Sanghar</u> GGPS. Housing Society Sanghar GGPS. Sir Syed GGPS. Shaheed-e-Millat GGPS. Allama Iqbal	8.143	407150	3000	05- Months
6	<u>Package-6 Taluka Sanghar</u> GGPS. Urdu Sanghar GGPS. Chak No: 40 GBLSS. Kachery Colony	8.609	430450	3000	05- Months
7	<u>Package-7 Taluka Sanghar</u> GBPS. Yousif Ji Mian GBPS. Madad Ali Rind	7.251	362550	3000	05- Months
8	<u>Taluka Sanghar</u> GBPS. Police Line Sanghar	9.162	458100	3000	05- Months
9	<u>Taluka Sanghar</u> GGPS. K.G Sanghar	8.199	409950	3000	05- Months
10	<u>Package-8 Taluka Khipro</u> GBPS. Saleh Abad GBPS. Atta Muhammad Hingorjo GBPS. Khani Rajar	9.576	478800	3000	05- Months
11	<u>Package-9 Taluka Khipro</u> GGPS. Khipro-I GGLSS. Khipro	6.300	315000	3000	05- Months

S.#	Name of Scheme / School	Estimated Cost	Earnest Money (5%)	Tender Fee	Completion Period
12	Package-10 Taluka Khipro GBPS. Sindhi Hathungo GBPS. Ranaho	8.546	427300	3000	05- Months
13	Package-11 Taluka Khipro GBPS. Abdullah Nohri GBPS. Allah bux Mughal	9.017	450850	3000	05- Months
14	Taluka Khipro GBPS. Urdu Town Khipro	5.673	283650	3000	05- Months
15	Package-12 Taluka Sinjhor GBPS. Pir Shahnawaz Qureshi GGPS. Urdu Sinjhor	9.083	454150	3000	05- Months
16	Package-13 Taluka Sinjhor GBPS. Fazul Muhammad Duskani GBPS. Deh-40 Jamarao	9.998	499900	3000	05- Months
17	Package-14 Taluka Sinjhor GBPS. Jhol Sindhi GGPS. Abbas Abad	9.987	499350	3000	05- Months
18	Package-15 Taluka Sinjhor GBPS. Ismail Pur GBPS. Deh-32 jamarao	9.397	469850	3000	05- Months
19	Package-16 Taluka Sinjhor GBPS. Urdu Jhol GGPS. Sindhi Jhol	9.668	483400	3000	05- Months
20	Package-17 Taluka Sinjhor GBPS. Ghudan GGPS. Deh-39	8.456	422800	3000	05- Months
21	Package-18 Taluka Sinjhor GBPS. Rais Altaf Hussain Rind GBPS. Deh-22 Jamarao	7.276	363800	3000	05- Months
22	Taluka Sinjhor GBPS. Mureed Keerio	7.528	376400	3000	05- Months
23	Package-19 Taluka Shahdadpur GBPS Sahib khan Nizamani GBPS Khabar Gaho GGPS Qazi Amir Akhtar Shahdadpur	9.089	454450	3000	05- Months
24	Taluka Shahdadpur GBPS Ghualm Muhammad Leghari	9.268	463400	3000	05- Months
25	Package-20 Taluka Shahdadpur GBPS Shah Abdul Latif GBPS Mazar Khan Brohi at Gulshan Town Shahdadpur	9.010	450500	3000	05- Months
26	Package-21 Taluka Shahdadpur GBPS Lakhadino Subhopoto GBLSS Ch Mohammad Hanif	9.516	475800	3000	05- Months
27	Taluka Shahdadpur GBPS Essa Makrani	5.451	272550	3000	05- Months
28	Taluka Shahdadpur GBPS Sher Khan Leghari	5.763	288150	3000	05- Months

S.#	Name of Scheme / School	Estimated Cost	Earnest Money (5%)	Tender Fee	Completion Period
29	Taluka Shahdadpur GBPS Jalal Noonari	8.884	444200	3000	05- Months
30	Package-22 Taluka Shahdadpur GBPS Maldasi GBPS Khudadad Kapri GGLSS Niswan Shahdadpur	9.771	488550	3000	05- Months
31	Package-23 Taluka Shahdadpur GBPS Islamia Urdu Shahdadpur GBPS Dr.Abdul Majeed Chhuto GBPS Rehmania Shahdadpur	8.471	423550	3000	05- Months
32	Package-24 Taluka Shahdadpur GBPS Mughal Para Shahdadpur GGPS Sindhi Shahdadpur	9.601	480050	3000	05- Months
33	Taluka Shahdadpur GBPS Mehran Town	19.000	950000	3000	05- Months
34	Taluka Shahdadpur GBPS Sindhi Shahdadpur	10.217	510850	3000	05- Months
35	Package-25 Taluka Shahdadpur GGPS Mai Sohni Nagar Shahdadpur GBPS Fazkurullah Shah	8.510	425500	3000	05- Months
36	Package-26 Taluka Shahdadpur GGPS Bahadur Kalo GBPS Baqa Dahri	8.908	445400	3000	05- Months
37	Package-27 Taluka Shahdadpur GBPS Rais Brohi GBPS Sarhari GBPS Khan Rind	9.865	493250	3000	05- Months
38	Taluka Tando Adam GBPS. Sindhi Main	9.623	481150	3000	05- Months
39	Taluka Tando Adam GBPS. Urdu Main	6.908	345400	3000	05- Months
40	Taluka Tando Adam GGPS. Juman Shah	10.338	516900	3000	05- Months
41	Taluka Tando Adam GBPS. Makhdoom Nooh	8.385	419250	3000	05- Months
42	Package-28 Taluka Tando Adam GGPS. Urdu Main GGLSS. Bibi Aisha	13.806	690300	3000	05- Months
43	Package-29 Taluka Tando Adam GBPS. Hassan Ali Afandi GGLSS. Makhdoom Nooh	8.069	403450	3000	05- Months
44	Taluka Tando Adam GBPS. Mohammadi	7.810	390500	3000	05- Months
45	Package-30 Taluka Tando Adam GGPS. Sindhi Main GPS. New Mohammadi GBPS. Mohammad Lorian	8.060	403000	3000	05- Months
46	Package-31 Taluka Tando Adam GBPS. Mulla Mukhan GBPS. Sher Mohammad Dero	8.561	428050	3000	05- Months

S.#	Name of Scheme / School	Estimated Cost	Earnest Money (5%)	Tender Fee	Completion Period
47	Taluka Tando Adam GBPS. Buxo Nizamani	7.343	367150	3000	05- Months
48	Taluka Tando Adam GBPS. Sanjar Khan Junejo	9.152	457600	3000	05- Months
49	Package-32 Taluka Tando Adam GBPS. Subhanallah GBPS. Peru Faqir Shoro	8.146	407300	3000	05- Months
50	Taluka Tando Adam GBPS. Khuda Bux Khoso	6.236	311800	3000	05- Months
51	Taluka Tando Adam GBPS. Mitho Khoso	6.443	322150	3000	05- Months
52	Package-33 Taluka Tando Adam GBPS. Qaim Makrani GBPS. Sutiari	7.741	387050	3000	05- Months
53	Package-34 Taluka Tando Adam GBPS. Bago Wadadani GBPS. Duthro Sharif	10.592	529600	3000	05- Months
54	Taluka Tando Adam GBPS. Mirza Qaleech Baig	7.741	387050	3000	05- Months
55	Taluka Tando Adam GPS. Hyder Khan Mari	8.785	439250	3000	05- Months
56	Taluka Jam Nawaz Ali. GBPS Nauabad	11.400	570000	3000	05- Months
57	Taluka Jam Nawaz Ali. GBPS Jam Nawaz Ali	7.849	392450	3000	05- Months
58	Package-35 Taluka Jam Nawaz Ali GBPS Sindhi Berani GBPS Urdu Berani	9.092	454600	3000	05- Months
59	Package-36 Taluka Jam Nawaz Ali GBPS Rassol Bux Kaloi GBPS Ali Muhammad Kaloi	8.531	426550	3000	05- Months
60	Package-37 Taluka Jam Nawaz Ali GBPS Haji Rasheed Mari GBPS Sobho Khan Wassan GGPS Berani (Urdu)	9.727	486350	3000	05- Months
<u>Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Secondary Schools District Sanghar (06-Units) 2017-18 Programme</u>					
61	Taluka Sinjhor GBHS. Rukan Burira	10.147	507350	3000	05- Months
62	Taluka Tando Adam GBHS. Jamia Millia	13.032	651600	3000	05- Months
63	Taluka Tando Adam GBHS. Tayyab Thahim	6.693	334650	3000	05- Months

2 Eligibility: Valid Registration with Income Tax, Sales Tax, Sindh Revenue Board, Pakistan Engineering Council in relevant category and Inspectorate of Electrical Licence for electric work.

3 Method of Procurement (Single Stage Single Envelope).

- 4 Annual Financial Turnover of last three years in the shape of Bank Statement showing at least Rs.10,000 Million transaction in each year.
- Bidder should have successfully completed at least two contracts of value of Rs. 10,000 million each of civil work during last two years specially related to structural works. That should be submitted with related work order and performance certificate from the clients.
- 5 The **Bid Security 5%** (five percent) of bid amount shall be submitted in the shape of call deposit / pay order issued from any scheduled Bank of Pakistan in favour of undersigned at the time of submission of bidding documents containing full name, complete address, telephone number, fax number & e-mail of the organization.
- 6
- 7 Undertaking on stamp paper of Rs. 200/- that firm is not involved in any litigation, abandonment of any work in the Department or previously black listed by the Government, Semi Government and Autonomous Bodies.
- 8 Undertaking regarding list of Partner/Partnership Deed with Director / Proprietor etc with complete information along with Power of Attorney / Sole Proprietor.
- 9 **Only one firm / bidder** will be allowed to participate for maximum 3 Nos. of Packages.
- 10 Undertaking on stamp paper that information submitted by Bidder / Firm is correct and if found misleading at any stage, the work awarded will be cancelled.
- 11 Bidding / Tender Documents.
- Issuance** : Documents will be issued from date of 1st publication in the newspapers & from date of hoisting on SPPRA Website up to **12.03.2018**.
 - Submission** : Last date will be **13.03.2018 up to 01.00 pm**.
 - Opening** : will be on **13.03.2018 up to 02.00 pm**.
 - Un-responded tenders** will be again issued / submitted / opened on following dates.
2nd Attempt Issue date from : **14.03.2018 to 27.03.2018**
 Submission date : **28.03.2018 at 01:00 p.m**
 Opening date : **28.03.2018 at 02:00 p.m**
- 12 **Terms & Conditions:**
- Under following conditions bid will be rejected.
 - Conditional, In-complete and telegraphic bids / tenders.
 - Bids not accompanied by bid security and form.
 - Bids received after specified date and time.
 - Bids of black listed firms.
 - Bids received without information of technical staff working with firm.
 - Bids received without list of Machinery & Equipment available with documents evidence of its ownership & certificate of Bank showing the credit worthiness along with Bank Statement.
 - If the undersigned or any member of the Procurement Committee remains out of head quarter on date of opening of tenders, the same will be opened on the next working day at the same time as mentioned above.
 - The bidder must submit Bank Certificate showing the actual name of Bidder / Firm maintaining his / their account therein.
 - Procurement Agency reserves the right to reject all or any bids subject to the relevant provisions of Sindh Public Procurement Rules 2010.


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

ANNUAL PROCUREMENT PLAN

OFFICE OF THE EXECUTIVE ENGINEER EDUCATION WORKS DIVISION SANGHAR FOR THE YEAR 2017-18

S#	Description of Procurement	Quantity (where applicable)	Estimated Total Cost (Million)	Funds Allocated (Million)	Source of Funds ADP/Non ADP	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
<u>Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools District Sanghar (191-Units) 2017-18 Programme</u>											
1	<u>Package-1 Taluka Sanghar</u> GGPS. Nizamani Para GBPS. Nizamani Para		8.816	8.816	Provincial ADP.	Open Competitive Bidding	--	--	--	--	
2	<u>Package-2 Taluka Sanghar</u> GBPS. S.S.S.S Sanghar GBPS. District Jail Sanghar GBPS. Shahmir Panhwar Colony		7.984	7.984	-- do--	-- do--	--	--	--	--	
3	<u>Package-3 Taluka Sanghar</u> GGPS. Shahmir Khan Panhwar GBPS. Shahmir Khan Panhwar GBPS. Town No: 02 Sanghar		8.587	8.587	-- do--	-- do--	--	--	--	--	
4	<u>Package-4 Taluka Sanghar</u> GGLSS. Molvi Khair Muhammad GBPS. Town No: 01 Sanghar		6.426	6.426	-- do--	-- do--	--	--	--	--	
5	<u>Package-5 Taluka Sanghar</u> GGPS. Housing Society Sanghar GGPS. Sir Syed GGPS. Shaheed-e-Millat GGPS. Allama Iqbal		8.143	8.143	-- do--	-- do--	--	--	--	--	

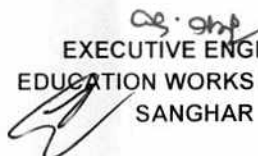
S#	Description of Procurement	Quantity (where applicable)	Estimated Total Cost (Million)	Funds Allocated (Million)	Source of Funds ADP/Non ADP	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
6	Package-6 Taluka Sanghar GGPS. Urdu Sanghar GGPS. Chak No: 40 GBLSS. Kachery Colony		8.609	8.609	Provincial ADP.	Open Competitive Bidding	--	--	--	--	
7	Package-7 Taluka Sanghar GBPS. Yousif Ji Mian GBPS. Madad Ali Rind		7.251	7.251	-- do--	-- do--	--	--	--	--	
8	Taluka Sanghar GBPS. Police Line Sanghar		9.162	9.162	-- do--	-- do--	--	--	--	--	
9	Taluka Sanghar GGPS. K.G Sanghar		8.199	8.199	-- do--	-- do--	--	--	--	--	
10	Package-8 Taluka Khipro GBPS. Saleh Abad GBPS. Atta Muhammad Hingorjo GBPS. Khani Rajar		9.576	9.576	-- do--	-- do--	--	--	--	--	
11	Package-9 Taluka Khipro GGPS. Khipro-I GGLSS. Khipro		6.300	6.300	-- do--	-- do--	--	--	--	--	
12	Package-10 Taluka Khipro GBPS. Sindhi Hathungo GBPS. Ranaho		8.546	8.546	-- do--	-- do--	--	--	--	--	
13	Package-11 Taluka Khipro GBPS. Abdullah Nohri GBPS. Allah bux Mughal		9.017	9.017	-- do--	-- do--	--	--	--	--	
14	Taluka Khipro GBPS. Urdu Town Khipro		5.673	5.673	-- do--	-- do--	--	--	--	--	
15	Package-12 Taluka Sinjhor GBPS. Pir Shahnawaz Qureshi GGPS. Urdu Sinjhor		9.083	9.083	-- do--	-- do--	--	--	--	--	
16	Package-13 Taluka Sinjhor GBPS. Fazul Muhammad Duskani GBPS. Deh-40 Jamarao		9.998	9.998	-- do--	-- do--	--	--	--	--	

S#	Description of Procurement	Quantity (where applicable)	Estimated Total Cost (Million)	Funds Allocated (Million)	Source of Funds ADP/Non ADP	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
17	Package-14 Taluka Sinjhor GBPS. Jhol Sindhi GGPS. Abbas Abad		9.987	9.987	Provincial ADP.	Open Competitive Bidding	--	--	--	--	
18	Package-15 Taluka Sinjhor GBPS. Ismail Pur GBPS. Deh-32 jamarao		9.397	9.397	-- do--	-- do--	--	--	--	--	
19	Package-16 Taluka Sinjhor GBPS. Urdu Jhol GGPS. Sindhi Jhol		9.668	9.668	-- do--	-- do--	--	--	--	--	
20	Package-17 Taluka Sinjhor GBPS. Ghudan GGPS. Deh-39		8.456	8.456	-- do--	-- do--	--	--	--	--	
21	Package-18 Taluka Sinjhor GBPS. Rais Altaf Hussain Rind GBPS. Deh-22 Jamarao		7.276	7.276	-- do--	-- do--	--	--	--	--	
22	Taluka Sinjhor GBPS. Mureed Keerio		7.528	7.528	-- do--	-- do--	--	--	--	--	
23	Package-19 Taluka Shahdadpur GBPS Sahib khan Nizamani GBPS Khabar Gaho GGPS Qazi Amir Akhtar Shahdadpur		9.089	9.089	-- do--	-- do--	--	--	--	--	
24	Taluka Shahdadpur GBPS Ghualm Muhammad Leghari		9.268	9.268	-- do--	-- do--	--	--	--	--	
25	Package-20 Taluka Shahdadpur GBPS Shah Abdul Latif GBPS Mazar Khan Brohi at Gulshan Town Shahdadpur		9.010	9.010	-- do--	-- do--	--	--	--	--	
26	Package-21 Taluka Shahdadpur GBPS Lakhadino Subhopoto GBLSS Ch Mohammad Hanif		9.516	9.516	-- do--	-- do--	--	--	--	--	
27	Taluka Shahdadpur GBPS Essa Makrani		5.451	5.451	-- do--	-- do--	--	--	--	--	
28	Taluka Shahdadpur GBPS Sher Khan Leghari		5.763	5.763	-- do--	-- do--	--	--	--	--	
29	Taluka Shahdadpur GBPS Jalal Noonari		8.884	8.884	-- do--	-- do--	--	--	--	--	

S#	Description of Procurement	Quantity (where applicable)	Estimated Total Cost (Million)	Funds Allocated (Million)	Source of Funds ADP/Non ADP	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
30	Package-22 Taluka Shahdadpur GBPS Maldasi GBPS Khudadad Kapri GGLSS Niswan Shahdadpur		9.771	9.771	Provincial ADP.	Open Competitive Bidding	--	--	--	--	
31	Package-23 Taluka Shahdadpur GBPS Islamia Urdu Shahdadpur GBPS Dr.Abdul Majeed Chhuto GBPS Rehmania Shahdadpur		8.471	8.471	-- do--	-- do--	--	--	--	--	
32	Package-24 Taluka Shahdadpur GBPS Mughal Para Shahdadpur GGPS Sindhi Shahdadpur		9.601	9.601	-- do--	-- do--	--	--	--	--	
33	Taluka Shahdadpur GBPS Mehran Town		19.000	19.000	-- do--	-- do--	--	--	--	--	
34	Taluka Shahdadpur GBPS Sindhi Shahdadpur		10.217	10.217	-- do--	-- do--	--	--	--	--	
35	Package-25 Taluka Shahdadpur GGPS Mai Sohni Nagar Shahdadpur GBPS Fazkurullah Shah		8.510	8.510	-- do--	-- do--	--	--	--	--	
36	Package-26 Taluka Shahdadpur GGPS Bahadur Kaloi GBPS Baqa Dahri		8.908	8.908	-- do--	-- do--	--	--	--	--	
37	Package-27 Taluka Shahdadpur GBPS Rais Brohi GBPS Sarhari GBPS Khan Rind		9.865	9.865	-- do--	-- do--	--	--	--	--	
38	Taluka Tando Adam GBPS. Sindhi Main		9.623	9.623	-- do--	-- do--	--	--	--	--	
39	Taluka Tando Adam GBPS. Urdu Main		6.908	6.908	-- do--	-- do--	--	--	--	--	
40	Taluka Tando Adam GGPS. Juman Shah		10.338	10.338	-- do--	-- do--	--	--	--	--	
41	Taluka Tando Adam GBPS. Makhdoom Nooh		8.385	8.385	-- do--	-- do--	--	--	--	--	

S#	Description of Procurement	Quantity (where applicable)	Estimated Total Cost (Million)	Funds Allocated (Million)	Source of Funds ADP/Non ADP	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
42	Package-28 Taluka Tando Adam GGPS. Urdu Main GGLSS. Bibi Aisha		13.806	13.806	Provincial ADP.	Open Competitive Bidding	--	--	--	--	
43	Package-29 Taluka Tando Adam GBPS. Hassan Ali Afandi GGLSS. Makhdoom Nooh		8.069	8.069	-- do--	-- do--	--	--	--	--	
44	Taluka Tando Adam GBPS. Mohammadi		7.810	7.810	-- do--	-- do--	--	--	--	--	
45	Package-30 Taluka Tando Adam GGPS. Sindhi Main GPS. New Mohammadi GBPS. Mohammad Lorian		8.060	8.060	-- do--	-- do--	--	--	--	--	
46	Package-31 Taluka Tando Adam GBPS. Mulla Mukhan GBPS. Sher Mohammad Dero		8.561	8.561	-- do--	-- do--	--	--	--	--	
47	Taluka Tando Adam GBPS. Buxo Nizamani		7.343	7.343	-- do--	-- do--	--	--	--	--	
48	Taluka Tando Adam GBPS. Sanjar Khan Junejo		9.152	9.152	-- do--	-- do--	--	--	--	--	
49	Package-32 Taluka Tando Adam GBPS. Subhanallah GBPS. Peru Faqir Shoro		8.146	8.146	-- do--	-- do--	--	--	--	--	
50	Taluka Tando Adam GBPS. Khuda Bux Khoso		6.236	6.236	-- do--	-- do--	--	--	--	--	
51	Taluka Tando Adam GBPS. Mitho Khoso		6.443	6.443	-- do--	-- do--	--	--	--	--	
52	Package-33 Taluka Tando Adam GBPS. Qaim Makrani GBPS. Sutiari		7.741	7.741	-- do--	-- do--	--	--	--	--	
53	Package-34 Taluka Tando Adam GBPS. Bago Wadadani GBPS. Duthro Sharif		10.592	10.592	-- do--	-- do--	--	--	--	--	
54	Taluka Tando Adam GBPS. Mirza Qaleech Baig		7.741	7.741	-- do--	-- do--	--	--	--	--	
55	Taluka Tando Adam GPS. Hyder Khan Mari		8.785	8.785	-- do--	-- do--	--	--	--	--	
56	Taluka Jam Nawaz Ali. GBPS Nauabad		11.400	11.400	-- do--	-- do--	--	--	--	--	

S#	Description of Procurement	Quantity (where applicable)	Estimated Total Cost (Million)	Funds Allocated (Million)	Source of Funds ADP/Non ADP	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
57	Taluka Jam Nawaz Ali. GBPS Jam Nawaz Ali		7.849	7.849	Provincial ADP.	Open Competitive Bidding	--	--	--	--	
58	Package-35 Taluka Jam Nawaz Ali GBPS Sindhi Berani GBPS Urdu Berani		9.092	9.092	-- do--	-- do--	--	--	--	--	
59	Package-36 Taluka Jam Nawaz Ali GBPS Rassol Bux Kaloi GBPS Ali Muhammad Kaloi		8.531	8.531	-- do--	-- do--	--	--	--	--	
60	Package-37 Taluka Jam Nawaz Ali GBPS Haji Rasheed Mari GBPS Sobho Khan Wassan GGPS Berani (Urdu)		9.727	9.727	-- do--	-- do--	--	--	--	--	
<u>Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Secondary Schools District Sanghar (06-Units) 2017-18 Programme</u>											
61	Taluka Sinjhor GBHS. Rukan Burira		10.147	10.147	-- do--	-- do--	--	--	--	--	
62	Taluka Tando Adam GBHS. Jamia Millia		13.032	13.032	-- do--	-- do--	--	--	--	--	
63	Taluka Tando Adam GBHS. Tayyab Thahim		6.693	6.693	-- do--	-- do--	--	--	--	--	


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR



GOVERNMENT OF SINDH
EDUCATION & LITERACY DEPARTMENT
Karachi, date the 28-04-2015

NOTIFICATION

NO.SO(G) EDU/E&A/PRO-EW/14-15: In pursuance of Rule - 7 of the Sindh Public Procurement Rules, 2010, a Departmental Procurement Committee comprising of following Officers for procurement of works for various Educational Institutes / Offices / Line Departments working under Administrative Control of Education & Literacy Department to be procured under ADP / Regular Budget / SNE of Education Department is constituted as under:-

- | | | |
|----|--|----------|
| 1. | Executive Engineer (Education Works)
Concerned Education Works Division
Education & Literacy Department | Chairman |
| 2. | Assistant Engineer
Local Government Public Health Engineering Department | Member |
| 3. | Assistant Engineer (Education Works) of Headquarter
Concerned Education Works sub Division
Education & Literacy Department | Member |

ToRs

- Preparing bidding documents;
- Carrying out technical as well as financial evaluation of the bids;
- Preparing evaluation report as provided in Rule 45 of SPPRA 2010;
- Making recommendations for the award of contract to the competent authority; and
- Perform any other function ancillary and incidental to the above.

- DR. FAZLULLAH PECHUNO -

NO.SO(G) EDU/E&A/PRO-EW/14-15:

Karachi, date the 28th May, 2015

A copy is forwarded for information & necessary action to:-

1. All Members of the Committee.
2. The P.S. to Senior Minister, Education & Literacy Department, Govt. of Sindh, Karachi.
3. The P.S. to Secretary, Education & Literacy Department.
4. The P.S. to Secretary, Local Government Public Health Engineering Department.
5. Office Order File



SINDH EDUCATION &
LITERACY DEPARTMENT



DEPUTY SECRETARY (CA) 28/04/15

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
SANGHAR



GOVERNMENT OF SINDH
EDUCATION & LITERACY DEPARTMENT
Karachi, date the 28-04-2015

NOTIFICATION

NO.SO(G) EDU/E&A/PRO-EW(CRCY)14-15: In pursuance of Rule - 31 of the Sindh Public Procurement Rules, 2010 a Departmental Complaint Redressal Committee comprising of following Officers constituted as under to resolve complaint's of aggrieved bidders:-

- | | |
|--|----------|
| 1. Superintendent Engineer (Education Works)
of concerned Education Works Circle
Education & Literacy Department | Chairman |
| 2. Representative of District Account Officer /
Accountant General, Sindh | Member |
| 3. Representative of Head of procuring Agency
(Professional from relevant field concerning) | Member |

ToRs

- o To perform according to Rule - 31 of SPPRA, 2010;
- o Perform any other function ancillary and incidental to the above.

NO.SO(G) EDU/E&A/PRO-EW(CRCY)14-15:

SECRETARY EDUCATION
TO GOVT. OF SINDH
Karachi, date the 28th May, 2015

A copy is forwarded for information & necessary action to:-

1. All Members of the Committee.
2. The P.S to Secretary, Education & Literacy Department.
3. Office Order File



SINDH EDUCATION &
LITERACY DEPARTMENT



28/04/15
DEPUTY SECRETARY (GA)

17/4/15
EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-I GGPS, Nizamani Para , GBPS, Nizamani Para Taluka
Sanghar

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	2827	5445	%Cft	153930
2	Removing cement palster from walls (S.I.No. 53 P-13)	6581	121	%Sft	7963
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	3264	1306.8	%Sft	42654
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	4617	1285.63	%Cft	59358
5	Excavation in foundation of building bridges and other structure i/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	551	3176.25	%OCft	1750
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1650	8694.95	%Cft	143467
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1620	11948.36	%Cft	193563
8	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretely (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	2973	337	P.Cft	1001901
9	Fabrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	212.83	5001.70	Cwt	1064512
10	filling watering and ramming under floor with new earth excavated from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	5494	3630	%OCft	19943
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	4617	12674.36	%Cft	585175
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	426	240.50	P.Sft	102453
B"	For Door	54	228.50	P.Sft	12339
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc. complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	264.00	180.50	P.Sft	47652
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	24103	2206.60	%Sft	531857
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	24103	2197.52	%Sft	529668
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	894	3015.76	%Sft	26961
17	First Class deodar wood rought joinery in door and windows etc fixied in position i/c chwkak hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	377	902.93	P.Sft	340405
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	5958	3275.50	%Sft	195154
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	4112	4411.82	%Sft	181414
20	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	64.00	58.11	P-Sft	3719

S.No.	Name of Item	Quantity	Rate	Unit	Amount
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2806	12346.65	%Cft	346447
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	120	726.72	P.Sft	87206
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	4050	1287.44	%Sft	52141
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	165	34520.31	%Sft	56959
25	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	432	14429.25	%cft	62334
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	4456	307	P-Sft	1367992
27	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	447.00	186.04	P-Sft	83160
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	218	28299.30	%Sft	61692
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	118	27747.06	%Sft	32742
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	5490	1887.40	%Sft	103618
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1914.00	2567.95	%Sft	49151
32	Colour Washing (three Coats)(s.i.25p-54)	6216	1325.15	%Sft	82371
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	8563	829.95	%Sft	71069
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	25997	442.75	%Sft	115102
35	Distemping 3 Coats (S.I.No 24-C-P.No 54)	25997	1079.65	%Sft	280677
36	Preparing surface painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	1716	1160.06	%Sft	19907
37	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	434	2116.41	%Sft	9185
38	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	1406	1270.83	%Sft	17868

G.Total Part A" **8145458**

Carrage Cost **651637**

G.Total **8797095**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

Total Part B"

Rs: 18755

Total Part A"

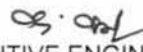
Rs: 8797095

Grand Total

Rs: 8815850

Say 8.816

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-2 GBPS. S.S.S.S Sanghar , GBPS. District Jail Sanghar ,
GBPS. Shahmir Panhwar Colony Taluka Sanghar

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	2626	5445	%Cft	142986
2	Removing cement palster from walls (S.I.No. 53 P-13)	5475	121	%Sft	6625
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	2552	1306.8	%Sft	33350
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	4413	1285.63	%Cft	56735
5	Excavation in foundation of building bridges and other structure i/c dgetelling gretting refilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	490	3176.25	%OCft	1556
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1455	8694.95	%Cft	126512
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1630	11948.36	%Cft	194758
8	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretey (a)RC work in roof slabs beams columns rafts, and lintles and other structural members laid in situ or pre cast laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	2575	337	P.Cft	867775
9	Fabrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	195	5001.70	Cwt	975332
10	filling watering and ramming under floor with new earth excavated from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	5156	3630	%OCft	18716
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	4453	12674.36	%Cft	564389
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Windows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	313	240.50	P.Sft	75277
B"	For Door	60	228.50	P.Sft	13710
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	213.00	180.50	P.Sft	38447
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	21011	2206.60	%Sft	463629
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	21011	2197.52	%Sft	461721
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	883	3015.76	%Sft	26629
17	First Class deodar wood rought joinery in door and windows etc fixied in position i/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	387	902.93	P.Sft	349434
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	4560	3275.50	%Sft	149363
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	3566	4411.82	%Sft	157326
20	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	64.00	58.11	P-Sft	3719

S.No.	Name of Item	Quantity	Rate	Unit	Amount
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2806	12346.65	%Cft	346447
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	96	726.72	P.Sft	69765
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	3750	1287.44	%Sft	48279
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	55	34520.31	%Sft	18986
25	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	532	14429.25	%cft	76764
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	4256	307	P-Sft	1306592
27	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	547.00	186.04	P-Sft	101764
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	318	28299.30	%Sft	89992
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	225	27747.06	%Sft	62431
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	4490	1887.40	%Sft	84744
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1914.00	2567.95	%Sft	49151
32	Colour Washing (three Coats)(s.i.25p-54)	6216	1325.15	%Sft	82371
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	8563	829.95	%Sft	71069
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	25997	442.75	%Sft	115102
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	25997	1079.65	%Sft	280677
36	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	1716	1160.06	%Sft	19907
37	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	434	2116.41	%Sft	9185
38	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc,) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	1406	1270.83	%Sft	17868

G.Total Part A" **7579078**

Carrage Cost **367585**

G.Total **7946664**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	4.00	5044.60	Each	20178
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	4.00	337.92	P.No	1352
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	100.00	73.21	P.Rft	7321
	ii) 3/4" dia pipe	60.00	95.79	P.Rft	5747
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	2.00	102.95	P.No	206
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	2	18470.00	P.Rft	36940

Total Part B"

Rs: 37510

Total Part A"


Rs: 7946664

Grand Total

Rs: 7984174

Say 7.984

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-3 GGPS. Shahmir Khan Panhwar ,GBPS. Shahmir Khan
Panhwar , GBPS. Town No: 02 Sanghar Taluka Sanghar

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	2626	5445	%Cft	142986
2	Removing cement plaster from walls (S.I.No. 53 P-13)	5475	121	%Sft	6625
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	2552	1306.8	%Sft	33350
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	4413	1285.63	%Cft	56735
5	Excavation in foundation of building bridges and other structure i/c dgetelling gretting refilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	490	3176.25	%OCft	1556
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1455	8694.95	%Cft	126512
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1630	11948.36	%Cft	194758
8	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid seprately (a)RC work in roof slabs beams columns rafts, and lintels and other structural members laid in situ or pre cast laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	2575	337	P.Cft	867775
9	Fabrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fastening includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	195	5001.70	Cwt	975332
10	filling watering and ramming under floor with new earth excavated from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	5156	3630	%OCft	18716
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	4453	12674.36	%Cft	564389
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Windows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	313	240.50	P.Sft	75277
B"	For Door	60	228.50	P.Sft	13710
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	213.00	180.50	P.Sft	38447
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	21011	2206.60	%Sft	463629
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	21011	2197.52	%Sft	461721
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	883	3015.76	%Sft	26629
17	First Class deodar wood rough joinery in door and windows etc fixed in position i/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	387	902.93	P.Sft	349434
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	4560	3275.50	%Sft	149363
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	3566	4411.82	%Sft	157326
20	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	64.00	58.11	P-Sft	3719

S.No.	Name of Item	Quantity	Rate	Unit	Amount
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2806	12346.65	%Cft	346447
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	48	726.72	P.Sft	34883
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	3750	1287.44	%Sft	48279
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	155	34520.31	%Sft	53506
25	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	732	14429.25	%cft	105622
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	5856	307	P-Sft	1797792
27	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	647.00	186.04	P-Sft	120368
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	388	28299.30	%Sft	109801
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	325	27747.06	%Sft	90178
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	4490	1887.40	%Sft	84744
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1914.00	2567.95	%Sft	49151
32	Colour Washing (three Coats)(s.i.25p-54)	6216	1325.15	%Sft	82371
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	8563	829.95	%Sft	71069
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	25997	442.75	%Sft	115102
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	25997	1079.65	%Sft	280677
36	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	1716	1160.06	%Sft	19907
37	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	434	2116.41	%Sft	9185
38	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	1406	1270.83	%Sft	17868

G.Total Part A"	8164935
Carrage Cost	365789

G.Total	8530724
---------	---------

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	6.00	5044.60	Each	30268
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	6.00	337.92	P.No	2028
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	150.00	73.21	P.Rft	10982
	ii) 3/4" dia pipe	90.00	95.79	P.Rft	8621
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	3.00	102.95	P.No	309
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	3	18470.00	P.Rft	55410

Total Part B"

Rs: 56265

Total Part A"

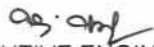
Rs: 8530724

Grand Total

Rs: 8586989

Say 8.587

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-4 GGLSS. Molvi Khair Muhammad , GBPS. Town No:
01 Sanghar Taluka Sanghar

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	1896	5445	%Cft	103237
2	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	4088	1285.63	%Cft	52557
3	Removing cement plaster from walls (S.I.No. 53 P-13)	2567	121	%Sft	3106
4	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	1016	1306.8	%Sft	13277
5	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	829	8694.95	%Cft	72081
6	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1128	11948.36	%Cft	134778
7	Excavation in foundation of building bridges and other structure i/c dewatering refilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	261	3176.25	%OCft	829
8	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid separately (a)RC work in roof slabs beams columns rafts, and lintels and other structural members laid in situ or pre cast laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	2809	337	P.Cft	946633
9	Fabrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fastening includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	137.84	5001.70	Cwt	689434
10	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	2873	12674.36	%Cft	364134
11	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Windows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
12	For Windows	298	240.50	P.Sft	71669
13	For Door	128	228.50	P.Sft	29248
14	First Class deodar wood rough joinery in door and windows etc fixed in position i/c chowkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	327	902.93	P.Sft	295258
15	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	202.00	180.50	P.Sft	36461
16	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	18027	2206.60	%Sft	397784
17	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	18027	2197.52	%Sft	396147
18	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	232	3015.76	%Sft	6997
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	8537	3275.50	%Sft	279629
20	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	1831	4411.82	%Sft	80780
21	Cement Concrete plain including placing compacting finishing and curing complete including screeding and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	379	12595	%Sft	47735

S.No.	Name of Item	Quantity	Rate	Unit	Amount
22	P/L Flooring of verona marbal tiles of size 12"X12" X3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c curring grinding rubbing and polithing etc complete i/c cutting the tiles proper profile (R.A Approved).	3032	307	P.Sft	930824
23	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	7668	1887.40	%Sft	144726
24	Providing and laying HALA or Pattern tiles glazed 8"X8" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i/c cutting tiles to proper profile (S.I.No 61 P.No 48)	1405	34520.31	%Sft	485010
25	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	370.00	58.11	P-Sft	21501
26	White Washing 3 coats (S.I.No 26-C-P.No 54)	4038	829.95	%Sft	33513
27	Primary coat of chalk under distemper (S.I.No. 23 P-54)	14778	442.75	%Sft	65430
28	Distempering 3 Coats (S.I.No 24-C-P.No 54)	14778	1079.65	%Sft	159551
29	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	594	2116.41	%Sft	12571
30	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	707	1160.06	%Sft	8202
31	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc,) and similar open work. (three coat) (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	193	674.6	%Sft	1302
32	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc,) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	1200	1270.83	%Sft	15250

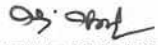
G.Total Part A" **5899654**

Carrage Cost **526249**

G.Total **6425903**

Say **6.426**

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-5 GGPS. Housing Society Sanghar
GGPS. Sir Syed ,GGPS. Shaheed-e-Millat ,GGPS. Allama Iqbal Taluka Sanghar.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	2513	5445	%Cft	136833
2	Removing cement plaster from walls (S.I.No. 53 P-13)	5475	121	%Sft	6625
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	2552	1306.8	%Sft	33350
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	4413	1285.63	%Cft	56735
5	Excavation in foundation of building bridges and other structure i/c dewatering grouting refilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	490	3176.25	%OCft	1556
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1455	8694.95	%Cft	126512
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1630	11948.36	%Cft	194758
8	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid separately (a)RC work in roof slabs beams columns rafts, and lintels and other structural members laid in situ or pre cast laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	2575	337	P.Cft	867775
9	Fabrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fastening includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	195	5001.70	Cwt	975332
10	filling watering and ramming under floor with new earth excavated from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	5156	3630	%OCft	18716
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	4453	12674.36	%Cft	564389
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Windows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	313	240.50	P.Sft	75277
B"	For Door	60	228.50	P.Sft	13710
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	213.00	180.50	P.Sft	38447
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P- 52)	21011	2206.60	%Sft	463629
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	21011	2197.52	%Sft	461721
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	883	3015.76	%Sft	26629
17	First Class deodar wood rough joinery in door and windows etc fixed in position i/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	387	902.93	P.Sft	349434
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	4560	3275.50	%Sft	149363
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	2513	4411.82	%Sft	110869
20	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	64.00	58.11	P-Sft	3719

S.No.	Name of Item	Quantity	Rate	Unit	Amount
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2090	12346.65	%Cft	258045
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144	726.72	P.Sft	104648
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	1900	1287.44	%Sft	24461
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	35	34520.31	%Sft	12082
25	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	612	14429.25	%cft	88307
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	4896	307	P-Sft	1503072
27	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	647.00	186.04	P-Sft	120368
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	388	28299.30	%Sft	109801
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	325	27747.06	%Sft	90178
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	4490	1887.40	%Sft	84744
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1914.00	2567.95	%Sft	49151
32	Colour Washing (three Coats)(s.i.25p-54)	6216	1325.15	%Sft	82371
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	8563	829.95	%Sft	71069
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	25997	442.75	%Sft	115102
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	25997	1079.65	%Sft	280677
36	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	1716	1160.06	%Sft	19907
37	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	434	2116.41	%Sft	9185
38	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc.) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	1406	1270.83	%Sft	17868

G.Total Part A"	7716412
Carrage Cost	370388
G.Total	8086800

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	8.00	5044.60	Each	40357
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	8.00	337.92	P.No	2703
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	200.00	73.21	P.Rft	14642
	ii) 3/4" dia pipe	120.00	95.79	P.Rft	11495
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	4.00	102.95	P.No	412
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	4	18470.00	P.Rft	73880

G.Total Part B"

Rs: 56265

G.Total Part A"

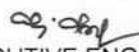
Rs: 8086800

Grand Total

Rs: 8143065

Say 8.143

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-6 GGPS. Urdu Sanghar , GGPS. Chak No: 40 ,
GBLSS. Kachery Colony Taluka Sanghar.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	2626	5445	%Cft	142986
2	Removing cement palster from walls (S.I.No. 53 P-13)	5475	121	%Sft	6625
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	2552	1306.8	%Sft	33350
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	4413	1285.63	%Cft	56735
5	Excavation in foundation of building bridges and other structure i/c dgetelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	490	3176.25	%OCft	1556
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1455	8694.95	%Cft	126512
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1630	11948.36	%Cft	194758
8	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretey (a)RC work in roof slabs beams columns rafts, and lintles and other structural members laid in situ or pre cast laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	3375	337	P.Cft	1137375
9	Fabrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fastening includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	205	5001.70	Cwt	1025349
10	filling watering and ramming under floor with new earth excavated from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	5156	3630	%OCft	18716
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	4453	12674.36	%Cft	564389
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Windows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	313	240.50	P.Sft	75277
B"	For Door	60	228.50	P.Sft	13710
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	213.00	180.50	P.Sft	38447
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	21011	2206.60	%Sft	463629
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	21011	2197.52	%Sft	461721
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	883	3015.76	%Sft	26629
17	First Class deodar wood rought joinery in door and windows etc fixed in position i/c chwkak hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	387	902.93	P.Sft	349434
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	12559	3275.50	%Sft	411370
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	3864	4411.82	%Sft	170473
20	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	64.00	58.11	P-Sft	3719

S.No.	Name of Item	Quantity	Rate	Unit	Amount
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2299	12346.65	%Cft	283849
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	96	726.72	P.Sft	69765
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	3750	1287.44	%Sft	48279
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	155	34520.31	%Sft	53506
25	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	535	14429.25	%cft	77196
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	4280	307	P-Sft	1313960
27	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	520.00	186.04	P-Sft	96741
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	388	28299.30	%Sft	109801
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	325	27747.06	%Sft	90178
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	4490	1887.40	%Sft	84744
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1914.00	2567.95	%Sft	49151
32	Colour Washing (three Coats)(s.i.25p-54)	6216	1325.15	%Sft	82371
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	8563	829.95	%Sft	71069
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	25997	442.75	%Sft	115102
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	25997	1079.65	%Sft	280677
36	Preparing surface painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	1716	1160.06	%Sft	19907
37	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	434	2116.41	%Sft	9185
38	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	1406	1270.83	%Sft	17868

G.Total Part A" **8196107**

Carrage Cost **375382**

G.Total **8571489**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	4.00	5044.60	Each	20178
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	4.00	337.92	P.No	1352
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	100.00	73.21	P.Rft	7321
	ii) 3/4" dia pipe	60.00	95.79	P.Rft	5747
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	2.00	102.95	P.No	206
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	2	18470.00	P.Rft	36940

G.Total Part B"

Rs: 37510

G.Total Part A"

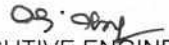
Rs: 8571489

Grand Total

Rs: 8608999

Say 8.609

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-7 GBPS. Yousif Ji Mian , GBPS. Madad Ali Rind
Taluka Sanghar.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	781	5445	%Cft	42525
2	Removing cement palster from walls (S.I.No. 53 P-13)	2065	121	%Sft	2499
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	625	1306.8	%Sft	8168
4	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	3095	1285.63	%Cft	39790
5	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	4453	3176.25	%OCft	14144
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	2810	8694.95	%Cft	244328
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	6080	11948.36	%Cft	726460
7	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretely (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	3855	337	P.Cft	1299135
8	Febrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	189	5001.70	Cwt	945321
9	filling watering and ramming under floor with new earth excavted from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	6480	3630	%OCft	23522
10	filling watering and ramming under floor with new earth excavted from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	1802	1512.30	%OCft	2725
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	4852	12674.36	%Cft	614960
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	272	240.50	P.Sft	65416
B"	For Door	70	228.50	P.Sft	15995
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	215.00	180.50	P.Sft	38808
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	12675	2206.60	%Sft	279687
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	12675	2197.52	%Sft	278536
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	1087	3015.76	%Sft	32781
17	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	254	902.93	P.Sft	229344
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	5324	3275.50	%Sft	174388

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	1200	4411.82	%Sft	52942
20	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	160.00	58.11	P-Sft	9298
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	680	12346.65	%Cft	83957
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	48	726.72	P.Sft	34883
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	1981	1287.44	%Sft	25504
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	125	34520.31	%Sft	43150
25	Cement comcnrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreeete.H.ratio 1.2.4(s.no.5p-15)	298	14429.25	%cft	42999
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	2384	307	P-Sft	731888
27	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skriting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	360.00	186.04	P-Sft	66974
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	441	28299.30	%Sft	124800
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	86	27747.06	%Sft	23862
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	4016	1887.40	%Sft	75798
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1208.00	2567.95	%Sft	31021
32	Colour Washing (three Coats)(s.i.25p-54)	2125	1325.15	%Sft	28159
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	5036	829.95	%Sft	41796
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	10766	442.75	%Sft	47666
35	Distemping 3 Coats (S.I.No 24-C-P.No 54)	10766	1079.65	%Sft	116235
36	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.I.No 05 (c-ii) P.No 70)	749	2116.41	%Sft	15852
37	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc.) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	488	1270.83	%Sft	6202

G.Total Part A" **6681519**

Carrage Cost **550557**

G.Total **7232076**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
-------	--------------	----------	------	------	--------

PART (B)" WATER SUPPLY & SANITARY FITTING

1	P/F: squatting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B"

Rs: 18755

G.Total Part A"

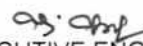
Rs: 7232076

Grand Total

Rs: 7250831

Say 7.251

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS. Police Line Sanghar Taluka Sanghar.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	3753	5445	%Cft	204351
2	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	1159	1285.63	%Cft	14900
3	Removing cement plaster from walls (S.I.No. 53 P-13)	7847	121	%Sft	9495
4	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	1051	1306.8	%Sft	13734
5	Removing Doors with chowakts (S.I.No 33-a- P.No 12)	8	142.18	Each	1137
6	Removing window with chowakts (S.I.No 33-b- P.No 12)	14	102.85	Each	1440
7	Excavation in foundation of building bridges and other structure i/c dewatering grouting refilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	570	3176.25	%OCft	1810
8	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1054	8694.95	%Cft	91645
9	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1080	11948.36	%Cft	129042
10	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid separately (a)RC work in roof slabs beams columns rafts, and lintels and other structural members laid in situ or pre cast laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	4351	337	P.Cft	1466287
11	Fabrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fastening includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	228.70	5001.70	Cwt	1143889
12	filling watering and ramming under floor with new earth excavated from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	2192	3630	%OCft	7957
13	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	675	12674.36	%Cft	85552
14	First Class deodar wood rough joinery in door and windows etc fixed in position i/c chawkat hold fast hinges iron tower bit chawk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	390	1273	P.Sft	496470
B"	Only Shutter	449	902.93	P.Sft	405416
15	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	480.00	58.11	P-Sft	27893
16	Applying a floating coat of cement 1/32" thick. (S.I.No: 14 P.No: 52)	7334	660.00	%Sft	48404
17	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	281.00	180.50	P.Sft	50721
18	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	11183	2206.60	%Sft	246764
19	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	11183	2197.52	%Sft	245749
20	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	2061	3015.76	%Sft	62155
21	Cement Concrete plain including placing compacting finishing and curing complete including screeding and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	860	12595	%Sft	108317

S.No.	Name of Item	Quantity	Rate	Unit	Amount
22	P/L Flooring of verona marbal tiles of size 12"x12" *3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c curring grinding rubbing and polishing etc complete i/c cutting the tiles proper profile (R.A Approved).	6880	307	P.Sft	2112160
23	Providing and Fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tils in slurry of white cement over mortar base i/c filling the joints and washing the tiles with white cement slurry, currient finishing cleaning and (New work) (S.I.No 68 P.No 49)	708	186.04	P.Sft	131716
24	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	655	28253.61	%Sft	185061
25	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	12	27747.06	%Sft	3330
25 (a)	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	8143	3275.50	%Sft	266724
25 (b)	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	1500	4411.82	%Sft	66177
26	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	7258	1887.40	%Sft	136987
27	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	934	12346.65	%Cft	115318
28	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	48	726.72	P.Sft	34883
29	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	1050	1287.44	%Sft	13518
30	Providing and laying HALA or Pattern tiles glazed 8"x8" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i/c cutting tiles to proper profile (S.I.No 61 P.No 48)	639	34520.31	%Sft	220585
31	White Washing 3 coats (S.I.No 26-C-P.No 54)	7228	829.95	%Sft	59989
32	Primary coat of chalk under distemper (S.I.No. 23 P-54)	14687	442.75	%Sft	65027
33	Distempering 3 Coats (S.I.No 24-C-P.No 54)	14687	1079.65	%Sft	158568
34	Preparing the surface painting with wheather coat of approved make to new wheather coat surface (S.I.No: 38-B P.No: 56)	6877	1498.48	%Sft	103050
35	Colour wash 3 coats (S.I.No 25-a P.No 54)	2356	1303.13	%Sft	30702
36	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	1260	2116.41	%Sft	26667
37	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	630	1160.06	%Sft	7308
38	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (three coat) (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	1015	674.6	%Sft	6847

G.Total Part A" **8607745**

Carrage Cost **506996**

G.Total **9114741**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
-------	--------------	----------	------	------	--------

PART B" WATER SUPPLY & SANITARY FITTING

1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	P/F: Nyloon connection 1/2" dia complete with braccess stop cook with pair of brass nuts and linding joints tonyloon connection (S.I.No: 23 P.No: 6)	2.00	447.15	Each	894
3	P/f: 6" X 2" or 6" X 3" C.I floor trap of the approved self cleaning design with a C.I srew down gating with out a vent arm complete with a nd i/c making request number of holes in cement walls plinth and floor pipe connection and making good in c.c. 1:2:4 ratio	2.00	2042.43	Each	4085
4	S/F: concaled stop cock of superior quality with C.P head 1/2" dia (S.I.No: 7 (a) P.15)				
	3/4" dia	4.00	478.28	P.No	1913
5	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	6.00	337.92	P.No	2028
6	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	30.00	73.21	P.Rft	2196
	ii) 3/4" dia pipe	20.00	95.79	P.Rft	1916
7	S/F 4" dia C.I termical guard i/c extra painting t match the colour of the building (S.I.No 11 P.No 9)	1.00	333.29	Each	333
8	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	3/4" dia	3.00	271.92	P.No	816
9	Providing and fixing RCC Pipe with collar class"B" digging the trenches to required to depth and fixing in position i/c cutting bending and jointing with maxphalt composition and cement mortar 1:1 and testing etc complete (S.I.No: 3 P.No: 21)				
	i) 6" dia	12.00	199.30	P.Rft	2392
	i) 4" dia	12.00	146.57	P.Rft	1759
10	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part A"

Rs: 46965

G.Total Part B"


Rs: 9114741

Grand Total

Rs: 9161706

Say 9.162

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GGPS. K.G Sanghar Taluka Sanghar.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	1681	5445	%Cft	91530
2	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	2151	1285.63	%Cft	27654
3	Removing cement palster from walls (S.I.No. 53 P-13)	1749	121	%Sft	2116
4	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	2876	1306.8	%Sft	37584
5	Removing Doors with chowakts (S.I.No 33-a- P.No 12)	8	142.18	Each	1137
6	Removing window with chowakts (S.I.No 33-b- P.No 12)	24	102.85	Each	2468
7	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	570	3176.25	%OCft	1810
8	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	977	8694.95	%Cft	84950
9	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	4905	11948.36	%Cft	586067
10	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretey (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	1949	337	P.Cft	656813
11	Febrication of mild steel reinfored for cc l/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	103.85	5001.70	Cwt	519427
12	filling watering and ramming under floor with new earth excavted from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	2192	3630	%OCft	7957
13	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	2693	12674.36	%Cft	341321
14	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	254	1273	P.Sft	323342
B"	Only Shutter	326	902.93	P.Sft	294355
15	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	600.00	58.11	P-Sft	34866
16	Applying o floating coat of cement 1/32" thick. (S.I.No: 14 P.No: 52)	16977	660.00	%Sft	112048
17	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	281.00	180.50	P.Sft	50721
18	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	22589	2206.60	%Sft	498449
19	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	22589	2197.52	%Sft	496398
20	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	726	3015.76	%Sft	21894
21	Cement pointing strick joints and walls (1:2) (S.I.No: 19-a P.no: 52)	1277	1287.44	%Sft	16441
22	Cement Concrete palin including placing compacting finishing and curring complete including screending and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16)	382	12595	%Sft	48113

S.No.	Name of Item	Quantity	Rate	Unit	Amount
23	P/L Flooring of verona marbal tiles of size 12" x 12" 3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c curring grinding rubbing and polishing etc complete i/c cutting the tiles proper profile (R.A Approved).	3056	307	P.Sft	938192
24	Providing and Fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints and washing the tiles with white cement slurry, current finishing cleaning and (New work) (S.I.No 68 P.No 49)	508	186.04	P.Sft	94508
25	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	1047	28253.61	%Sft	295815
26	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	760	27678.86	%Sft	210359
27 (a)	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	10641	3275.50	%Sft	348546
27 (b)	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	8170	4411.82	%Sft	360446
28	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	9974	1887.40	%Sft	188249
29	White Washing 3 coats (S.I.No 26-C-P.No 54)	11890	829.95	%Sft	98681
30	Primary coat of chalk under distemper (S.I.No. 23 P-54)	23616	442.75	%Sft	104560
31	Distemping 3 Coats (S.I.No 24-C-P.No 54)	23616	1079.65	%Sft	254970
32	Preparing the surface painting with wheather coat of approved make to new wheather coat surface (S.I.No: 38-B P.No: 56)	9846	1498.48	%Sft	147540
33	Colour wash 3 coats (S.I.No 25-a P.No 54)	1215	1303.13	%Sft	15833
34	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.I.No 05 (c-ii) P.No 70)	546	2116.41	%Sft	11556
35	Preparing surface painting Door and Windows any type i/c edges OLD Surface (S.I.No 05(c-i) P.No 70)	1332	1160.06	%Sft	15452
36	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (three coat) (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	1087	674.6	%Sft	7333

G.Total Part A" **7349502**

Carrage Cost **812120**

G.Total **8161621**

PART B" WATER SUPPLY & SANITARY FITTING

1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	6.00	337.92	P.No	2028

S.No.	Name of Item	Quantity	Rate	Unit	Amount
3	Providing G.I pipe specials clamps etc i/c fixing cutting and fitting complete with and i/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	53.00	73.21	P.Rft	3880
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	2.00	102.95	P.No	206
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B"

Rs: 37510

G.Total Part A"


Rs: 8161621

Grand Total

Rs: 8199131

Say 8.199

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-8 GBPS. Saleh Abad , GBPS. Atta Muhammad Hingorjo
, GBPS. Khani Rajar Taluka Khipro.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	401	5445	%Cft	21834
2	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	214	1306.8	%Sft	2797
3	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	930	1285.63	%Cft	11956
4	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	7847	3176.25	%OCft	24924
5	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	3256	8694.95	%Cft	283108
6	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	2859	11948.36	%Cft	341604
7	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretey (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	5766	337	P.Cft	1943142
8	Febrication of mild steel reinfored for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	309	5001.70	Cwt	1545525
9	filling watering and ramming under floor with new earth excavted from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	5700	3630	%OCft	20691
10	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	596	240.50	P.Sft	143338
(b)	For Door	108	228.50	P.Sft	24678
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	3798	12674.36	%Cft	481372
12	S/Grider at Site Of Work.	15.00	3850.00	Cwt	57750
13	T/Iron at site of work.	16.00	3575.00	Cwt	57200
14	Errection of rolled steel (S.I.No: 06 P-90)	31.00	186.34	Cwt	5777
15	Second class tiles roofing (S.I.No: 02 P-32)	1063	7607.25	%Sft	80865
16	P/L single per layer poly thin sheet 0.3mm etc complete (S.I.No: 38 p-43)	1063	10.70	P.Sft	11374
17	P/F G.I Spout fixing etc (S.I.No: 07 P.No: 52)	6	275.11	Each	1651
18	Line neru plaster 1:2 (lime and surkhi) (S.I.No: 7p-51)	1063	1428.35	%Cft	15183
19	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	16830	2206.60	%Sft	371371
20	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	16830	2197.52	%Sft	369843
21	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	498	3015.76	%Sft	15018
22	Cement Concrete palin including placing compacting finishing and curring complete including screending and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	310	12595	%Sft	39045

S.No.	Name of Item	Quantity	Rate	Unit	Amount
23	P/L Flooring of verona marbal tiles of size 12"×12" ×3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c curring grinding rubbing and polishing etc complete i/c cutting the tiles proper profile (R.A Approved).	2372	307	P.Sft	728204
24	First Class deodar wood rought joinery in door and windows etc fixed in position i/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	545	1273	P.Sft	693785
25	Supplying and fixing in position iron/steel grill of 3/4" × 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	346.00	180.50	P.Sft	62453
26	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	2808	3275.50	%Sft	91976
27	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	3714	4411.82	%Sft	163855
28	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	256.00	58.11	P-Sft	14876
29	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	90	28299.30	%Sft	25469
30	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	40	27747.06	%Sft	11099
31	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	2556	1887.40	%Sft	48242
32	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	1350	12346.65	%Cft	166680
33	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60	726.72	P.Sft	43603
34	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	3510	1287.44	%Sft	45189
35	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	312	34520.31	%Sft	107703
36	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	2520.00	2567.95	%Sft	64712
37	White Washing 2 coats (S.I.No 26-b-P.No 54)	840	425.84	%Sft	3577
38	White Washing 3 coats (S.I.No 26-C-P.No 54)	3618	829.95	%Sft	30028
39	Primary coat of chalk under distemper (S.I.No. 23 P-54)	13026	442.75	%Sft	57673
40	Distempering 3 Coats (S.I.No 24-a-P.No 54)	13026	1079.65	%Sft	140635
41	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	1139	2116.41	%Sft	24106
42	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (NEW Surface) (S.I.No: 04-a (d-i) - P.No: 49)	1272	1270.83	%Sft	16165

G.Total Part A"	8410076
Carrage Cost	1147134

G.Total	9557210
---------	---------

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part-A

Rs: 18755

G.Total Part-B


Rs: 9557210

Grand Total

Rs: 9575965

Say 9.576

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-9 GGPS. Khipro-I , GGLSS. Khipro Taluka Khipro.

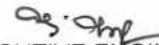
(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	2132	5445	%Cft	116087
2	Removing cement palster from walls (S.I.No. 53 P-13)	5487	121	%Sft	6639
3	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	2823	1285.63	%Cft	36293
4	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	4998	1306.8	%Sft	65314
5	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	497	3176.25	%OCft	1579
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1398	8694.95	%Cft	121555
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1561	11948.36	%Cft	186514
8	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepreately (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	2460	337	P.Cft	829020
9	Febrication of mild steel reinforced for cc l/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	120.8	5001.70	Cwt	604205
10	filling watering and ramming under floor with new earth excavted from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	4142	3630	%OCft	15035
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	3630	12674.36	%Cft	460079
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	288	240.50	P.Sft	69264
(b)	For Door	54	228.50	P.Sft	12339
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	55.00	180.50	P.Sft	9928
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	12308	2206.60	%Sft	271588
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	12308	2197.52	%Sft	270471
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	720	3015.76	%Sft	21713
17	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	256	1273	P.Sft	325888
18	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	191.00	58.11	P-Sft	11099
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	5420	3275.50	%Sft	177532

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Cement Concrete plain including placing compacting finishing and curing complete including screening and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	579	12595	%Sft	72925
21	P/L Flooring of verona marbal tiles of size 12"*12" *3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c curing grinding rubbing and polishing etc complete i/c cutting the tiles proper profile (R.A Approved).	4450	307	P.Sft	1366150
22	Providing and Fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints and washing the tiles with white cement slurry, current finishing cleaning and (New work) (S.I.No 68 P.No 49)	188	186.04	P.Sft	34976
23	Providing and laying HALA or Pattern tiles glazed 8"x8" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i/c cutting tiles to proper profile (S.I.No 61 P.No 48)	977	34520.31	%Sft	337263
24	White Washing 3 coats (S.I.No 26-a-P.No 54)	5464	829.95	%Sft	45348
25	Primary coat of chalk under distemper (S.I.No. 23 P-54)	10959	442.75	%Sft	48521
26	Distempering 3 Coats (S.I.No 24-a-P.No 54)	10959	1079.65	%Sft	118319
27	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	600	2116.41	%Sft	12698
28	Preparing surface painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	991	1160.06	%Sft	11496
29	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	285	674.6	%Sft	1923
30	Distempering 2 Coats (S.I.No 24-b-P.No 54)	6659	1043.90	%Sft	69513
31	Colour wash 2 coats (S.I.No 25-a P.No 54)	4163	859.90	%Sft	35798

G.Total Part A"	5767075
Carrage Cost	532878
G.Total	6299952
Say	6.300

Note: Any variation in the description on item Quantities, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-10 GBPS. Sindhi Hathungo , GBPS. Ranaho Taluka
Khipro.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	1849	5445	%Cft	100678
2	Removing cement palster from walls (S.I.No. 53 P-13)	6443	121	%Sft	7796
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	1074	1306.8	%Sft	14035
4	Removing Doors with chowakts (S.I.No 33-a- P.No 12)	2	142.18	Each	284
5	Removing window with chowakts (S.I.No 33-b- P.No 12)	6	102.85	Each	617
6	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	2532	3176.25	%OCft	8042
7	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	2106	8694.95	%Cft	183116
8	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	2743	11948.36	%Cft	327744
9	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretely (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	3640	337	P.Cft	1226680
10	Febrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	195	5001.70	Cwt	975332
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	1327	12674.36	%Cft	168189
12	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	12987	2206.60	%Sft	286571
13	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	12987	2197.52	%Sft	285392
14	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	507	3015.76	%Sft	15290
15	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	284	240.50	P.Sft	68302
(b)	For Door	72	228.50	P.Sft	16452
17	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	366	1273	P.Sft	465918
18	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	168.00	180.50	P.Sft	30324
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	3262	3275.50	%Sft	106847
20	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	2738	4411.82	%Sft	120796
21	Cement Concrete palin including placing compacting finishing and curring complete including screending and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	567	12595	%Sft	71414

S.No.	Name of Item	Quantity	Rate	Unit	Amount
22	P/L Flooring of verona marbal tiles of size 12"x12" *3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c curring grinding rubbing and polithing etc complete i/c cutting the tiles proper profile (R.A Approved).	2408	307	P.Sft	739256
23	P/L Tiles Glazed 6" x 6" 1/4 on floor or wall facing in required colour and pattern os Stile etc (S.I.No: 60 P.No: 46).	2640	30509.77	%Cft	805458
24	S/Grider at Site Of Work.	17.00	3850.00	Cwt	65450
25	T/Iron at site of work.	19.00	3575.00	Cwt	67925
26	Errection of rolled steel (S.I.No: 06 P-90)	36.00	186.34	Cwt	6708
27	Second class tiles roofing (S.I.No: 02 P-32)	1215	7607.25	%Sft	92428
28	P/L single per layer poly thin sheet 0.3mm etc complete (S.I.No: 38 p-43)	1215	10.70	P.Sft	13001
29	P/F G.I Spout fixing etc (S.I.No: 07 P.No: 52)	6	275.11	Each	1651
30	Line neru plaster 1:2 (lime and surkhi) (S.I.No: 7p-51)	1097	1428.35	%Cft	15669
31	Providing and laying HALA or Pattern tiles glazed 8"x8" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i/c cutting tiles to proper profile (S.I.No 61 P.No 48)	334	34520.31	%Sft	115298
32	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	275	28299.30	%Sft	77823
33	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	138	27747.06	%Sft	38291
34	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	852	1887.40	%Sft	16081
35	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	3962	12346.65	%Cft	489174
36	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangments (S.I.No 24 P.No 91)	96	726.72	P.Sft	69765
37	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	5395	1287.44	%Sft	69457
38	White Washing 2 coats (S.I.No 26-b-P.No 54)	3446	425.84	%Sft	14674
39	White Washing 3 coats (S.I.No 26-C-P.No 54)	2523	829.95	%Sft	20940
40	Distempering 2 Coats (S.I.No 24-b-P.No 54)	11370	1079.65	%Sft	122756
41	Colour wash 2 coats (S.I.No 25-b P.No 54)	6889	859.9	%Sft	59239
42	Colour Washing (three Coats)(s.i.25p-54)	10740	1325.15	%Sft	142321
43	Primary coat of chalk under distemper (S.I.No. 23 P-54)	3020	442.75	%Sft	13371
44	Distempering 3 Coats (S.I.No 24-a-P.No 54)	3020	1079.65	%Sft	32605
45	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	666	2116.41	%Sft	14095
46	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	820	674.6	%Sft	5532
47	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	840.00	2567.95	%Sft	21571
48	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (NEW Surface) (S.I.No: 04-a (d-i) - P.No: 49)	1087	1270.83	%Sft	13814

G.Total Part A" **7624170**
Carrage Cost **903464**

G.Total **8527634**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
-------	--------------	----------	------	------	--------

PART (B)" WATER SUPPLY & SANITARY FITTING

1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part C-b"

Rs: 18755

G.Total Part C-a"


Rs: 8527634

Grand Total

Rs: 8546389

Say 8.546

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-11 GBPS. Abdullah Nohri , GBPS. Allah bux Mughal
Taluka Khipro.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	870	5445	%Cft	47372
2	Removing cement palster from walls (S.I.No. 53 P-13)	1261	121	%Sft	1526
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	350	1306.8	%Sft	4574
4	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	665	1285.63	%Cft	8549
5	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	5480	3176.25	%OCft	17406
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1722	8694.95	%Cft	149727
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1535	11948.36	%Cft	183407
8	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepreately (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	6331	337	P.Cft	2133547
9	Febrication of mild steel reinfored for cc l/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	339.16	5001.70	Cwt	1696377
10	filling watering and ramming under floor with new earth excavted from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	2850	3630	%OCft	10346
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	2864	12674.36	%Cft	362994
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	364	240.50	P.Sft	87542
(b)	For Door	150	228.50	P.Sft	34275
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	198.00	180.50	P.Sft	35739
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	15429	2206.60	%Sft	340456
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	15429	2197.52	%Sft	339055
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	553	3015.76	%Sft	16677
17	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkot hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	363	1273	P.Sft	462099
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	4674	3275.50	%Sft	153097
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	1908	4411.82	%Sft	84178

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Cement Concrete plain including placing compacting finishing and curing complete including screeding and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	607	12595	%Sft	76452
21	P/L Flooring of verona marbal tiles of size 12"x12" *3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c curring grinding rubing and polithing etc complete i/c cutting the tiles proper profile (R.A Approved).	3200	307	P.Sft	982400
22	Providing and Fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tils in slurry of white cement over mortar base i/c filling the joints and washing the tiles with white cement slurry, currient finishing cleaning and (New work) (S.I.No 68 P.No 49)	435	186.04	P.Sft	80927
23	Providing and laying HALA or Pattern tiles glazed 8"x8" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i/c cutting tiles to proper profile (S.I.No 61 P.No 48)	425	34520.31	%Sft	146711
24	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	5910	1287.44	%Sft	76088
25	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	90	28299.30	%Sft	25469
26	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	69	27747.06	%Sft	19145
27	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	2562	1887.40	%Sft	48355
28	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	1585	12346.65	%Cft	195694
29	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangments (S.I.No 24 P.No 91)	48	726.72	P.Sft	34883
30	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	2520.00	2567.95	%Sft	64712
31	Making Notice Board with Cement Sand (S.I.No:2 P.No: 95)	192.00	58.11	P-Sft	11157
32	White Washing 3 coats (S.I.No 26-C-P.No 54)	4940	829.95	%Sft	41000
33	Primary coat of chalk under distemper (S.I.No. 23 P-54)	9060	442.75	%Sft	40113
34	Distempering 3 Coats (S.I.No 24-b-P.No 54)	11689	1079.65	%Sft	126200
35	White Washing 2 coats (S.I.No 26-b-P.No 54)	492	425.84	%Sft	2095
36	Colour wash 3 coats (S.I.No 25-b P.No 54)	8934	859.9	%Sft	76823
37	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	270	1160.06	%Sft	3132
38	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	245	674.6	%Sft	1653
39	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	771	2116.41	%Sft	16318

S.No.	Name of Item	Quantity	Rate	Unit	Amount
40	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (NEW Surface) (S.I.No: 04-a (d-i) - P.No: 49)	390	1270.83	%Sft	4956

G.Total Part A" **8243227**

Carrage Cost **755080**

G.Total **8998306**

PART (B)" WATER SUPPLY & SANITARY FITTING

1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B

Rs: 18755

G.Total Part A

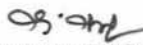
Rs: 8998306

Grand Total

Rs: 9017061

Say **9.017**

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS. Urdu Town Khipro Taluka Khipro.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling of second class tiles roofing (S.I.No: 22 P.No: 09)	2587	378.10	%Cft	9781
2	Dismantling steel rolled beam (S.I.No: 42 P.No: 13)	53	126.04	P.Cwt	6680
3	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	554	5445	%Cft	30165
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	7740	1285.63	%Cft	99508
5	Removing cement plaster from walls (S.I.No. 53 P-13)	721	121	%Sft	872
6	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	216	1306.8	%Sft	2823
7	Excavation in foundation of building bridges and other structure l/c degtelling gretting refilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	184	3176.25	%OCft	584
8	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1150	8694.95	%Cft	99992
9	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	810	11948.36	%Cft	96782
10	filling watering and ramming under floor with new earth excavated from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	11918	3630	%OCft	43262
11	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Windows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	480	240.50	P.Sft	115440
(b)	For Door	126	228.50	P.Sft	28791
12	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretey (a)RC work in roof slabs beams columns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	1082	337	P.Cft	364634
13	Febrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	43.48	5001.70	Cwt	217474
14	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	5462	12674.36	%Cft	692274
15	S/Grider at Site Of Work.	21.00	3850.00	Cwt	80850
16	T/Iron at site of work.	58.00	3575.00	Cwt	207350
17	Errection of rolled steel (S.I.No: 06 P-90)	103.00	186.34	Cwt	19193
18	Second class tiles roofing (S.I.No: 02 P-32)	3533	7607.25	%Sft	268764
19	P/L single per layer poly thin sheet 0.3mm etc complete (S.I.No: 38 p-43)	3533	10.70	P.Sft	37803
20	P/F G.I Spout fixing etc (S.I.No: 07 P.No: 52)	15	275.11	Each	4127
21	Line neru plaster 1:2 (lime and surkhi) (S.I.No: 7p-51)	3533	1428.35	%Cft	50464
22	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	17712	2206.60	%Sft	390833
23	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	17712	2197.52	%Sft	389225
24	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	196	3015.76	%Sft	5911
25 (a)	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	695	3275.50	%Sft	22765

S.No.	Name of Item	Quantity	Rate	Unit	Amount
(b)	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	1713	4411.82	%Sft	75574
26	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	928	12346.65	%Cft	114577
27	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	48	726.72	P.Sft	34883
28	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	2500	1287.44	%Sft	32186
29	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	90	28299.30	%Sft	25469
30	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	70	27747.06	%Sft	19423
31	Cement Concrete palin including placing compacting finishing and curring complete including screending and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	260	12595	%Sft	32747
32	P/L Flooring of verona marbal tiles of size 12"*12" *3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the conour of tiles i/c curring grinding rubbing and polithing etc complete i/c cutting the tiles proper profile (R.A Approved).	2000	307	P.Sft	614000
33	Providing and Fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tils in slurry of white cement over mortar base i/c filling the joints and washing the tiles with white cement slurry, currient finishing cleaning and (New work) (S.I.No 68 P.No 49)	153	186.04	P.Sft	28464
34	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	452	1273	P.Sft	575396
35	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	224.00	58.11	P-Sft	13017
36	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc. complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	308.00	180.50	P.Sft	55594
37	White Washing 3 coats (S.I.No 26-C-P.No 54)	3625	829.95	%Sft	30086
38	Primary coat of chalk under distemper (S.I.No. 23 P-54)	13404	442.75	%Sft	59346
39	Distempering 3 Coats (S.I.No 24-C-P.No 54)	17568	1079.65	%Sft	189673
40	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	1148	2116.41	%Sft	24296
41	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	208	1160.06	%Sft	2413
42	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	84	674.6	%Sft	567
43	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	2762	1270.83	%Sft	35100

G.Total Part A"	5249158
Carrage Cost	404710

G.Total	5653868
---------	---------

S.No.	Name of Item	Quantity	Rate	Unit	Amount
-------	--------------	----------	------	------	--------

PART (B)" WATER SUPPLY & SANITARY FITTING

1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B

Rs: 18755

G.Total Part A

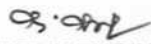
Rs: 5653868

Grand Total

Rs: 5672623

Say 5.673

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-12 GBPS. Pir Shah Nawaz Qureshi ,
GGPS. Urdu Sinjhor Taluka Sinjhor

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	62	5445	%Cft	3376
2	Removing cement palster from walls (S.I.No. 53 P-13)	159	121	%Sft	192
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	934	1306.8	%Sft	12206
4	Excavation in foundation of building bridges and other sturture i/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	6453	3176.25	%OCft	20496
5	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	2059	8694.95	%Cft	179029
6	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	7345	11948.36	%Cft	877607
7	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretely (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	4932	337	P.Cft	1662084
8	Febrication of mild steel reinfored for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	264	5001.70	Cwt	1320449
9	filling watering and ramming under floor with new earth excavted from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	12468	3630	%OCft	45259
10	filling watering and ramming under floor with new earth excavted from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	2802	1512.30	%OCft	4237
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	2926	12674.36	%Cft	370852
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	372	240.50	P.Sft	89466
(b)	For Door	106	228.50	P.Sft	24221
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	215.00	180.50	P.Sft	38808
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	15708	2206.60	%Sft	346613
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	15708	2197.52	%Sft	345186
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	297	3015.76	%Sft	8957
17	First Class deodar wood rought joinery in door and windows etc fixied in position i/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	454	902.93	P.Sft	409930
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	6324	3275.50	%Sft	207143
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	1342	4411.82	%Sft	59207

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	160.00	58.11	P-Sft	9298
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	1350	12346.65	%Cft	166680
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60	726.72	P.Sft	43603
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	1981	1287.44	%Sft	25504
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	188	34520.31	%Sft	64898
25	Cement comcnrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreeete.H.ratio 1.2.4(s.no.5p-15)	858	14429.25	%cft	123803
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	4897	307	P-Sft	1503379
27	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	224.00	186.04	P-Sft	41673
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	441	28299.30	%Sft	124800
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	86	27747.06	%Sft	23862
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	4016	1887.40	%Sft	75798
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	3192.00	2567.95	%Sft	81969
32	Colour Washing (three Coats)(s.i.25p-54)	2125	1325.15	%Sft	28159
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	5036	829.95	%Sft	41796
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	10766	442.75	%Sft	47666
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	10766	1079.65	%Sft	116235
36	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	749	2116.41	%Sft	15852
37	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc,) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	488	1270.83	%Sft	6202

G.Total Part A" **8566495**

Carrage Cost **497713**

G.Total **9064208**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B

Rs: 18755

G.Total Part A


Rs: 9064208

Grand Total

Rs: 9082963

Say 9.083

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-13 GBPS. Fazul Muhammad Duskani ,
GBPS. Deh-40 Jamarao Taluka Sinjhor

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	981	5445	%Cft	53415
2	Removing cement palster from walls (S.I.No. 53 P-13)	2065	121	%Sft	2499
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	625	1306.8	%Sft	8168
4	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	3095	1285.63	%Cft	39790
5	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	6453	3176.25	%OCft	20496
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	3810	8694.95	%Cft	331278
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	7080	11948.36	%Cft	845944
7	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretely (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	4855	337	P.Cft	1636135
8	Fabrication of mild steel reinfored for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	260	5001.70	Cwt	1300442
9	filling watering and ramming under floor with new earth excavted from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	7480	3630	%OCft	27152
10	filling watering and ramming under floor with new earth excavted from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	1802	1512.30	%OCft	2725
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	7848	12674.36	%Cft	994684
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	372	240.50	P.Sft	89466
B"	For Door	90	228.50	P.Sft	20565
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	215.00	180.50	P.Sft	38808
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	18678	2206.60	%Sft	412149
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	18678	2197.52	%Sft	410453
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	1280	3015.76	%Sft	38602
17	First Class deodar wood rought joinery in door and windows etc fixed in position l/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	454	902.93	P.Sft	409930
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	6324	3275.50	%Sft	207143

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	1500	4411.82	%Sft	66177
20	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	160.00	58.11	P-Sft	9298
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	680	12346.65	%Cft	83957
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60	726.72	P.Sft	43603
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	1981	1287.44	%Sft	25504
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	324	34520.31	%Sft	111846
25	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	398	14429.25	%cft	57428
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	3061	307	P-Sft	939727
27	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	360.00	186.04	P-Sft	66974
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	441	28299.30	%Sft	124800
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	86	27747.06	%Sft	23862
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	4016	1887.40	%Sft	75798
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	4225.00	2567.95	%Sft	108496
32	Colour Washing (three Coats)(s.i.25p-54)	2125	1325.15	%Sft	28159
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	5036	829.95	%Sft	41796
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	10766	442.75	%Sft	47666
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	10766	1079.65	%Sft	116235
36	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	749	2116.41	%Sft	15852
37	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc,) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	488	1270.83	%Sft	6202

G.Total Part A" **8883225**

Carrage Cost **1096190**

G.Total **9979415**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
-------	--------------	----------	------	------	--------

PART (B)" WATER SUPPLY & SANITARY FITTING

1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B

Rs: 18755

G.Total Part A


Rs: 9979415

Grand Total

Rs: 9998170

Say 9.998

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-14 GBPS. Jhol Sindhi , GGPS. Abbas Abad Taluka
Sinhoro

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	2827	5445	%Cft	153930
2	Removing cement plaster from walls (S.I.No. 53 P-13)	6581	121	%Sft	7963
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	3264	1306.8	%Sft	42654
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	4617	1285.63	%Cft	59358
5	Excavation in foundation of building bridges and other structure i/c dewatering grouting refilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	551	3176.25	%OCft	1750
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1650	8694.95	%Cft	143467
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1620	11948.36	%Cft	193563
8	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid separately (a)RC work in roof slabs beams columns rafts, and lintels and other structural members laid in situ or pre cast laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	3973	337	P.Cft	1338901
9	Fabrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fastening includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	212.83	5001.70	Cwt	1064512
10	filling watering and ramming under floor with new earth excavated from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	5494	3630	%OCft	19943
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	4617	12674.36	%Cft	585175
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Windows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	426	240.50	P.Sft	102453
B"	For Door	54	228.50	P.Sft	12339
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	264.00	180.50	P.Sft	47652
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	24103	2206.60	%Sft	531857
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	24103	2197.52	%Sft	529668
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	894	3015.76	%Sft	26961
17	First Class deodar wood rough joinery in door and windows etc fixed in position i/c chowkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	377	902.93	P.Sft	340405
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	10958	3275.50	%Sft	358929
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	9112	4411.82	%Sft	402005
20	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	64.00	58.11	P-Sft	3719

S.No.	Name of Item	Quantity	Rate	Unit	Amount
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2806	12346.65	%Cft	346447
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	120	726.72	P.Sft	87206
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	4050	1287.44	%Sft	52141
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	165	34520.31	%Sft	56959
25	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	632	14429.25	%cft	91193
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	4633	307	P-Sft	1422331
27	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	447.00	186.04	P-Sft	83160
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	318	28299.30	%Sft	89992
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	138	27747.06	%Sft	38291
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	5490	1887.40	%Sft	103618
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1914.00	2567.95	%Sft	49151
32	Colour Washing (three Coats)(s.i.25p-54)	6216	1325.15	%Sft	82371
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	8563	829.95	%Sft	71069
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	25997	442.75	%Sft	115102
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	25997	1079.65	%Sft	280677
36	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	1716	1160.06	%Sft	19907
37	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	434	2116.41	%Sft	9185
38	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc,) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	1406	1270.83	%Sft	17868

G.Total Part A" **8983871**

Carrage Cost **984632**

G.Total **9968503**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B

Rs: 18755

G.Total Part A


Rs: 9968503

Grand Total

Rs: 9987258

Say 9.987

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-15 GBPS. Ismail Pur , GBPS. Deh-32 Jamarao Taluka
Sinhoro

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	1833	5445	%Cft	99807
2	Removing cement palster from walls (S.I.No. 53 P-13)	1640	121	%Sft	1984
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	563	1306.8	%Sft	7357
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	2950	1285.63	%Cft	37926
5	Excavation in foundation of building bridges and other structure i/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	3992	3176.25	%OCft	12680
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1484	8694.95	%Cft	129033
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	3031	11948.36	%Cft	362155
7	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid seprety (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	5526	337	P.Cft	1862262
8	Febrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	247	5001.70	Cwt	1235420
9	filling watering and ramming under floor with new earth excavated from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	6429	3630	%OCft	23337
10	filling watering and ramming under floor with new earth excavated from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)		1512.30	%OCft	0
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	5794	12674.36	%Cft	734352
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	174	240.50	P.Sft	41847
B"	For Door	126	228.50	P.Sft	28791
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	298.00	180.50	P.Sft	53789
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	21102	2206.60	%Sft	465637
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	21102	2197.52	%Sft	463721
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	668	3015.76	%Sft	20145
17	First Class deodar wood rought joinery in door and windows etc fixied in position i/c chwk at hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	317	902.93	P.Sft	286229
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	16872	3275.50	%Sft	552642

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	1219	4411.82	%Sft	53780
20	Making Notice Board with Cement Sand (S.I.No:2 P.No: 95)	192.00	58.11	P-Sft	11157
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	675	12346.65	%Cft	83340
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60	726.72	P.Sft	43603
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	2100	1287.44	%Sft	27036
24	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	369	34520.31	%Sft	127380
25	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	660	14429.25	%cft	95233
26	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	3882	307	P-Sft	1191774
27	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polishing comp(s.i.no-68p-48)	294.00	186.04	P-Sft	54696
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	224	28299.30	%Sft	63390
29	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	88	27747.06	%Sft	24417
30	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	16872	1887.40	%Sft	318442
31	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)		2567.95	%Sft	0
32	Colour Washing (three Coats)(s.i.25p-54)	172	1325.15	%Sft	2279
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	4794	829.95	%Sft	39788
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	21102	442.75	%Sft	93429
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	21102	1079.65	%Sft	227828
36	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	1392	2116.41	%Sft	29460
37	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc,) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	120	1270.83	%Sft	1525

G.Total Part A" **8907673**

Carrage Cost **470325**

G.Total **9377998**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
-------	--------------	----------	------	------	--------

PART (B)" WATER SUPPLY & SANITARY FITTING

1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B

Rs: 18755

G.Total Part A

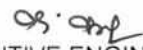
Rs: 9377998

Grand Total

Rs: 9396753

Say 9.397

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-16 GBPS. Urdu Jhol , GGPS. Sindhi Jhol Taluka
Sinhoro

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab i/c sepraty(S.I.No. 20 P.No.10)	2398	5445	%Cft	130571
2	Removing cement plaster from walls (S.I.No. 53 P-13)	1360	121	%Sft	1646
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	1473	1306.8	%Sft	19249
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	4989	1285.63	%Cft	64140
5	Excavation in foundation of building bridges and other structure i/c degtelling getting refilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	1166	3176.25	%OCft	3704
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	625	8694.95	%Cft	54343
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1803	11948.36	%Cft	215429
8	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid seprately (a)RC work in roof slabs beams columns rafts, and lintles and other structural members laid in situ or pre cast laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	3324	337	P.Cft	1120188
9	Fabrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fastening includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	178	5001.70	Cwt	890303
10	filling watering and ramming under floor with new earth excavated from from out side lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)		3630	%OCft	0
11	filling watering and ramming under floor with new earth excavated from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)		1512.30	%OCft	0
12	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	5467	12674.36	%Cft	692907
13	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Windows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
A"	For Windows	207	240.50	P.Sft	49784
B"	For Door	122	228.50	P.Sft	27877
14	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	178.00	180.50	P.Sft	32129
15	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	26706	2206.60	%Sft	589295
16	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	26706	2197.52	%Sft	586870
17	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	452	3015.76	%Sft	13631
18	First Class deodar wood rought joinery in door and windows etc fixed in position i/c chwkot hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	434	902.93	P.Sft	391872
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	8278	3275.50	%Sft	271146

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	3420	4411.82	%Sft	150884
21	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	268.00	58.11	P-Sft	15573
22	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	6413	12346.65	%Cft	791791
23	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	120	726.72	P.Sft	87206
24	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	8393	1287.44	%Sft	108055
25	Providing & Laying Halla or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	415	34520.31	%Sft	143259
26	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	274	14429.25	%cft	39536
27	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	3562	307	P-Sft	1093534
28	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	529.00	186.04	P-Sft	98415
29	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	249	28299.30	%Sft	70465
30	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	109	27747.06	%Sft	30244
31	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	2997	1887.40	%Sft	56565
32	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	3447.00	2567.95	%Sft	88517
33	Colour Washing (three Coats)(s.i.25p-54)	12423	1325.15	%Sft	164623
34	White Washing 3 coats (S.I.No 26-C-P.No 54)	5892	829.95	%Sft	48901
35	Primary coat of chalk under distemper (S.I.No. 23 P-54)	15739	442.75	%Sft	69684
36	Distempering 3 Coats (S.I.No 24-C-P.No 54)	15739	1079.65	%Sft	169926
37	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	808	2116.41	%Sft	17101
38	Preparing surface painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	1650	1160.06	%Sft	19141
39	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	1200	1270.83	%Sft	15250

G.Total Part A" **8433755**
Carrage Cost **1215304**

G.Total **9649059**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B

Rs: 18755

G.Total Part A

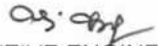
Rs: 9649059

Grand Total

Rs: 9667814

Say 9.668

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-17 GBPS. Ghudan , GGPS. Deh-39 Taluka Sinjhor

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	2096	5445	%Cft	114127
2	Dismantling of second class tiles roofing (S.I.No: 22 P.No: 09)	693	378.10	%Cft	2620
3	Dismantling steel rolled beam (S.I.No: 42 P.No: 13)	12.3	126.04	P.Cwt	1550
4	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	6088	1285.63	%Cft	78269
5	Removing cement palster from walls (S.I.No. 53 P-13)	2767	121	%Sft	3348
6	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	1016	1306.8	%Sft	13277
7	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1917	8694.95	%Cft	166682
8	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1128	11948.36	%Cft	134778
9	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	261	3176.25	%OCft	829
10	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretely (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	3309	337	P.Cft	1115133
11	Fabrication of mild steel reinfored for cc l/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	177.26	5001.70	Cwt	886601
12	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	3492	12674.36	%Cft	442589
13	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet l/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	377	240.50	P.Sft	90669
(b)	For Door	141	228.50	P.Sft	32219
14	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkot hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	413	902.93	P.Sft	372910
15	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	202.00	180.50	P.Sft	36461
16	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	20087	2206.60	%Sft	443240
17	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	20087	2197.52	%Sft	441416
18	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	232	3015.76	%Sft	6997
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16-P.No 42)	8925	3275.50	%Sft	292338
20	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16-P.No 42)	2200	4411.82	%Sft	97060

S.No.	Name of Item	Quantity	Rate	Unit	Amount
21	Cement Concrete plain including placing compacting finishing and curing complete including screeding and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	479	12595	%Sft	60330
22	P/L Flooring of verona marbal tiles of size 12"X12" X3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c curring grinding rubbing and polithing etc complete i/c cutting the tiles proper profile (R.A Approved).	4009	307	P.Sft	1230763
23	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	7668	1887.40	%Sft	144726
24	Providing and laying HALA or Pattern tiles glazed 8"X8" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i/c cutting tiles to proper profile (S.I.No 61 P.No 48)	1405	34520.31	%Sft	485010
25	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	370.00	58.11	P-Sft	21501
26	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2367	12346.65	%Cft	292245
27	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60	726.72	P.Sft	43603
28	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	4050	1287.44	%Sft	52141
29	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	180	28299.30	%Sft	50939
30	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	80	27747.06	%Sft	22198
31	Colour Washing (three Coats)(s.i.25p-54)	12423	1325.15	%Sft	164623
32	White Washing 3 coats (S.I.No 26-C-P.No 54)	4038	829.95	%Sft	33513
33	Primary coat of chalk under distemper (S.I.No. 23 P-54)	14778	442.75	%Sft	65430
34	Distempering 3 Coats (S.I.No 24-C-P.No 54)	14778	1079.65	%Sft	159551
35	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	594	2116.41	%Sft	12571
36	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	707	1160.06	%Sft	8202
37	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc,) and similar open work. (three coat) (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	193	674.6	%Sft	1302
38	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc,) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	1200	1270.83	%Sft	15250

G.Total Part A" **7637011**

Carrage Cost **746900**

G.Total **8383910**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART (B)" WATER SUPPLY & SANITARY FITTING					
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	4.00	5044.60	Each	20178
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	4.00	337.92	P.No	1352
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	100.00	73.21	P.Rft	7321
	ii) 3/4" dia pipe	60.00	95.79	P.Rft	5747
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	2.00	102.95	P.No	206
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	2	18470.00	P.Rft	36940

G.Total Part B

Rs: 71744

G.Total Part A

Rs: 8383910

Grand Total

Rs: 8455655

Say 8.456

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-18 GBPS. Rais Altaf Hussain Rind ,
GBPS. Deh-22 Jamarao Taluka Sinjhor

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	1162	5445	%Cft	63271
2	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	3645	1285.63	%Cft	46861
3	Removing cement palster from walls (S.I.No. 53 P-13)	4049	121	%Sft	4899
4	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	1611	1306.8	%Sft	21053
5	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	670	8694.95	%Cft	58256
6	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	2028	11948.36	%Cft	242313
7	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	2869	3176.25	%OCft	9113
8	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepretey (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	3497	337	P.Cft	1178489
9	Febrication of mild steel reinfored for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	156	5001.70	Cwt	780265
10	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	6131	12674.36	%Cft	777065
11	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	241	240.50	P.Sft	57961
(b)	For Door	54	228.50	P.Sft	12339
12	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	275	902.93	P.Sft	248306
13	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	208.00	180.50	P.Sft	37544
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	20686	2206.60	%Sft	456457
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	20686	2197.52	%Sft	454579
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	481	3015.76	%Sft	14506
17	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	4801	3275.50	%Sft	157257
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	5720	4411.82	%Sft	252356
19	Cement Concrete palin including placing compacting finishing and curring complete including screending and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	48	12595	%Sft	6046

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	P/L Flooring of verona marbal tiles of size 12" x 12" x 3/4" fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c culling grinding rubbing and polishing etc complete i/c cutting the tiles proper profile (R.A Approved).	618	307	P.Sft	189726
21	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	1882	1887.40	%Sft	35521
22	Providing and laying HALA or Pattern tiles glazed 8" x 8" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i/c cutting tiles to proper profile (S.I.No 61 P.No 48)	660	34520.31	%Sft	227834
23	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	191.00	58.11	P-Sft	11099
24	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2712	12346.65	%Cft	334841
25	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	88	726.72	P.Sft	63951
26	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	5385	1287.44	%Sft	69329
27	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	162	28299.30	%Sft	45845
28	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	109	27747.06	%Sft	30244
29	Colour Washing (three Coats)(s.i.25p-54)	8947	1325.15	%Sft	118561
30	White Washing 3 coats (S.I.No 26-C-P.No 54)	4925	829.95	%Sft	40875
31	Primary coat of chalk under distemper (S.I.No. 23 P-54)	12574	442.75	%Sft	55671
32	Distempering 3 Coats (S.I.No 24-C-P.No 54)	17338	1079.65	%Sft	187190
33	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.I.No 05 (c-ii) P.No 70)	1140	2116.41	%Sft	24127
34	Preparing surface painting Door and Windows any type i/c edges OLD Surface (S.I.No 05(c-i) P.No 70)	418	1160.06	%Sft	4849
35	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc,) and similar open work. (three coat) (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	411	674.6	%Sft	2773
36	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc,) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	96	1270.83	%Sft	1220

G.Total Part A" **6322591**

Carrage Cost **882001**

G.Total **7204592**

PART (B)" WATER SUPPLY & SANITARY FITTING

1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	4.00	5044.60	Each	20178
---	---	------	---------	------	-------

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	4.00	337.92	P.No	1352
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	100.00	73.21	P.Rft	7321
	ii) 3/4" dia pipe	60.00	95.79	P.Rft	5747
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	2.00	102.95	P.No	206
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc,plate form (R.A)	2	18470.00	P.Rft	36940

G.Total Part B

Rs: 71744

G.Total Part A


Rs: 7204592

Grand Total

Rs: 7276337

Say 7.276

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS, Mureed Keerio Taluka Sinjhor

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling of second class tiles roofing (S.I.No: 22 P.No: 09)	1154	378.10	%Cft	4363
2	Dismantling steel rolled beam (S.I.No: 42 P.No: 13)	22	126.04	P.Cwt	2773
3	Removing cement palster from walls (S.I.No. 53 P-13)	1934	121	%Sft	2340
4	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	568	1306.8	%Sft	7423
5	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No,10)	358	5445	%Cft	19493
6	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	3133	1285.63	%Cft	40279
7	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	3113	3176.25	%OCft	9888
8	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1385	8694.95	%Cft	120425
9	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	2049	11948.36	%Cft	244822
10	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid sepreteley (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	4240	337	P.Cft	1428880
11	Febrication of mild steel reinfored for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	189	5001.70	Cwt	945321
12	filling watering and ramming under floor with new earth excavtd from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	3715	3630	%OCft	13485
13	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	6341	12674.36	%Cft	803681
14	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	352	240.50	P.Sft	84656
(b)	For Door	110	228.50	P.Sft	25135
15	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	181	902.93	P.Sft	163430
16	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	175.00	180.50	P.Sft	31588
17	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	15535	2206.60	%Sft	342795
18	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	15535	2197.52	%Sft	341385
19	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	191	3015.76	%Sft	5760
20	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	4075	3275.50	%Sft	133477
21	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	2340	4411.82	%Sft	103237

S.No.	Name of Item	Quantity	Rate	Unit	Amount
22	Cement Concrete plain including placing compacting finishing and curing complete including screending and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	420	12595	%Sft	52899
23	P/L Flooring of verona marbal tiles of size 12"X12" X3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c curing grinding rubbing and polishing etc complete i/c cutting the tiles proper profile (R.A Approved).	3230	307	P.Sft	991610
24	Providing and Fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base i/c filling the joints and washing the tiles with white cement slurry, current finishing cleaning and (New work) (S.I.No 68 P.No 49)	328	186.04	P.Sft	61021
25	Providing and laying HALA or Pattern tiles glazed 8"X8" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i/c cutting tiles to proper profile (S.I.No 61 P.No 48)	540	34520.31	%Sft	186410
26	Making Notice Board with Cement Sand (S.I.No:2 P.No: 95)	198.00	58.11	P-Sft	11506
27	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	3291	1887.40	%Sft	62114
28	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2377	12346.65	%Cft	293480
29	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	48	726.72	P.Sft	34883
30	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	5355	1287.44	%Sft	68942
31	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	90	28299.30	%Sft	25469
32	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	40	27747.06	%Sft	11099
33	Distempering 2 Coats (S.I.No 24-b-P.No 54)	2613	1043.90	%Sft	27277
34	White Washing 2 coats (S.I.No 26-b-P.No 54)	981	425.84	%Sft	4177
35	White Washing 3 coats (S.I.No 26-a-P.No 54)	2996	829.95	%Sft	24865
36	Colour wash 2 coats (S.I.No 25-b P.No 54)	3536	859.90	%Sft	30406
37	Distempering 3 Coats (S.I.No 24-a-P.No 54)	11383	1079.65	%Sft	122897
38	Primary coat of chalk under distemper (S.I.No. 23 P-54)	11383	442.75	%Sft	50398
39	Preparing surface painting Door and Windows any type i/c edges OLD Surface (S.I.No 05(c-i) P.No 70)	384	1160.06	%Sft	4455
40	preparing surface and painting guard bars gates, iron bars, grating, railing (i/c standard braces etc.) and similar open work. (three coat) (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	242	674.6	%Sft	1633
41	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.I.No 05 (c-ii) P.No 70)	540	2116.41	%Sft	11429

G.Total Part A" **6951605**

Carrage Cost **557519**

G.Total **7509124**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
-------	--------------	----------	------	------	--------

PART (B)" WATER SUPPLY & SANITARY FITTING

1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part A

Rs: 18755

G.Total Part B


Rs: 7509124

Grand Total

Rs: 7527879

Say 7.528

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-23 GBPS Sahib khan Nizamani , GBPS Khabar Gaho ,
GGPS Qazi Amir Akhtar Shahdadpur Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:3. 6 ratio(s.i.no-19p-10)	434	1306.80	%Cft	5672
2	Dismantling cement concrete reinf.sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	850	5445	%Cft	46283
3	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	1626	1285.63	%Cft	20904
4	Removing cement plaster from walls(s.i.no53-p13)	1868	121	%Cft	2260
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	936	378.13	%Cft	3539
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	49.50	126.04	pcwt	6239
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	2236	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	6	142.18	pno	853
9	Removing windwo & sky light (s.i.no-33p-12)	9	102.85	pno	926
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	3275	3176.25	%0Cft	10402
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	2260	8694.95	%Cft	196506
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	4982	11948.36	%Cft	595267
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	6950	3630.00	%0Cft	25229
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1950	1512.30	%0Cft	2949
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	3936	337	Cft	1326432
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	144.00	5001.70	Cwt	720245
17	MS Bars	107.00	4820.20	Cwt	515761


S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4650	12674.36	%Cft	589358
19	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	0	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	305	228.90	Rft	69815
21	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	460.00	240.50	Rft	110630
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	360.00	180.50	Sft	64980
23	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144.00	726.72	P-Sft	104648
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	12960	2206.6	%Sft	285975
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	12960	2197.52	%Sft	284799
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	685.00	3015.76	%Sft	20658
27	Making notice board with cement sand(s.i.no-1p-100)	365.00	58.11	psft	21210
28	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1260.00	4411.82	%Sft	55589
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	970	3275.50	%Sft	31772
30	Extra labour rate for making cement plaster patter patts/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
31	Cement pointing struck joint on walls 1,2.,ratio(s.i.no19p-58)	4446	1287.44	%Sft	57240
32	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	813.00	902.93	Sft	734082
33	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	936	14429.25	%cft	135058

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	5823	307	P-Sft	1787661
35	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	660.00	186.04	P-Sft	122786
36	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
37	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	205	27678.86	%Sft	56742
38	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	463.00	28299.30	%Sft	131026
39	White Washing (Three Coats)(s.i.no-25p-59)	6286	829.95	%Sft	52171
40	Priming coat of chalk under distempering (s.i.no-23.p58	14760	442.75	%Sft	65350
41	Distempering (Three coats)(s.i.no-24p-54)	14760	1079.65	%Sft	159356
42	Colour Washing (three Coats)(s.i.25p-54)	12008	1325.15	%Sft	159124
43	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	950.00	2116.41	%Sft	20106
44	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1250	1270.83	%Sft	15885
45	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1135.00	2567.95	%Sft	29146
46	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3907.00	1887.40	%Sft	73741
			Total		8798300
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squarting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b; and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe' (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing chamber 15x9" inside dimension s 24" deep for house meter with 6" thick c.c. 1.3.6 block set on cement mortar 6" thick c.c. 1.4.8 in foundation 1/2" thick c.c. 1.3. to all inside wall surface & top 1" thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixed in c.c. 12.4. i/c curbing back filling & disposal of earth etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824
G.Total Part B"				Rs	99180
Total Part -A				Rs	8798300
Total carriage of Material				Rs	191750
G:Total				Rs	9089230
				Say	9.089

Note: Any variation in the description on item Quantities, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS Ghualm Muhammad Leghari Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	40	1306.80	%Cft	523
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	357	5445	%Cft	19439
3	Dismantling pacca brck work or lime cement mortar (s.i.no-13p-10)	4115	1285.63	%Cft	52904
4	Removing cement plaster from walls(s.i.no53-p13)	2338	121	%Cft	2829
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	1798	378.13	%Cft	6799
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	51.42	126.04	pcwt	6481
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	150	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	4	142.18	pno	569
9	Removing windwo & sky light (s.i.no-33p-12)	3	102.85	pno	309
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	3647	3176.25	%0Cft	11584
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	1476	8694.95	%Cft	128337
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	2620	11948.36	%Cft	313047
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	8228	3630.00	%0Cft	29868
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	0	1512.30	%0Cft	0
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1;2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	5523	337	Cft	1861251
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	259.32	5001.70	Cwt	1297041
17	MS Bars	49.31	4820.20	Cwt	237684

S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	5360	12674.36	%Cft	679346
19	Pacc Brick Work in Other than Building 1:6 ratio(s.i.no-7p-25)	0	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	103	228.90	Rft	23577
21	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	488.00	240.50	Rft	117364
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	643.00	180.50	Sft	116062
23	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement .(s.i.no-31-p-93)	21.00	231.60	Sft	4864
24	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	48.00	726.72	P-Sft	34883
25	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	18490	2206.6	%Sft	408000
26	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	18490	2197.52	%Sft	406321
27	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	397.00	3015.76	%Sft	11973
28	Making notice board with cement sand(si.no-1p-100)	288.00	58.11	psft	16736
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	2410.00	4411.82	%Sft	106325
30	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	6168	3275.50	%Sft	202033
31	Extra labour rate for making cement plaster patten patts/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	794.00	19.36	Rft	15372
32	Cement pointing struck joint on walls 1,2, ratio(s.i.no19p-58)	5158	1287.44	%Sft	66406
33	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	563.00	902.93	Sft	508350

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	305	14429.25	%cft	44009
35	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	2240	307	P-Sft	687680
36	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	326.00	186.04	P-Sft	60649
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	254	34520.31	%Sft	87682
38	Extra labour for lifting of steel above first floor for every addition floor (s.i.no-20-p-23)	7.00	760.03	%Sft	53
39	Extra labour in brick work for every 5ft addition height (s.i.no-8-p-23)	953.00	438.3	%Sft	4177
40	Extra labour for each story above ground for moaisc conglomerate or tiles/stone and wooden floor (s.i.no-18-p-42)	383.00	226.28	%Sft	867
41	Extra labour rate for laying concrete plain or reifr: (s.i.no-12-p-18)	3958.00	1210	%Cft	47892
42	Extra labour for lime mud or cement plaster and pointing from 12ft to above to addition 10ft height (s.i.no-29-p-64)	7938.00	140.97	%Sft	11190
43	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	119	27678.86	%Sft	32938
44	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4"thick i/c finishing(s.i.n.o-37p-44)	169.00	28299.30	%Sft	47826
45	White Washing (Three Coats)(s.i.no-25p-59)	5393	829.95	%Sft	44759
46	Priming coat of chalk under distempering (s.i.no-23.p58	15156	442.75	%Sft	67103
47	Distempering (Three coats)(s.i.no-24p-54)	15156	1079.65	%Sft	163632
48	Colour Washing (three Coats)(s.i.25p-54)	6880	1325.15	%Sft	91170
49	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	1126.00	2116.41	%Sft	23831
50	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	645	1270.83	%Sft	8197
51	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1058.00	2567.95	%Sft	27169

S.No.	Name of Item	Quantity	Rate	Unit	Amount
52	Extra labour for external surface for distemper /paint white wash/colour wash /weather coat above 20ft height every ussig long ladder or jhoola for each coat for every 10 addition height(s.i.no 42p-58)	7936.00	228.09	%Sft	18101
53	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	4704.00	1887.40	%Sft	88783
54	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	200	2117.50	%ocft	58295
55	Leveling earth 6"layers and dressing complete(s.i.no-13p-3)	1160	263.00	%ocft	7240
			Total		8313163

PART B" WATER SUPPLY & SANITARY FITTING

1	Providing and fixing squatting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	30.00	73.21	P/Rft	2196
	ii). 3/4" dia pipe	60.00	95.79	P/Rft	5747
	ii) 1"	30.00	128.55	P/Rft	3857
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhg & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	36.00	199.30	P/Rft	7175
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	4.00	337.92	Each	1352
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type pillar cock of suP:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	1.00	1082.95	Each	1083
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497

S.No.	Name of Item	Quantity	Rate	Unit	Amount
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2" (11p-18)	1.00	478.28	Each	478
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	2.00	365.42	Each	731
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41)(PHD)	90.00	160.00	Each	14400
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe` (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and lining joints to nyloon connection (s.i.no 1-p-8)	3.00	447.15	Each	1341
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	3.00	1671.53	Each	5015
19	Providing chamber 15x9" insiide dimnation s 24"deep for house meter with 6"thikc c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824

G.Total Part B"

Total Part -A

Total carriage of Material

G:Total

Rs 97859

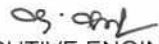
Rs 8313163

Rs 856978

Rs 9268000

Say 9.268

Note: Any variation in the description on item Quantites, Rates if any as per
Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-20 GBPS Shah Abdul Latif , GBPS Mazar Khan Brohi at
Gulshan Town Shahdadpur Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	434	1306.80	%Cft	5672
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	850	5445	%Cft	46283
3	Dismantling pacca brck work or lime cement mortor (s.i.no-13p-10)	1626	1285.63	%Cft	20904
4	Removing cement plaster from walls(s.i.no53-p13)	1868	121	%Cft	2260
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	936	378.13	%Cft	3539
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	49.50	126.04	pcwt	6239
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	2236	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	6	142.18	pno	853
9	Removing windwo & sky light (s.i.no-33p-12)	9	102.85	pno	926
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.l.no 18p-5)	3275	3176.25	%0Cft	10402
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	2260	8694.95	%Cft	196506
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	4982	11948.36	%Cft	595267
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	6950	3630.00	%0Cft	25229
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1950	1512.30	%0Cft	2949
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	3936	337	Cft	1326432
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	144.00	5001.70	Cwt	720245
17	MS Bars	107.00	4820.20	Cwt	515761


S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4650	12674.36	%Cft	589358
19	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	1940	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	305	228.90	Rft	69815
21	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	460.00	240.50	Rft	110630
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	360.00	180.50	Sft	64980
23	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement .(s.i.no-31-p-93)	0.00	231.60	Sft	0
24	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144.00	726.72	P-Sft	104648
25	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	12960	2206.6	%Sft	285975
26	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	12960	2197.52	%Sft	284799
27	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	685.00	3015.76	%Sft	20658
28	Making notice board with cement sand(si.no-1p-100)	365.00	58.11	psft	21210
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1260.00	4411.82	%Sft	55589
30	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	970	3275.50	%Sft	31772
31	Extra labour rate for making cement plaster patten pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
32	Cement pointing struck joint on walls 1,2.,ratio(s.i.no19p-58)	4446	1287.44	%Sft	57240
33	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	813.00	902.93	Sft	734082

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	936	14429.25	%cft	135058
35	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement laid over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slurry cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	5823	307	P-Sft	1787661
36	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polishing comp(s.i.no-68p-48)	660.00	186.04	P-Sft	122786
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
38	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	205	27678.86	%Sft	56742
39	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4"thick i/c finishing(s.i.n.o-37p-44)	463.00	28299.30	%Sft	131026
40	White Washing (Three Coats)(s.i.no-25p-59)	6286	829.95	%Sft	52171
41	Priming coat of chalk under distempering (s.i.no-23.p58)	14760	442.75	%Sft	65350
42	Distempering (Three coats)(s.i.no-24p-54)	14760	1079.65	%Sft	159356
43	Colour Washing (three Coats)(s.i.25p-54)	12008	1325.15	%Sft	159124
44	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	950.00	2116.41	%Sft	20106
45	Preparing surface and painting guard bars gates, iron bars, grating, railing (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1250	1270.83	%Sft	15885
46	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of paris and than painting with weather coat of approved makes(s.i.no38-p-55)	1135.00	2567.95	%Sft	29146
47	Extra labour for external surface for distemper /paint white wash/colour wash /weather coat above 20ft height every ussig long ladder or jhoola for each coat for every 10 addition height(s.i.no 42p-58)	0.00	228.09	%Sft	0
48	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3907.00	1887.40	%Sft	73741
			Total		8798300

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squaring type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhg & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type piller cock of sup:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe" (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470

S.No.	Name of Item	Quantity	Rate	Unit	Amount
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343
19	Providing chamber 15x9" insiide dimnation s 24"deep for house meter with 6"thikc c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back fffilling & disposal of earh etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824
G.Total Part B"				Rs	99180
Total Part -A				Rs	8798300
Total carriage of Material				Rs	112520
G:Total				Rs	9010000
				Say	9.010

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-21 GBPS Lakhadino Subhopoto , GBLSS Ch
Mohammad Hanif Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:3. 6 ratio(s.i.no-19p-10)	434	1306.80	%Cft	5672
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	850	5445	%Cft	46283
3	Dismantling pacca brck work or lime cement mortor (s.i.no-13p-10)	1626	1285.63	%Cft	20904
4	Removing cement plaster from walls(s.i.no53-p13)	1868	121	%Cft	2260
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	936	378.13	%Cft	3539
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	49.50	126.04	pcwt	6239
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	2236	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	6	142.18	pno	853
9	Removing windwo & sky light (s.i.no-33p-12)	9	102.85	pno	926
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	3275	3176.25	%0Cft	10402
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	2260	8694.95	%Cft	196506
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	4982	11948.36	%Cft	595267
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	6950	3630.00	%0Cft	25229
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1950	1512.30	%0Cft	2949
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	3936	337	Cft	1326432
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	144.00	5001.70	Cwt	720245
17	MS Bars	107.00	4820.20	Cwt	515761

S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4650	12674.36	%Cft	589358
19	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	1940	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	305	228.90	Rft	69815
21	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	460.00	240.50	Rft	110630
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	360.00	180.50	Sft	64980
23	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144.00	726.72	P-Sft	104648
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	12960	2206.6	%Sft	285975
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	12960	2197.52	%Sft	284799
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	685.00	3015.76	%Sft	20658
27	Making notice board with cement sand(s.i.no-1p-100)	365.00	58.11	psft	21210
28	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1260.00	4411.82	%Sft	55589
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	970	3275.50	%Sft	31772
30	Extra labour rate for making cement plaster pattern patts/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
31	Cement pointing struck joint on walls 1,2,,ratio(s.i.no19p-58)	4446	1287.44	%Sft	57240
32	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	813.00	902.93	Sft	734082
33	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	936	14429.25	%cft	135058

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	5823	307	P-Sft	1787661
35	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skriting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	660.00	186.04	P-Sft	122786
36	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
37	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	205	27678.86	%Sft	56742
38	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	463.00	28299.30	%Sft	131026
39	White Washing (Three Coats)(s.i.no-25p-59)	6286	829.95	%Sft	52171
40	Priming coat of chalk under distempering (s.i.no-23.p58	14760	442.75	%Sft	65350
41	Distempering (Three coats)(s.i.no-24p-54)	14760	1079.65	%Sft	159356
42	Colour Washing (three Coats)(s.i.25p-54)	12008	1325.15	%Sft	159124
43	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	950.00	2116.41	%Sft	20106
44	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1250	1270.83	%Sft	15885
45	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1135.00	2567.95	%Sft	29146
46	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3907.00	1887.40	%Sft	73741
			Total		8798300
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squarting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type piller cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe` (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing chamber 15x9" inside dimension s 24" deep for house meter with 6" thick c.c. 1.3.6 block set on cement mortar 6" thick c.c. 1.4.8 in foundation 1/2" thick c.c. 1.3. to all inside wall surface & top 1" thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixed in c.c. 12.4. i/c curbing back filling & disposal of earth etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824

G.Total Part B"

Rs 99180

Total Part -A

Rs 8798300

Total carriage of Material

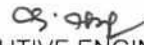
Rs 618520.00

G:Total

Rs 9516000

Say 9.516

Note: Any variation in the description on item Quantities, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS Essa Makrani Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:3. 6 ratio(s.i.no-19p-10)	233	1306.80	%Cft	3045
1	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	638	5445	%Cft	34739
2	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	926	1285.63	%Cft	11905
3	Removing cement plaster from walls(s.i.no53-p13)	868	121	%Cft	1050
4	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	100	226.88	%Cft	3648
5	Removing door with chwoks(s.i.no33-p12)	4	142.18	pno	569
6	Removing window & sky light (s.i.no-33p-12)	3	102.85	pno	309
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	2775	3176.25	%0Cft	8814
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	1860	8694.95	%Cft	161726
9	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	3782	11948.36	%Cft	451887
10	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	4328	3630.00	%0Cft	15711
11	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1557	1512.30	%0Cft	2355
12	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1;2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	2137	337	Cft	720169
13	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	94.97	5001.70	Cwt	475011
14	MS Bars	107.43	4820.20	Cwt	517834
15	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	3157	12674.36	%Cft	400130

S.No.	Name of Item	Quantity	Rate	Unit	Amount
16	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	105	228.90	Rft	24035
17	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	254.00	240.50	Rft	61087
18	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill).(s.i.no-26-p-92)	164.00	180.50	Sft	29602
19	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	48.00	726.72	P-Sft	34883
20	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	9991	2206.6	%Sft	220461
21	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	9991	2197.52	%Sft	219554
22	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	285.00	3015.76	%Sft	8595
23	Making notice board with cement sand(s.i.no-1p-100)	128.00	58.11	psft	7438
24	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	686.00	4411.82	%Sft	30265
25	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	4985	3275.50	%Sft	163284
26	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
27	Cement pointing struck joint on walls 1,2,,ratio(s..i.no19p-58)	2846	1287.44	%Sft	36641
28	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	271.00	902.93	Sft	244694
29	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	336	14429.25	%cft	48482

S.No.	Name of Item	Quantity	Rate	Unit	Amount
30	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	2058	307	P-Sft	631806
31	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skriting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	232.00	186.04	P-Sft	43161
32	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
33	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	105	27678.86	%Sft	29063
34	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	163.00	28299.30	%Sft	46128
35	White Washing (Three Coats)(s.i.no-25p-59)	3286	829.95	%Sft	27272
36	Priming coat of chalk under distempering (s.i.no-23.p58	10490	442.75	%Sft	46444
37	Distempering (Three coats)(s.i.no-24p-54)	10490	1079.65	%Sft	113255
38	Colour Washing (three Coats)(s.i.25p-54)	5208	1325.15	%Sft	69014
39	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	543.00	2116.41	%Sft	11492
40	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	475	1270.83	%Sft	6036
41	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	576.00	2567.95	%Sft	14791
42	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3307.00	1887.40	%Sft	62416
43	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	120	2117.50	%ocft	58295
44	Leveling earth 6"layers and dressing complete(s.i.no 13p-3)	150	263.00	%ocft	7240
			Total		5180615

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squatting type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type piller cock of suP:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scocket etc comp:(F/pipe' (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470

S.No.	Name of Item	Quantity	Rate	Unit	Amount
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343
19	Providing chamber 15x9" insiide dimnation s 24"deep for house meter with 6"thikc c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824
20	Construction of main hole or inspection chamber for required dia meter of circular for house meter with 6"thikc c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal etc(PHE)	0.00	14748.00	Each	0
21	S/F Fiber glass tank of approved quality in design wall thickness specified i/c cost of nuts bolts & fixing in plate form c.c. 1.3.6 ratio i/s outlet pipe etc comp(250) gallon (s.i.no.3-p-21)	0.00	25935.00	Each	0

G.Total Part B"


Total Part -A

Total carriage of Material

G:Total

Rs	99180
Rs	5180615
Rs	171205
Rs	5451000
Say	5.451

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS Sher Khan Leghari Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:3. 6 ratio(s.i.no-19p-10)	764	1306.80	%Cft	9984
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	69	5445	%Cft	3757
3	Dismantling pacca brick work or lime cement mortor (s.i.no-13p-10)	1306	1285.63	%Cft	16790
4	Removing cement plaster from walls(s.i.no53-p13)	4507	121	%Cft	5453
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	1182	378.13	%Cft	4469
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	35.25	126.04	pcwt	4443
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	0	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	4	142.18	pno	569
9	Removing windwo & sky light (s.i.no-33p-12)	4	102.85	pno	411
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	2418	3176.25	%0Cft	7680
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	2021	8694.95	%Cft	175725
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	2739	11948.36	%Cft	327266
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	4046	3630.00	%0Cft	14687
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1038	1512.30	%0Cft	1570
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	1649	337	Cft	555713
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	77.89	5001.70	Cwt	389582
17	MS Bars	10.38	4820.20	Cwt	50034


S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	3158	12674.36	%Cft	400256
19	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	1215	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	85	228.90	Rft	19457
21	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	189.00	240.50	Rft	45455
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill).(s.i.no-26-p-92)	142.00	180.50	Sft	25631
23	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement .(s.i.no-31-p-93)	0.00	231.60	Sft	0
24	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60.00	726.72	P-Sft	43603
25	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	7075	2206.6	%Sft	156117
26	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	7075	2197.52	%Sft	155475
27	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	4276.00	3015.76	%Sft	128954
28	Making notice board with cement sand(s.i.no-1p-100)	64.00	58.11	psft	3719
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	2696.00	4411.82	%Sft	118943
30	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	3361	3275.50	%Sft	110090
31	Extra labour rate for making cement plaster patten pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	794.00	19.36	Rft	15372
32	Cement pointing struck joint on walls 1,2.,ratio(s.i.no19p-58)	5158	1287.44	%Sft	66406
33	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	563.00	902.93	Sft	508350

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	305	14429.25	%cft	44009
35	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	2240	307	P-Sft	687680
36	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	326.00	186.04	P-Sft	60649
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	254	34520.31	%Sft	87682
38	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	119	27678.86	%Sft	32938
39	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4"thick i/c finishing(s.i.n.o-37p-44)	169.00	28299.30	%Sft	47826
40	White Washing (Three Coats)(s.i.no-25p-59)	5393	829.95	%Sft	44759
41	Priming coat of chalk under distempering (s.i.no-23.p58	15156	442.75	%Sft	67103
42	Distempering (Three coats)(s.i.no-24p-54)	15156	1079.65	%Sft	163632
43	Colour Washing (three Coats)(s.i.25p-54)	6880	1325.15	%Sft	91170
44	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	1126.00	2116.41	%Sft	23831
45	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	645	1270.83	%Sft	8197
46	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1058.00	2567.95	%Sft	27169
47	Extra labour for external surface for distemper /paint white wash/colour wash /weather coat above 20ft height every ussig long ladder or jhoola for each coat for every 10 addition height(s.i.no 42p-58)	7936.00	228.09	%Sft	18101
48	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	4704.00	1887.40	%Sft	88783
49	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	28	2117.50	%ocft	58295
50	Leveling earth 6"layers and dressing complete(s.i.no-13p-3)	750	263.00	%ocft	7240
			Total		4928672

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squaring type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	30.00	73.21	P/Rft	2196
	ii). 3/4" dia pipe	60.00	95.79	P/Rft	5747
	ii) 1"	30.00	128.55	P/Rft	3857
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	36.00	199.30	P/Rft	7175
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	4.00	337.92	Each	1352
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type pillar cock of suP:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	1.00	1082.95	Each	1083
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	1.00	478.28	Each	478
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	2.00	365.42	Each	731
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	90.00	160.00	Each	14400
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe' (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470

S.No.	Name of Item	Quantity	Rate	Unit	Amount
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	3.00	447.15	Each	1341
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	3.00	1671.53	Each	5015
19	Providing chamber 15x9" insiide dimnation s 24"deep for house meter with 6"thikc c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824
G.Total Part B"				Rs	97859
Total Part -A				Rs	4928672
Total carriage of Material & contingency				Rs	736469
G:Total				Rs	5762999
				Say	5.763

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS Jalal Noonari Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	764	1306.80	%Cft	9984
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	69	5445	%Cft	3757
3	Dismantling pacca brck work or lime cement mortor (s.i.no-13p-10)	1306	1285.63	%Cft	16790
4	Removing cement plaster from walls(s.i.no53-p13)	4507	121	%Cft	5453
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	1182	378.13	%Cft	4469
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	35.25	126.04	pcwt	4443
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	0	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	4	142.18	pno	569
9	Removing windwo & sky light (s.i.no-33p-12)	4	102.85	pno	411
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s,i,no 18p-5)	2418	3176.25	%0Cft	7680
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	1011	8694.95	%Cft	87906
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	920	11948.36	%Cft	109925
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	245	3630.00	%0Cft	889
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1038	1512.30	%0Cft	1570
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1;2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	1649	337	Cft	555713
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	77.89	5001.70	Cwt	389582
17	MS Bars	10.38	4820.20	Cwt	50034


S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	220	12674.36	%Cft	27884
19	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	1215	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	4	228.90	Rft	916
21	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92	6.00	240.50	Rft	1443
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	20.00	180.50	Sft	3610
23	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60.00	726.72	P-Sft	43603
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57	4550	2206.6	%Sft	100400
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	4550	2197.52	%Sft	99987
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	4276.00	3015.76	%Sft	128954
27	Making notice board with cement sand(si.no-1p-100)	64.00	58.11	psft	3719
28	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	2020.00	4411.82	%Sft	89119
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	210	3275.50	%Sft	6879
30	Extra labour rate for making cement plaster patten patts/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	794.00	19.36	Rft	15372
31	Cement pointing struck joint on walls 1,2.,ratio(s.i.no19p-58)	5158	1287.44	%Sft	66406
32	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	563.00	902.93	Sft	508350
33	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	305	14429.25	%cft	44009

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	2240	307	P-Sft	687680
35	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skriting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polishing comp(s.i.no-68p-48)	326.00	186.04	P-Sft	60649
36	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	254	34520.31	%Sft	87682
37	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	119	27678.86	%Sft	32938
38	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	169.00	28299.30	%Sft	47826
39	White Washing (Three Coats)(s.i.no-25p-59)	5393	829.95	%Sft	44759
40	Priming coat of chalk under distempering (s.i.no-23.p58)	15156	442.75	%Sft	67103
41	Distempering (Three coats)(s.i.no-24p-54)	15156	1079.65	%Sft	163632
42	Colour Washing (three Coats)(s.i.25p-54)	6880	1325.15	%Sft	91170
43	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	1126.00	2116.41	%Sft	23831
44	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	645	1270.83	%Sft	8197
45	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1058.00	2567.95	%Sft	27169
46	Extra labour for external surface for distemper /paint white wash/colour wash /weather coat above 20ft height every ussig long ladder or jhoola for each coat for every 10 addition height(s.i.no 42p-58)	7936.00	228.09	%Sft	18101
47	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	4704.00	1887.40	%Sft	88783
48	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	28	2117.50	%ocft	58295
49	Leveling earth 6"layers and dressing complete(s.i.no-13p-3)	1120	263.00	%ocft	7240
			Total		8350000

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squaring type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	30.00	73.21	P/Rft	2196
	ii). 3/4" dia pipe	60.00	95.79	P/Rft	5747
	ii) 1"	30.00	128.55	P/Rft	3857
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	36.00	199.30	P/Rft	7175
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	4.00	337.92	Each	1352
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	1.00	1082.95	Each	1083
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	1.00	478.28	Each	478
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	2.00	365.42	Each	731
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	90.00	160.00	Each	14400
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scocket etc comp:(F/pipe'(s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470

S.No.	Name of Item	Quantity	Rate	Unit	Amount
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	3.00	447.15	Each	1341
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	3.00	1671.53	Each	5015
19	Providing chamber 15x9" insiide dimnation s 24"deep for house meter with 6"thikc c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824
G.Total Part B"				Rs	122000
Total Part -A				Rs	8350000
Total carriage of Material				Rs	412000.000
G:Total				Rs	8884000
				Say	8.884

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-22 GBPS Maldasi , GBPS Khudadad Kapri GGLSS
Niswan Shahdadpur Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	434	1306.80	%Cft	5672
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	850	5445	%Cft	46283
3	Dismantling pacca brck work or lime cement mortar (s.i.no-13p-10)	1626	1285.63	%Cft	20904
4	Removing cement plaster from walls(s.i.no53-p13)	1868	121	%Cft	2260
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	936	378.13	%Cft	3539
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	49.50	126.04	pcwt	6239
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	2236	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	6	142.18	pno	853
9	Removing windwo & sky light (s.i.no-33p-12)	9	102.85	pno	926
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s,i,no 18p-5)	3275	3176.25	%0Cft	10402
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	2260	8694.95	%Cft	196506
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	4982	11948.36	%Cft	595267
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	6950	3630.00	%0Cft	25229
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1950	1512.30	%0Cft	2949
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid sepately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1;2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	3936	337	Cft	1326432
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	144.00	5001.70	Cwt	720245
17	MS Bars	107.00	4820.20	Cwt	515761

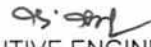
S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4650	12674.36	%Cft	589358
19	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	1940	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	305	228.90	Rft	69815
21	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	460.00	240.50	Rft	110630
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	360.00	180.50	Sft	64980
23	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement .(s.i.no-31-p-93)	0.00	231.60	Sft	0
24	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144.00	726.72	P-Sft	104648
25	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	12960	2206.6	%Sft	285975
26	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	12960	2197.52	%Sft	284799
27	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	685.00	3015.76	%Sft	20658
28	Making notice board with cement sand(s.i.no-1p-100)	365.00	58.11	psft	21210
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1260.00	4411.82	%Sft	55589
30	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	970	3275.50	%Sft	31772
31	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
32	Cement pointing struck joint on walls 1,2.,ratio(s.i.no19p-58)	4446	1287.44	%Sft	57240
33	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	813.00	902.93	Sft	734082

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	936	14429.25	%cft	135058
35	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	5823	307	P-Sft	1787661
36	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	660.00	186.04	P-Sft	122786
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
38	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	205	27678.86	%Sft	56742
39	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4"thick i/c finishing(s.i.n.o-37p-44)	463.00	28299.30	%Sft	131026
40	White Washing (Three Coats)(s.i.no-25p-59)	6286	829.95	%Sft	52171
41	Priming coat of chalk under distempering (s.i.no-23.p58	14760	442.75	%Sft	65350
42	Distempering (Three coats)(s.i.no-24p-54)	14760	1079.65	%Sft	159356
43	Colour Washing (three Coats)(s.i.25p-54)	12008	1325.15	%Sft	159124
44	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	950.00	2116.41	%Sft	20106
45	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1250	1270.83	%Sft	15885
46	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1135.00	2567.95	%Sft	29146
47	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3907.00	1887.40	%Sft	73741
			Total		8798300
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squarting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type piller cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41)(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe' (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing chamber 15x9" inside dimension s 24" deep for house meter with 6" thick c.c. 1.3.6 block set on cement mortar 6" thick c.c. 1.4.8 in foundation 1/2" thick c.c. 1.3. to all inside wall surface & top 1" thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixed in c.c. 12.4. i/c curbing back filling & disposal of earth etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824
G.Total Part B"				Rs	99180
Total Part -A				Rs	8798300
Total carriage of Material & contingency				Rs	873520
G:Total				Rs	9771000
				Say	9.771

Note: Any variation in the description on item Quantities, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-23 GBPS Islamia Urdu Shahdadpur , GBPS Dr.Abdul
Majeed Chhuto , GBPS Rehmania Shahdadpur Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	434	1306.80	%Cft	5672
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	850	5445	%Cft	46283
3	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	1626	1285.63	%Cft	20904
4	Removing cement plaster from walls(s.i.no53-p13)	1868	121	%Cft	2260
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	936	378.13	%Cft	3539
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	49.50	126.04	pcwt	6239
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	2236	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	6	142.18	pno	853
9	Removing windwo & sky light (s.i.no-33p-12)	9	102.85	pno	926
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	3275	3176.25	%0Cft	10402
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	2260	8694.95	%Cft	196506
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	4982	11948.36	%Cft	595267
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	6950	3630.00	%0Cft	25229
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1950	1512.30	%0Cft	2949
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1;2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	3936	337	Cft	1326432
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	144.00	5001.70	Cwt	720245
17	MS Bars	107.00	4820.20	Cwt	515761

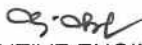
S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4650	12674.36	%Cft	589358
19	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	1940	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	305	228.90	Rft	69815
21	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	460.00	240.50	Rft	110630
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	360.00	180.50	Sft	64980
23	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement .(s.i.no-31-p-93)	0.00	231.60	Sft	0
24	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144.00	726.72	P-Sft	104648
25	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	12960	2206.6	%Sft	285975
26	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	12960	2197.52	%Sft	284799
27	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	685.00	3015.76	%Sft	20658
28	Making notice board with cement sand(si.no-1p-100)	365.00	58.11	psft	21210
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1260.00	4411.82	%Sft	55589
30	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	970	3275.50	%Sft	31772
31	Extra labour rate for making cement plaster patten patts/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
32	Cement pointing struck joint on walls 1,2,ratio(s.i.no19p-58)	4446	1287.44	%Sft	57240
33	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	813.00	902.93	Sft	734082

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	936	14429.25	%cft	135058
35	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	2970	307	P-Sft	911790
36	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	660.00	186.04	P-Sft	122786
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
38	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	205	27678.86	%Sft	56742
39	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	463.00	28299.30	%Sft	131026
40	White Washing (Three Coats)(s.i.no-25p-59)	6286	829.95	%Sft	52171
41	Priming coat of chalk under distempering (s.i.no-23.p58	14760	442.75	%Sft	65350
42	Distempering (Three coats)(s.i.no-24p-54)	14760	1079.65	%Sft	159356
43	Colour Washing (three Coats)(s.i.25p-54)	12008	1325.15	%Sft	159124
44	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	950.00	2116.41	%Sft	20106
45	Preparing surface and painting guard bars gates, iron bars, grating, railing (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1250	1270.83	%Sft	15885
46	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1135.00	2567.95	%Sft	29146
47	Extra labour for external surface for distemper /paint white wash/colour wash /weather coat above 20ft height every ussig long ladder or jhoola for each coat for every 10 addition height(s.i.no 42p-58)	0.00	228.09	%Sft	0
48	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3907.00	1887.40	%Sft	73741
			Total		7922429

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squaring type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhg & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41)(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe` (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470

S.No.	Name of Item	Quantity	Rate	Unit	Amount
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343
19	Providing chamber 15x9" insiide dimnation s 24"deep for house meter with 6"thikc c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824
G.Total Part B"				Rs	99180
Total Part -A				Rs	7922429
Total carriage of Material				Rs	449520
G:Total				Rs	8471129
				Say	8.471

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-24 GBPS Mughal Para Shahdadpur
GGPS Sindhi Shahdadpur Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:3. 6 ratio(s.i.no-19p-10)	434	1306.80	%Cft	5672
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	850	5445	%Cft	46283
3	Dismantling pacca brck work or lime cement mortor (s.i.no-13p-10)	1626	1285.63	%Cft	20904
4	Removing cement plaster from walls(s.i.no53-p13)	1868	121	%Cft	2260
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	936	378.13	%Cft	3539
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	49.50	126.04	pcwt	6239
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	2236	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	6	142.18	pno	853
9	Removing windwo & sky light (s.i.no-33p-12)	9	102.85	pno	926
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.l.no 18p-5)	3275	3176.25	%0Cft	10402
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	2260	8694.95	%Cft	196506
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	4982	11948.36	%Cft	595267
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	6950	3630.00	%0Cft	25229
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1950	1512.30	%0Cft	2949
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	3936	337	Cft	1326432
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	144.00	5001.70	Cwt	720245
17	MS Bars	107.00	4820.20	Cwt	515761

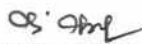
S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4650	12674.36	%Cft	589358
19	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	0	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	305	228.90	Rft	69815
21	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	460.00	240.50	Rft	110630
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	360.00	180.50	Sft	64980
23	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144.00	726.72	P-Sft	104648
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	12960	2206.6	%Sft	285975
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	12960	2197.52	%Sft	284799
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	685.00	3015.76	%Sft	20658
27	Making notice board with cement sand(s.i.no-1p-100)	365.00	58.11	psft	21210
28	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1260.00	4411.82	%Sft	55589
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	970	3275.50	%Sft	31772
30	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
31	Cement pointing struck joint on walls 1,2,,ratio(s..i.no19p-58)	4446	1287.44	%Sft	57240
32	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	813.00	902.93	Sft	734082
33	Cement comncrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreeete.H.ratio 1.2.4(s.no.5p-15)	936	14429.25	%cft	135058

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	5823	307	P-Sft	1787661
35	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	660.00	186.04	P-Sft	122786
36	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
37	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	205	27678.86	%Sft	56742
38	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	463.00	28299.30	%Sft	131026
39	White Washing (Three Coats)(s.i.no-25p-59)	6286	829.95	%Sft	52171
40	Priming coat of chalk under distempering (s.i.no-23.p58	14760	442.75	%Sft	65350
41	Distempering (Three coats)(s.i.no-24p-54)	14760	1079.65	%Sft	159356
42	Colour Washing (three Coats)(s.i.25p-54)	12008	1325.15	%Sft	159124
43	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	950.00	2116.41	%Sft	20106
44	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1250	1270.83	%Sft	15885
45	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1135.00	2567.95	%Sft	29146
46	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3907.00	1887.40	%Sft	73741
			Total		8798300
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squarting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type piller cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe'(s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing chamber 15x9" inside dimnation s 24"deep for house meter with 6"thikc c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824
G.Total Part B"				Rs	99180
Total Part -A				Rs	8798300
Total carriage of Material				Rs	703520.00
G:Total				Rs	9601000
				Say	9.601

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS Mehran Town Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:3. 6 ratio(s.i.no-19p-10)	1057	1306.80	%Cft	13813
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	2112	5445	%Cft	114998
3	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	450	1285.63	%Cft	5785
4	Removing cement plaster from walls(s.i.no53-p13)	12282	121	%Cft	14861
5	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	15220	226.88	%Cft	34531
6	Removing door with chwoks(s.i.no33-p12)	9	142.18	pno	1280
7	Removing windwo & sky light (s.i.no-33p-12)	32	102.85	pno	3291
8	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	7250	3176.25	%0Cft	23028
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	3335	8694.95	%Cft	289977
10	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	2550	11948.36	%Cft	304683
11	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	15850	3630.00	%0Cft	57536
12	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	89520	1512.30	%0Cft	135381
13	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	10120	337	Cft	3410440
14	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	550.36	5001.70	Cwt	2752736
15	MS Bars	99.50	4820.20	Cwt	479610
16	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4555	12674.36	%Cft	577317
17	Pacc Brick Work in Other than Building 1:6 ratio(s.i.no-7p-25)	0	0.00	%Cft	0

S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	230	228.90	Rft	52647
19	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	940.00	240.50	Rft	226070
20	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	1350.00	180.50	Sft	243675
21	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement .(s.i.no-31-p-93)	220.00	231.60	Sft	50952
22	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	48.00	726.72	P-Sft	34883
23	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	18925	2206.6	%Sft	417599
24	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	18925	2197.52	%Sft	415881
25	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	450.00	3015.76	%Sft	13571
26	Making notice board with cement sand(s.i.no-1p-100)	320.00	58.11	psft	18595
27	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1507.00	4411.82	%Sft	66486
28	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	5225	3275.50	%Sft	171145
29	Extra labour rate for making cement plaster pattern/pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	601.00	19.36	Rft	11635
30	Cement pointing struck joint on walls 1:2:4 ratio(s.i.no19p-58)	2650	1287.44	%Sft	34117
31	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	789.00	902.93	Sft	712412
32	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	830	14429.25	%cft	119763

S.No.	Name of Item	Quantity	Rate	Unit	Amount
33	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	8835	307	P-Sft	2712345
34	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skriting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	14920.00	186.04	P-Sft	2775717
35	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	510	34520.31	%Sft	176054
36	Extra labour for lifting of steel above first floor for every addition floor (s.i.no-20-p-23)	6.47	760.03	%Sft	49
37	Extra labour in brick work for every 5ft addition height (s.i.no-8-p-23)	1916.00	438.3	%Sft	8398
38	Extra labour for each story above ground for moaisc conglomerate or tiles/stone and wooden floor (s.i.no-18-p-42)	2018.00	226.28	%Sft	4566
39	Extra labour rate for laying concrete plain or reifn: (s.i.no-12-p-18)	8801.00	1210	%Cft	106492
40	Extra labour for lime mud or cement plaster and pointing from 12ft to above to addition 10ft height (s.i.no-29-p-64)	17907.00	140.97	%Sft	25243
41	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	180	27678.86	%Sft	49822
42	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	150.00	28299.30	%Sft	42449
43	White Washing (Three Coats)(s.i.no-25p-59)	7606	829.95	%Sft	63126
44	Priming coat of chalk under distempering (s.i.no-23.p58	832	442.75	%Sft	3684
45	Distempering (Three coats)(s.i.no-24p-54)	832	1079.65	%Sft	8983
46	Colour Washing (three Coats)(s.i.25p-54)	2991	1325.15	%Sft	39635
47	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	1450.00	2116.41	%Sft	30688
48	Preparing surface and paitning guard bars gates, iron bars, gratting, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	936	1270.83	%Sft	11895
49	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	6575.00	2567.95	%Sft	168843
50	Extra labour for external surface for distemper /paint white wash/colour wash /weather coat above 20ft height every ussig long ladder or jhoola for each coat for every 10 addition height(s.i.no 42p-58)	18335.00	228.09	%Sft	41820

S.No.	Name of Item	Quantity	Rate	Unit	Amount
51	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3827.00	1887.40	%Sft	72231
52	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	12320	2117.50	%ocft	58295
53	Leveling earth 6"layers and dressing complete(s.i.no-13p-3)	12320	263.00	%ocft	32402
			Total		17241433


PART B" WATER SUPPLY & SANITARY FITTING

1	Providing and fixing squaring type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	3.00	5044.60	Each	15134
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	90.00	73.21	P/Rft	6589
	ii). 3/4" dia pipe	250.00	95.79	P/Rft	23948
	ii) 1"	150.00	128.55	P/Rft	19283
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	60.00	146.57	P/Rft	8794
	ii). 6" dia pipe	120.00	199.30	P/Rft	23916
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	4.00	337.92	Each	1352
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	2.00	4253.90	Each	8508
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	2.00	938.47	Each	1877
8	S/F swan type pillar cock of suP:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	2.00	795.30	Each	1591
9	P/F towen rails comp with brackets fixing on wooden cleasts scw 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	2.00	2047.76	Each	4096
11	S/F soap try ware with c.p. scw comp:(s.i.no. 4p-8)	2.00	497.20	Each	994
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544

S.No.	Name of Item	Quantity	Rate	Unit	Amount
	ii). 1" dia	2.00	365.42	Each	731
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41)(PHD)	90.00	160.00	Each	14400
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe' (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	5.00	447.15	Each	2236
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	3.00	1671.53	Each	5015
19	Providing chamber 15x9" inside dimnation s 24"deep for house meter with 6"thick c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	5.00	5912.22	Each	29561
20	Construction of main hole or inspection chamber for required dia meter of circular for house meter with 6"thick c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal etc(PHE)	3.00	14748.00	Each	44244
21	S/F Fiber glass tank of approved quality in design wall thickness specified i/c cost of nuts bolts & fixing in plate form c.c. 1.3.6 ratio i/s outlet pipe etc comp(250) gallon (s.i.no.3-p-21)	0.00	25935.00	Each	0

G.Total Part B"		Rs	237668
Total Part -A		Rs	17241433
Total carriage of Material		Rs	1520899
G:Total		Rs	19000000
		Say	19.000

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS Sindhi Shahdadpur Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:3. 6 ratio(s.i.no-19p-10)	2481	1306.80	%Cft	32422
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	2258	5445	%Cft	122948
3	Dismantling pacca bricik work or lime cement mortar (s.i.no-13p-10)	2507	1285.63	%Cft	32231
4	Removing cement plaster from walls(s.i.no53-p13)	6365	121	%Cft	7702
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	0	378.13	%Cft	0
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	0.00	126.04	pcwt	0
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	0	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	7	142.18	pno	995
9	Removing windwo & sky light (s.i.no-33p-12)	32	102.85	pno	3291
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	200	3176.25	%0Cft	635
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	4818	8694.95	%Cft	418923
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	194	11948.36	%Cft	23180
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	61540	3630.00	%0Cft	223390
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	0	1512.30	%0Cft	0
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	2950	337	Cft	994150
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	158.00	5001.70	Cwt	790269
	MS Bars	24.80	4820.20	Cwt	119541

S.No.	Name of Item	Quantity	Rate	Unit	Amount
17	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	2507	12674.36	%Cft	317746
18	Pacc Brick Work in Other than Building 1:6 ratio(s.i.no-7p-25)	1663	12346.36	%Cft	205320
19	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	88	228.90	Rft	20143
20	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	237.00	240.50	Rft	56999
21	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	165.00	180.50	Sft	29783
22	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement .(s.i.no-31-p-93)	0.00	231.60	Sft	0
23	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60.00	726.72	P-Sft	43603
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	6549	2206.6	%Sft	144510
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	6549	2197.52	%Sft	143916
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	95.00	3015.76	%Sft	2865
27	Making notice board with cement sand(s.i.no-1p-100)	224.00	58.11	psft	13017
28	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	16173.00	4411.82	%Sft	713524
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	14893	3275.50	%Sft	487820
30	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	189.00	19.36	Rft	3659
31	Cement pointing struck joint on walls 1,2..ratio(s.i.no19p-58)	629	1287.44	%Sft	8098
32	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	1470.00	902.93	Sft	1327307

S.No.	Name of Item	Quantity	Rate	Unit	Amount
33	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	344	14429.25	%cft	49637
34	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement laid over 3/4"thick bed 1.2 grey cement mortar setting the tiles with grey White Cement & washing the tiles with slurry cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	3969	307	P-Sft	1218483
35	laying white marble flooring 3/8"thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface ect over 1/2"thick base of cement mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polishing comp(s.i.no-68p-48)	310.00	186.04	P-Sft	57672
36	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	84	34520.31	%Sft	28997
37	S/false ceiling of plaster of paris in panells i/c making frame work of deodar wood i/s panelling with soliga paint (s.i.no-52-p72)	432.00	25293.42	%sft	109268
38	S/F in postionaluminum channeels for door of alock made with 5mm thick tinted glass glazing (Belguim) & almunium glass glazing (Belguim & almunium fly screen i/c handles stoppers and locking arrangement etc comp(s.i.no83p-114)	40.00	1507.66	psft	60306
39	S/F in postionaluminum channeels for windwo of alock made with 5mm thick tinted glass glazing (Belguim) & almunium glass glazing (Belguim & almunium fly screen i/c handles stoppers and locking arrangement etc comp(s.i.no83p-114)	36.00	1647.69	psft	59317
45	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	75	27678.86	%Sft	20759
46	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4"thick i/c finishing(s.i.n.o-37p-44)	120.00	28299.30	%Sft	33959
47	White Washing (Three Coats)(s.i.no-25p-59)	15940	829.95	%Sft	132294
48	Priming coat of chalk under distempering (s.i.no-23.p58)	22672	442.75	%Sft	100380
49	Distempering (Three coats)(s.i.no-24p-54)	22672	1079.65	%Sft	244778
50	Colour Washing (three Coats)(s.i.25p-54)	9308	1325.15	%Sft	123345
51	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	1126.00	2116.41	%Sft	23831
52	Preparing surface and painting guard bars gates, iron bars, grating, railing (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1070	1270.83	%Sft	13598
53	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of paris and than painting with weather coat of approved makes(s.i.no38-p-55)	3641.00	2567.95	%Sft	93499

S.No.	Name of Item	Quantity	Rate	Unit	Amount
54	Extra labour for external surface for distemper /paint white wash/colour wash /weather coat above 20ft height every ussig long ladder or jhoola for each coat for every 10 addition height(s.i.no 42p-58)	0.00	228.09	%Sft	0
55	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	14593.00	1887.40	%Sft	275428
56	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	29	2117.50	%ocft	58295
57	Leveling earth 6"layers and dressing complete(s.i.no-13p-3)	1056	263.00	%ocft	7240
			Total		9002720


PART B" WATER SUPPLY & SANITARY FITTING

1	Providing and fixing squarting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	5.00	5044.60	Each	25223
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	150.00	73.21	P/Rft	10982
	ii). 3/4" dia pipe	300.00	95.79	P/Rft	28737
	ii) 1"	200.00	128.55	P/Rft	25710
3	Providing RCC Pipes with collar class:b: and diging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	100.00	146.57	P/Rft	14657
	ii). 6" dia pipe	120.00	199.30	P/Rft	23916
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	5.00	337.92	Each	1690
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	5.00	348.92	Each	1745
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	2.00	4253.90	Each	8508
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	2.00	938.47	Each	1877
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	2.00	795.30	Each	1591
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	2.00	2047.76	Each	4096
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	2.00	497.20	Each	994
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957

S.No.	Name of Item	Quantity	Rate	Unit	Amount
13	Providing and fixing handle valve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	2.00	365.42	Each	731
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41)(PHD)	90.00	160.00	Each	14400
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scocket etc comp:(F/pipe` (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	5.00	447.15	Each	2236
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	5.00	1671.53	Each	8358
19	Providing chamber 15x9" insiide dimnation s 24"deep for house meter with 6"thick c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	5.00	5912.22	Each	29561
20	Construction of main hole or inspection chamber for required dia meter of circular for house meter with 6"thick c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal etc(PHE)	0.00	14748.00	Each	0
21	S/F Fiber glass tank of approved quality in design wall thickness specified i/c cost of nuts bolts & fixing in plate form c.c. 1.3.6 ratio i/s oulet pipe etc comp(250) gallon (s.i.no.3-p-21)	0.00	25935.00	Each	0

G.Total Part B"				Rs	229015
Total Part -A				Rs	9002720
Total carriage of Material & contingency				Rs	985265
G:Total				Rs	10217000
				Say	10.217

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-25 GGPS Mai Sohni Nagar Shahdadpur,
GBPS Fazkurullah Shah Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:3:6 ratio(s.i.no-19p-10)	434	1306.80	%Cft	5672
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	850	5445	%Cft	46283
3	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	1626	1285.63	%Cft	20904
4	Removing cement plaster from walls(s.i.no53-p13)	1868	121	%Cft	2260
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	936	378.13	%Cft	3539
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	49.50	126.04	pcwt	6239
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	2236	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	6	142.18	pno	853
9	Removing window & sky light (s.i.no-33p-12)	9	102.85	pno	926
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	3275	3176.25	%0Cft	10402
11	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10(s.i.no5-p-5)	2260	8694.95	%Cft	196506
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	4982	11948.36	%Cft	595267
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	6950	3630.00	%0Cft	25229
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1950	1512.30	%0Cft	2949
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge.(s.i.no6-p-15)	3936	337	Cft	1326432
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	144.00	5001.70	Cwt	720245
17	MS Bars	107.00	4820.20	Cwt	515761

S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4650	12674.36	%Cft	589358
19	Pacc Brick Work in Other than Building 1:6 ratio(s.i.no-7p-25)	1940	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	305	228.90	Rft	69815
21	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	460.00	240.50	Rft	110630
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	360.00	180.50	Sft	64980
23	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement .(s.i.no-31-p-93)	0.00	231.60	Sft	0
24	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144.00	726.72	P-Sft	104648
25	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	12960	2206.6	%Sft	285975
26	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	12960	2197.52	%Sft	284799
27	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	685.00	3015.76	%Sft	20658
28	Making notice board with cement sand(s.i.no-1p-100)	365.00	58.11	psft	21210
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1260.00	4411.82	%Sft	55589
30	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	970	3275.50	%Sft	31772
31	Extra labour rate for making cement plaster patten pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
32	Cement pointing struck joint on walls 1:2, ratio(s..i.no19p-58)	4446	1287.44	%Sft	57240
33	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	813.00	902.93	Sft	734082

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	936	14429.25	%cft	135058
35	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	2970	307	P-Sft	911790
36	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	660.00	186.04	P-Sft	122786
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
38	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	205	27678.86	%Sft	56742
39	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	463.00	28299.30	%Sft	131026
40	White Washing (Three Coats)(s.i.no-25p-59)	6286	829.95	%Sft	52171
41	Priming coat of chalk under distempering (s.i.no-23.p58	14760	442.75	%Sft	65350
42	Distempering (Three coats)(s.i.no-24p-54)	14760	1079.65	%Sft	159356
43	Colour Washing (three Coats)(s.i.25p-54)	12008	1325.15	%Sft	159124
44	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	950.00	2116.41	%Sft	20106
45	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1250	1270.83	%Sft	15885
46	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1135.00	2567.95	%Sft	29146
47	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3907.00	1887.40	%Sft	73741
			Total		7922429
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squatting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scocket etc comp:(F/pipe` (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing chamber 15x9" inside dimension 24" deep for house meter with 6" thick c.c. 1.3.6 block set on cement mortar 6" thick c.c. 1.4.8 in foundation 1/2" thick c.c. 1.3. to all inside wall surface & top 1" thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixed in c.c. 12.4. i/c curbing back filling & disposal of earth etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824

G.Total Part B"

Rs 99180

Total Part -A

Rs 7922429

Total carriage of Material


Rs 488391.00

G:Total

Rs 8510000

Say 8.510

Note: Any variation in the description on item Quantities, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-26 GGPS Bahadur Kaloi , GBPS Baqa Dahri Taluka
Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	434	1306.80	%Cft	5672
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	850	5445	%Cft	46283
3	Dismantling pacca brck work or lime cement mortor (s.i.no-13p-10)	1626	1285.63	%Cft	20904
4	Removing cement plaster from walls(s.i.no53-p13)	1868	121	%Cft	2260
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	936	378.13	%Cft	3539
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	49.50	126.04	pcwt	6239
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	2236	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	6	142.18	pno	853
9	Removing windwo & sky light (s.i.no-33p-12)	9	102.85	pno	926
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s,i,no 18p-5)	3275	3176.25	%0Cft	10402
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	2260	8694.95	%Cft	196506
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	4982	11948.36	%Cft	595267
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	6950	3630.00	%0Cft	25229
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1950	1512.30	%0Cft	2949
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	3936	337	Cft	1326432
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	144.00	5001.70	Cwt	720245
17	MS Bars	107.00	4820.20	Cwt	515761

S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4650	12674.36	%Cft	589358
19	Pacc Brick Work in Other than Building 1:6 ratio(s.i.no-7p-25)	1940	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	305	228.90	Rft	69815
21	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	460.00	240.50	Rft	110630
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	360.00	180.50	Sft	64980
23	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement .(s.i.no-31-p-93)	0.00	231.60	Sft	0
24	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144.00	726.72	P-Sft	104648
25	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	12960	2206.6	%Sft	285975
26	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	12960	2197.52	%Sft	284799
27	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	685.00	3015.76	%Sft	20658
28	Making notice board with cement sand(s.i.no-1p-100)	365.00	58.11	psft	21210
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1260.00	4411.82	%Sft	55589
30	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	970	3275.50	%Sft	31772
31	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
32	Cement pointing struck joint on walls 1,2..ratio(s.i.no19p-58)	4446	1287.44	%Sft	57240
33	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	813.00	902.93	Sft	734082

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Cement concrete plain i/c placing compacting finishing & curing comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	936	14429.25	%cft	135058
35	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	2970	307	P-Sft	911790
36	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	660.00	186.04	P-Sft	122786
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
38	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	205	27678.86	%Sft	56742
39	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	463.00	28299.30	%Sft	131026
40	White Washing (Three Coats)(s.i.no-25p-59)	6286	829.95	%Sft	52171
41	Priming coat of chalk under distempering (s.i.no-23.p58	14760	442.75	%Sft	65350
42	Distempering (Three coats)(s.i.no-24p-54)	14760	1079.65	%Sft	159356
43	Colour Washing (three Coats)(s.i.25p-54)	12008	1325.15	%Sft	159124
44	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	950.00	2116.41	%Sft	20106
45	Preparing surface and painting guard bars gates, iron bars, grating, railing (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1250	1270.83	%Sft	15885
46	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1135.00	2567.95	%Sft	29146
47	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3907.00	1887.40	%Sft	73741
			Total		7922429
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squarting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b; and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41)(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe` (s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing chamber 15x9" inside dimension s 24" deep for house meter with 6" thick c.c. 1.3.6 block set on cement mortar 6" thick c.c. 1.4.8 in foundation 1/2" thick c.c. 1.3. to all inside wall surface & top 1" thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixed in c.c. 12.4. i/c curbing back filling & disposal of earth etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824

G.Total Part B"

Rs 99180

Total Part -A

Rs 7922429

Total carriage of Material & contingency

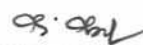
Rs 886391.00

G:Total

Rs 8908000

Say 8.908

Note: Any variation in the description on item Quantities, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-27 GBPS Rais Brohi , GBPS Sarhari ,
GBPS Khan Rind Taluka Shahdadpur

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	434	1306.80	%Cft	5672
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	850	5445	%Cft	46283
3	Dismantling pacca brick work or lime cement mortor (s.i.no-13p-10)	1626	1285.63	%Cft	20904
4	Removing cement plaster from walls(s.i.no53-p13)	1868	121	%Cft	2260
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	936	378.13	%Cft	3539
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	49.50	126.04	pcwt	6239
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	2236	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	6	142.18	pno	853
9	Removing windwo & sky light (s.i.no-33p-12)	9	102.85	pno	926
10	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around 'Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)(s.i.no 18p-5)	3275	3176.25	%0Cft	10402
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	2260	8694.95	%Cft	196506
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	4982	11948.36	%Cft	595267
13	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'(s.i.no22-p-4)	6950	3630.00	%0Cft	25229
14	Filling watering ramming earth under floor with new earth excavated from foundation lead upto one chain and lift upto 5'(s.i.no21-p-4)	1950	1512.30	%0Cft	2949
15	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.(s.i.no6-p-15)	3936	337	Cft	1326432
16	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).(s.i.no 7p-20)	144.00	5001.70	Cwt	720245
17	MS Bars	107.00	4820.20	Cwt	515761


S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	4650	12674.36	%Cft	589358
19	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	0	0.00	%Cft	0
20	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no28-p-92)	305	228.90	Rft	69815
21	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.(s.i.no29p-92)	460.00	240.50	Rft	110630
22	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.(s.i.no-26-p-92)	360.00	180.50	Sft	64980
23	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	144.00	726.72	P-Sft	104648
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	12960	2206.6	%Sft	285975
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	12960	2197.52	%Sft	284799
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	685.00	3015.76	%Sft	20658
27	Making notice board with cement sand(s.i.no-1p-100)	365.00	58.11	psft	21210
28	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)(s.i.no16p-47)	1260.00	4411.82	%Sft	55589
29	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)(s.i.no16-p-47)	970	3275.50	%Sft	31772
30	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(s.i.no 35p-61)	570.00	19.36	Rft	11035
31	Cement pointing struck joint on walls 1:2, ratio(s.i.no19p-58)	4446	1287.44	%Sft	57240
32	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).(s.i.no7p-57)	813.00	902.93	Sft	734082
33	Cement concrete plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone aggregate.H.ratio 1.2.4(s.no.5p-15)	936	14429.25	%cft	135058

S.No.	Name of Item	Quantity	Rate	Unit	Amount
34	Providing & Laying verona marble tiles size 12x12x1/4" fine dressed on the surface without winding set in white cement liad over 3/4"thick bed 1.2 grey cement mortor setting the tiles with grey White Cement & washing the tiles with slary cement & pigment to match the colour of the building rubbing & polishing etc comp & cutting the tiles to proper profile(RA)	5823	307	P-Sft	1787661
35	laying white marble flooring 3/8""thick of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plater surface ect over 1/2"thick base of cement mortor i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	660.00	186.04	P-Sft	122786
36	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....(s.i.no-61-p-47)	189	34520.31	%Sft	65243
37	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	205	27678.86	%Sft	56742
38	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortor 3/4"thick i/c finishing(s.i.n.o-37p-44)	463.00	28299.30	%Sft	131026
39	White Washing (Three Coats)(s.i.no-25p-59)	6286	829.95	%Sft	52171
40	Priming coat of chalk under distempering (s.i.no-23.p58	14760	442.75	%Sft	65350
41	Distempering (Three coats)(s.i.no-24p-54)	14760	1079.65	%Sft	159356
42	Colour Washing (three Coats)(s.i.25p-54)	12008	1325.15	%Sft	159124
43	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	950.00	2116.41	%Sft	20106
44	Preparing surface and paitning guard bars gates, iron bars, grating, railling (including standard braces etc) and similar open work. (Three coat).(New surface)(s.i.no 6p-87)	1250	1270.83	%Sft	15885
45	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	1135.00	2567.95	%Sft	29146
46	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft(s.i.no 13p-35)	3907.00	1887.40	%Sft	73741
			Total		8798300
PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squarting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	50.00	73.21	P/Rft	3661
	ii). 3/4" dia pipe	80.00	95.79	P/Rft	7663
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituon etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	1.00	4253.90	Each	4254
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	1.00	938.47	Each	938
8	S/F swan type pillar cock of suP:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	1.00	795.30	Each	795
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	1.00	2047.76	Each	2048
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	1.00	497.20	Each	497
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41)(PHD)	80.00	160.00	Each	12800
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe'(s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Providing chamber 15x9" inside dimension s 24" deep for house meter with 6" thick c.c. 1.3.6 block set on cement mortar 6" thick c.c. 1.4.8 in foundation 1/2" thick c.c. 1.3. to all inside wall surface & top 1" thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixed in c.c. 12.4. i/c curbing back filling & disposal of earth etc comp:(s.i.no2p-20)	2.00	5912.22	Each	11824
G.Total Part B"				Rs	99180
Total Part -A				Rs	8798300
Total carriage of Material				Rs	967520
G:Total				Rs	9865000
				Say	9.865

Note: Any variation in the description on item Quantities, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS. Sindhi Main Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling cement concrete reinforcement separating reinforcement from concrete cleaning and strengthening the same. 1:2:4 (S.I.No:20/ P.No.11)	7,846	5,445.00	%Cft	427,215
2	Dismantling C.C Plain 1:2:4.	7,091	3,327.50	%Cft	235,953
3	Dismantling pacca brick work or lime cement mortar.(S.I.No13/P.11)	4,974	1,306.60	%Cft	64,990
4	Removing cement or lime plaster.	8,406	121.00	%Sft	10,171
5	Removing doors with Chowkates.(S.No. (b)/P.13)	14	142.18	Each	1,991
6	Removing Window with Chowkates.(S.No. (b)/P.13)	15	102.85	Each	1,543
7	Pacca brick work in foundation and plinth in cement sand mortar.	565	11,948.36	%Cft	67,508
8	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curbing rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, column, rafters, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge	8,234	337.00	P.Cft	2,774,858
9	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	368.01	5,001.70	P.Cwt	1,840,676
	Mild Bar	-	4,820.20	P.Cwt	-
10	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	-	1,512.50	%0Cft	-
11	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	-	3,630.00	%0Cft	-
12	Pacca brick work in ground floor in cement sand mortar 1:6.	1,182	12,674.36	%Cft	149,811
13	Pacca brick work in other than building cement sand mortar 1:6.	2,211	12,346.65	%Cft	272,984
14	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	56	180.50	P.Sft	10,108
15	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	241	902.93	P.Sft	217,606
16	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	22,323	2,206.60	%Sft	492,579
17	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	22,323	2,197.52	%Sft	490,552
18	Making a Notice Board made with cement	640	58.11	P.Sft	37,190
19	Providing & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	476	307.00	P.Sft	146,132

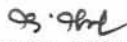
S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	7,074	4,411.82	%Sft	312,092
21	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	17,475	3,275.50	%Sft	572,394
22	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	40	27,678.86	%Sft	11,072
23	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq. bars 4" c/c with locking arrangement.	60.00	726.72	P.Sft	43,603
24	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	54	47,651.56	%Sft	25,732
25	White Washing (Three Coats)	11,094	829.95	%Sft	92,075
26	Priming coat of chalk under distemper.	9,306	442.75	%Sft	41,202
27	Distempering (Three coats)	9,306	1,079.65	%Sft	100,472
28	Distempering (Two coats)	35,805	1,043.90	%Sft	373,768
29	Colour Washing (Two coats)	3,118	859.90	%Sft	26,812
30	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	12,810	2,567.95	%Sft	328,954
31	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	552	2,116.42	%Sft	11,683
32	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	2,558	1,270.83	%Sft	32,508
33	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	3,262	674.60	%Sft	22,005
Grand Total :					9,076,739

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4" dia earthe	1.00	5,486.80	Each	5,487
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4" dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	26.00	73.21	P/Rft	1,903
b	3/4" dia pipe	-	95.79	P/Rft	-
5	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	2.00	889.46	Each	1,779
6	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	2.00	1,109.46	Each	2,219
10	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	1.00	447.15	Each	447
21	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	-	76.95	P.Rft	-
b	Boring pipe	-	38.95	P.Rft	-

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					18,709
COST OF CARRIAGE:					527,519
Part-A TOTAL :					9,076,739
G.Total					9,622,967
Say					9.623

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS. Urdu Main Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismanteling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1:2:4 (S.I.NO:20/ P.No.11)	2,916	5,445.00	%Cft	158,776
2	Dismantling C.C Plain 1:2:4.	2,736	3,327.50	%Cft	91,040
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	5,258	1,306.60	%Cft	68,701
4	Removing cement or lime plaster.	6,972	121.00	%Sft	8,436
5	Removing doors with Chowkates.(S.No. (b)/P.13)	10	142.18	Each	1,422
6	Removing Window with Chowkates.(S.No. (b)/P.13)	24	102.85	Each	2,468
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	251	3,176.25	%OCft	797
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	145	8,694.95	%Cft	12,608
9	Pacca brick work in foundation and plinth in cement sand mortar.	409	11,948.36	%Cft	48,869
10	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	3,599	337.00	P.Cft	1,212,863
11	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	174.67	5,001.70	P.Cwt	873,647
	Mild Bar	-	4,820.20	P.Cwt	-
12	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	2,492	3,630.00	%OCft	9,046
13	Pacca brick work in ground floor in cement sand mortar 1:6.	4,116	12,674.36	%Cft	521,677
14	Pacca brick work in other than building cement sand mortar 1:6.	604	12,346.65	%Cft	74,574
15	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	157	228.90	P.Rft	35,937
16	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	655	240.50	P.Rft	157,528
17	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	342	180.50	P.Sft	61,731


S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	575	902.93	P.Sft	519,185
✓ 19	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
20	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	24,520	2,206.60	%Sft	541,058
21	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	24,520	2,197.52	%Sft	538,832
22	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	-	3,015.76	%Sft	-
23	Cement pointing struck joints on walls ratio 1:2	3,313	1,287.44	%Sft	42,653
24	Making a Notice Board made with cement	320	58.11	P.Sft	18,595
25	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone agreeete.ratio 1:2:4	12	14,429.25	%Cft	1,732
26	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	6,808	4,411.82	%Sft	300,357
27	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	9,048	3,275.50	%Sft	296,367
28	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	20	27,678.86	%Sft	5,536
29	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1thick i/c finishing (S.No:38/P.)	-	28,253.61	%Sft	-
30	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	8,941	1,887.40	%Sft	168,752
31	M/F Steel grated door with 1/16" thick sheeting i/c angle iron farme 2"x2"x3/8" and 3/8" sq; bars 4" c/c with locking arrangement.	30.00	726.72	P.Sft	21,802
32	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	24	47,651.56	%Sft	11,436
33	White Washing (Three Coats)	6,259	829.95	%Sft	51,947
34	Priming coat of chalk under distemper.	20,949	442.75	%Sft	92,752
35	Distemping (Three coats)	20,949	1,079.65	%Sft	226,176
36	Colour Washing (Two coats)	6,677	859.90	%Sft	57,416
37	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,662	2,116.42	%Sft	35,175
38	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	370	1,270.83	%Sft	4,702
39	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	270	977.40	%Sft	2,639
Grand Total :					6,290,032

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	1.00	5,486.80	Each	5,487
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	26.00	73.21	P/Rft	1,903
b	3/4" dia pipe	-	95.79	P/Rft	-
5	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	2.00	889.46	Each	1,779

S.No.	Name of Item	Quantity	Rate	Unit	Amount
6	P/F Canceled long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	2.00	1,109.46	Each	2,219
10	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	1.00	447.15	Each	447
21	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete (R.A Approved).				
a	Filter pipe	-	76.95	P.Rft	-
b	Boring pipe	-	38.95	P.Rft	-
2	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					18,709
COST OF CARRIAGE:					598,874
Part-A TOTAL :					6,290,032
G.Total					6,907,615
Say					6.908

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GGPS. Juman Shah Taluka Tando Adam.

(A- CIVIL WORK)

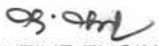
S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling cement concrete reinforcement separating reinforcement from concrete cleaning and strengthening the same. 1:2:4 (S.I.No.20/ P.No.11)	3,069	5,445.00	%Cft	167,107
2	Dismantling C.C Plain 1:2:4.	1,552	3,327.50	%Cft	51,643
3	Dismantling pucca brick work or lime cement mortar. (S.I.No13/P.11)	6,905	1,306.60	%Cft	90,221
4	Removing cement or lime plaster.	-	121.00	%Sft	-
5	Removing doors with Chowkates. (S.No. (b)/P.13)	12	142.18	Each	1,706
6	Removing Window with Chowkates. (S.No. (b)/P.13)	24	102.85	Each	2,468
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	3,031	3,176.25	%0Cft	9,627
8	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10	3,013	8,694.95	%Cft	261,979
10	Pucca brick work in foundation and plinth in cement sand mortar.	3,729	11,948.36	%Cft	445,554
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curbing rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, column, rafters, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge	5,730	337.00	P.Cft	1,931,010
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	265.43	5,001.70	P.Cwt	1,327,601
	Mild Bar	9.15	4,820.20	P.Cwt	44,105
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	2,008	1,512.50	%0Cft	3,037
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	3,781	3,630.00	%0Cft	13,725
15	Pucca brick work in ground floor in cement sand mortar 1:6.	9,828	12,674.36	%Cft	1,245,636
16	Pucca brick work in other than building cement sand mortar 1:6.	-	12,346.65	%Cft	-
17	Providing & fixing G.I fixed/Chowkats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	192	228.90	P.Rft	43,949
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	639	240.50	P.Rft	153,680
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill).	379	180.50	P.Sft	68,410

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	617	902.93	P.Sft	557,108
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	21,245	2,206.60	%Sft	468,792
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	21,245	2,197.52	%Sft	466,863
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	146	3,015.76	%Sft	4,403
24	Cement pointing struck joints on walls ratio 1:2	1,447	1,287.44	%Sft	18,629
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	292	19.36	P.Sft	5,653
26	Making a Notice Board made with cement	320	58.11	P.Sft	18,595
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone aggregate ratio 1:2:4	357	14,429.25	%Cft	51,512
28	Providing & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	2,054	307.00	P.Sft	630,578
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8"x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp (S.I.No: 068-p-48)	213	186.04	P.Sft	39,627
30	Providing and laying 3" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	4,177	4,411.82	%Sft	184,282
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	10,293	3,275.50	%Sft	337,147
32	Laying floor approved with glazed tiles 1/4" thick in white cement 1:2 grey cement sand mortar 1:2 complete (S.No:24/P.48)	50	27,678.86	%Sft	13,839
33	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 1" thick i/c finishing (S.No:38/P.)	154	28,253.61	%Sft	43,511
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	8,592	1,887.40	%Sft	162,165
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq; bars 4" c/c with locking arrangement.	56.00	726.72	P.Sft	40,696
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	343	47,651.56	%Sft	163,445
37	White Washing (Three Coats)	9,429	829.95	%Sft	78,256
38	Priming coat of chalk under distemper.	18,559	442.75	%Sft	82,170
39	Distemping (Three coats)	18,559	1,079.65	%Sft	200,372
40	Distemping (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	2,192	1,303.17	%Sft	28,565
42	Colour Washing (Two coats)	-	859.90	%Sft	-
43	P/F colour crete jto wall surface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	-	6,319.50	%Sft	-
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	-	2,567.95	%Sft	-

S.No.	Name of Item	Quantity	Rate	Unit	Amount
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	747	2,116.42	%Sft	15,810
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	1,316	1,270.83	%Sft	16,724
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	328	977.40	%Sft	3,206
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	112	674.60	%Sft	756
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					9,620,492

PART- B : W/S & S/F					
1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	2.00	5,486.80	Each	10,974
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	12.00	199.25	P.Rft	2,391
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	35.00	73.21	P/Rft	2,562
b	3/4" dia pipe	30.00	95.79	P/Rft	2,874
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	4.00	889.46	Each	3,558
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	4.00	1,109.46	Each	4,438
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	2.00	447.15	Each	894
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	60.00	38.95	P.Rft	2,337
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					37,672
COST OF CARRIAGE:					679,830
Part-A TOTAL :					9,620,492
G.Total					10,337,994
Say					10.338

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS. Makhdoom Nooh Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1.2.4 (S.I.NO:20/ P.No.11)	94	5,445.00	%Cft	5,118
2	Dismantling C.C Plain 1:2:4.	1,502	3,327.50	%Cft	49,979
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	243	1,306.60	%Cft	3,175
4	Removing cement or lime plaster.	4,132	121.00	%Sft	5,000
5	Removing doors with Chowkates.(S.No. (b)/P.13)	7	142.18	Each	995
6	Removing Window with Chowkates.(S.No. (b)/P.13)	8	102.85	Each	823
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	5,783	3,176.25	%0Cft	18,368
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	1,567	9,416.28	%Cft	147,553
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2,138	8,694.95	%Cft	185,898
10	Pacca brick work in foundation and plinth in cement sand mortar.	4,920	11,948.36	%Cft	587,859
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	3,052	337.00	P.Cft	1,028,524
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	162.40	5,001.70	P.Cwt	812,276
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	3,855	1,512.50	%0Cft	5,831
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	11,011	3,630.00	%0Cft	39,970
15	Pacca brick work in ground floor in cement sand mortar 1:6.	5,423	12,674.36	%Cft	687,331
16	Pacca brick work in other than building cement sand mortar 1:6.	-	12,346.65	%Cft	-
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	175	228.90	P.Rft	40,058
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	521	240.50	P.Rft	125,301

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	284	180.50	P.Sft	51,262
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	521	902.93	P.Sft	470,427
21	Applying floating coat of cement 1/32" thick.	4,132	660.00	%Sft	27,271
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	15,821	2,206.60	%Sft	349,106
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	15,821	2,197.52	%Sft	347,670
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	136	3,015.76	%Sft	4,101
24	Cement pointing struck joints on walls ratio 1:2	2,091	1,287.44	%Sft	26,920
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	145	19.36	P.Sft	2,807
26	Making a Notice Board made with cement	432	58.11	P.Sft	25,104
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone aggregate ratio 1:2:4	498	14,429.25	%Cft	71,858
28	Providing & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	3,332	307.00	P.Sft	1,022,924
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o68-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	7,356	4,411.82	%Sft	324,533
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	7,294	3,275.50	%Sft	238,915
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand mortar 1:2 complete (S.No:24/P.48)	20	27,678.86	%Sft	5,536
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand mortar 1 thick i/c finishing (S.No:38/P.)	-	28,253.61	%Sft	-
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	3,846	1,887.40	%Sft	72,589
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq. bars 4" c/c with locking arrangement.	36.00	726.72	P.Sft	26,162
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	260	47,651.56	%Sft	123,894
37	White Washing (Three Coats)	8,958	829.95	%Sft	74,347
38	Priming coat of chalk under distemper.	14,851	442.75	%Sft	65,753
39	Distemping (Three coats)	25,036	1,079.65	%Sft	270,301
40	Distemping (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	-	859.90	%Sft	-
43	P/F colour crete jto wall surface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	1,535	6,319.50	%Sft	97,004

S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	3,616	2,567.95	%Sft	92,857
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,084	2,116.42	%Sft	22,942
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	98	1,270.83	%Sft	1,245
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	-	977.40	%Sft	-
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	72	674.60	%Sft	486
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	12	43.26	P.Sft	519
Grand Total :					7,666,415

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	1.00	5,486.80	Each	5,487
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	26.00	73.21	P/Rft	1,903
b	3/4" dia pipe	-	95.79	P/Rft	-
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	2.00	889.46	Each	1,779
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	2.00	1,109.46	Each	2,219
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	1.00	447.15	Each	447
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	-	76.95	P.Rft	-
b	Boring pipe	-	38.95	P.Rft	-
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115

Total Part-B 18,709


COST OF CARRIAGE: 700,283

Part-A TOTAL : 7,666,415

G.Total 8,385,407

Say 8.385

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-28 GGPS, Urdu Main , GGLSS, Bibi Aisha Taluka
Tando Adam.


(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1:2:4 (S.I.NO:20/ P.No.11)	7,394	5,445.00	%Cft	402,603
2	Dismntling C.C Plain 1:2:4.	3,996	3,327.50	%Cft	132,967
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	9,295	1,306.60	%Cft	121,448
4	Removing cement or lime plaster.	-	121.00	%Sft	-
5	Removing doors with Chowkates.(S.No. (b)/P.13)	30	142.18	Each	4,265
6	Removing Window with Chowkates.(S.No. (b)/P.13)	60	102.85	Each	6,171
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	-	3,176.25	%0Cft	-
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	1,724	8,694.95	%Cft	149,901
10	Pacca brick work in foundation and plinth in cement sand mortar.	2,116	11,948.36	%Cft	252,827
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separtely. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafis, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	7,104	337.00	P.Cft	2,394,048
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	372.41	5,001.70	P.Cwt	1,862,683
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	-	1,512.50	%0Cft	-
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	-	3,630.00	%0Cft	-
15	Pacca brick work in ground floor in cement sand mortar 1:6.	9,284	12,674.36	%Cft	1,176,688
16	Pacca brick work in other than building cement sand mortar 1:6.	2,613	12,346.65	%Cft	322,618
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	431	228.90	P.Rft	98,656
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	1,136	240.50	P.Rft	273,208

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	475	180.50	P.Sft	85,738
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	1,196	902.93	P.Sft	1,079,904
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	43,518	2,206.60	%Sft	960,268
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	43,518	2,197.52	%Sft	956,317
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	-	3,015.76	%Sft	-
24	Cement pointing struck joints on walls ratio 1:2	-	1,287.44	%Sft	-
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	-	19.36	P.Sft	-
26	Making a Notice Board made with cement	328	58.11	P.Sft	19,060
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone aggregate ratio 1:2:4	84	14,429.25	%Cft	12,121
28	Providing & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	240	307.00	P.Sft	73,680
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp (S.I.No.068-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	9,023	4,411.82	%Sft	398,079
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	10,162	3,275.50	%Sft	332,856
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand mortar 1:2 complete (S.No:24/P.48)	80	27,678.86	%Sft	22,143
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand mortar 1 thick i/c finishing (S.No:38/P.)	234	28,253.61	%Sft	66,113
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	4,082	1,887.40	%Sft	77,044
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq; bars 4" c/c with locking arrangement.	90.00	726.72	P.Sft	65,405
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	604	47,651.56	%Sft	287,815
37	White Washing (Three Coats)	12,490	829.95	%Sft	103,661
38	Priming coat of chalk under distemper.	37,049	442.75	%Sft	164,034
39	Distempering (Three coats)	37,049	1,079.65	%Sft	400,000
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	15,255	859.90	%Sft	131,178
43	Preparing surface painting Doors and windows any type i/c edges 3 coats. New surface. (S.I.No.06/P.76).	2,521	2,116.42	%Sft	53,355
44	Preparing surface painting Doors and windows any type i/c edges 3 coats. old surface. (S.I.No.06/P.76).	60	1,270.83	%Sft	762

S.No.	Name of Item	Quantity	Rate	Unit	Amount
45	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	232	977.40	%Sft	2,268
				Grand Total :	12,626,432
PART- B : W/S & S/F					
1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	3.00	5,486.80	Each	16,460
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortar 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	52.00	146.57	P.Rft	7,622
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	56.00	73.21	P/Rft	4,100
b	3/4" dia pipe	23.00	95.79	P/Rft	2,203
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	10.00	889.46	Each	8,895
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	10.00	1,109.46	Each	11,095
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	5.00	447.15	Each	2,236
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	50.00	38.95	P.Rft	1,948
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	2.00	5,115.00	P.Rft	10,230
Total Part-B					65,559
COST OF CARRIAGE:					1,114,037
Part-A TOTAL :					12,626,432
G.Total					13,806,028
Say					13.806

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-29 GBPS. Hassan Ali Afandi , GGLSS. Makhdoom
Nooh Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling cement concrete reinforcement separating reinforcement from concrete cleaning and strengthening the same. 1:2:4 (S.I.No:20/ P.No.11)	2,411	5,445.00	%Cft	131,279
2	Dismantling C.C Plain 1:2:4.	4,265	3,327.50	%Cft	141,918
3	Dismantling pucca brick work or lime cement mortar.(S.I.No13/P.11)	4,962	1,306.60	%Cft	64,833
4	Removing cement or lime plaster.	1,975	121.00	%Sft	2,390
5	Removing doors with Chowkates.(S.No. (b)/P.13)	13	142.18	Each	1,848
6	Removing Window with Chowkates.(S.No. (b)/P.13)	16	102.85	Each	1,646
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	-	3,176.25	%0Cft	-
8	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10	559	8,694.95	%Cft	48,605
10	Pucca brick work in foundation and plinth in cement sand mortar.	1,115	11,948.36	%Cft	133,224
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curbing rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, column, rafters, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge	2,647	337.00	P.Cft	892,039
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	119.99	5,001.70	P.Cwt	600,154
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	-	1,512.50	%0Cft	-
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	-	3,630.00	%0Cft	-
15	Pucca brick work in ground floor in cement sand mortar 1:6.	4,294	12,674.36	%Cft	544,237
16	Pucca brick work in other than building cement sand mortar 1:6.	725	12,346.65	%Cft	89,513
17	Providing & fixing G.I fixed/Chowkats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	274	228.90	P.Rft	62,719
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	1,010	240.50	P.Rft	242,905

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	401	180.50	P.Sft	72,381
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	757	902.93	P.Sft	683,518
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	33,625	2,206.60	%Sft	741,969
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	33,625	2,197.52	%Sft	738,916
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	-	3,015.76	%Sft	-
24	Cement pointing struck joints on walls ratio 1:2	-	1,287.44	%Sft	-
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	-	19.36	P.Sft	-
26	Making a Notice Board made with cement	296	58.11	P.Sft	17,201
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone agreee.ratio 1:2:4	81	14,429.25	%Cft	11,688
28	Providind & laying floor of Verona marble tiles of size12"x12"x3/4" fine dressed on the surfacewithout winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement andpigment to match the colour of tiles, including curing, griinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	820	307.00	P.Sft	251,740
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2"thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s..i.n.o68-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	8,626	4,411.82	%Sft	380,564
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	10,766	3,275.50	%Sft	352,640
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	60	27,678.86	%Sft	16,607
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1thick i/c finishing (S.No:38/P.)	144	28,253.61	%Sft	40,685
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	10,573	1,887.40	%Sft	199,555
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron farne 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	120.00	726.72	P.Sft	87,206
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	240	47,651.56	%Sft	114,364
37	White Washing (Three Coats)	13,801	829.95	%Sft	114,541
38	Priming coat of chalk under distemper.	22,755	442.75	%Sft	100,748
39	Distempering (Three coats)	22,755	1,079.65	%Sft	245,674
40	Distempering (Two coats)	7,344	1,043.90	%Sft	76,664
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	9,086	859.90	%Sft	78,131
43	P/F colour crete jto wall sruface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	-	6,319.50	%Sft	-


S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	4,526	2,567.95	%Sft	116,225
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,608	2,116.42	%Sft	34,032
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	972	1,270.83	%Sft	12,352
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	120	977.40	%Sft	1,173
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	408	674.60	%Sft	2,752
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					7,434,636

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W/C With 4"dia earthe	3.00	5,486.80	Each	16,460
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	24.00	146.57	P.Rft	3,518
b	6" dia	12.00	199.25	P.Rft	2,391
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	61.00	73.21	P/Rft	4,466
b	3/4" dia pipe	30.00	95.79	P/Rft	2,874
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	6.00	889.46	Each	5,337
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	6.00	1,109.46	Each	6,657
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	3.00	447.15	Each	1,341
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	60.00	38.95	P.Rft	2,337
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	2.00	5,115.00	P.Rft	10,230
Total Part-B					56,381
COST OF CARRIAGE:					577,891
Part-A TOTAL :					7,434,636
G.Total					8,068,908

Say 8.069

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS, Mohammadi Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismanteling cement concreat reinforcement seprating reinforcement from concreat cleaning and strenthening the same.1:2.4 (S.I.NO:20/ P.No.11)	122	5,445.00	%Cft	6,643
2	Dismantling C.C Plain 1:2.4.	1,117	3,327.50	%Cft	37,168
3	Dismanteling pacca brick work or lime cement mortor.(S.I.No13/P.11)	400	1,306.60	%Cft	5,226
4	Removing cement or lime plaster.	5,128	121.00	%Sft	6,205
5	Removing doors with Chowkates.(S.No. (b)/P.13)	8	142.18	Each	1,137
6	Removing Window with Chowkates.(S.No. (b)/P.13)	16	102.85	Each	1,646
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	4,979	3,176.25	%OCft	15,815
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	1,353	9,416.28	%Cft	127,402
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2,112	8,694.95	%Cft	183,637
10	Pacca brick work in foundation and plinth in cement sand mortar.	4,174	11,948.36	%Cft	498,725
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	2,710	337.00	P.Cft	913,270
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	142.59	5,001.70	P.Cwt	713,192
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	3,319	1,512.50	%OCft	5,020
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	7,229	3,630.00	%OCft	26,241
15	Pacca brick work in ground floor in cement sand mortar 1:6.	4,685	12,674.36	%Cft	593,794
16	Pacca brick work in other than building cement sand mortar 1:6.	161	12,346.65	%Cft	19,878
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	209	228.90	P.Rft	47,840
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	734	240.50	P.Rft	176,527

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	405	180.50	P.Sft	73,103
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	682	902.93	P.Sft	615,798
21	Applying floating coat of cement 1/32" thick.	5,129	660.00	%Sft	33,851
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	15,616	2,206.60	%Sft	344,583
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	15,616	2,197.52	%Sft	343,165
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	126	3,015.76	%Sft	3,800
24	Cement pointing struck joints on walls ratio 1:2	1,861	1,287.44	%Sft	23,959
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	145	19.36	P.Sft	2,807
26	Making a Notice Board made with cement	320	58.11	P.Sft	18,595
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone agreee.ratio 1:2:4	430	14,429.25	%Cft	62,046
28	Providind & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	2,800	307.00	P.Sft	859,600
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o68-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	3,027	4,411.82	%Sft	133,546
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	7,484	3,275.50	%Sft	245,138
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	20	27,678.86	%Sft	5,536
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1 thick i/c finishing (S.No:38/P.)	-	28,253.61	%Sft	-
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	6,508	1,887.40	%Sft	122,832
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq. bars 4" c/c with locking arrangement.	48.00	726.72	P.Sft	34,883
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	212	47,651.56	%Sft	101,021
37	White Washing (Three Coats)	5,765	829.95	%Sft	47,847
38	Priming coat of chalk under distemper.	18,042	442.75	%Sft	79,881
39	Distempering (Three coats)	18,042	1,079.65	%Sft	194,790
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	2,842	859.90	%Sft	24,438
43	P/F colour crete jto wall surface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	5,171	6,319.50	%Sft	326,781

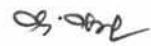
S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	1,861	2,567.95	%Sft	47,790
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,047	2,116.42	%Sft	22,159
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	-	977.40	%Sft	-
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	120	674.60	%Sft	810
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	12	43.26	P.Sft	519
Grand Total :					7,253,610

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	1.00	5,486.80	Each	5,487
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	26.00	73.21	P/Rft	1,903
b	3/4" dia pipe	-	95.79	P/Rft	-
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	2.00	889.46	Each	1,779
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	2.00	1,109.46	Each	2,219
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	1.00	447.15	Each	447
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	-	76.95	P.Rft	-
b	Boring pipe	-	38.95	P.Rft	-
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					18,709
COST OF CARRIAGE:					537,610
Part-A TOTAL :					7,253,610
G.Total					7,809,929

Say 7.810

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-30 GGPS. Sindhi Main , GPS. New Mohammadi ,
GBPS. Mohammad Lorian Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismanteling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1:2:4 (S.I.NO:20/ P.No.11)	3,924	5,445.00	%Cft	213,662
2	Dimentling C.C Plain 1:2:4.	4,040	3,327.50	%Cft	134,431
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	1,050	1,306.60	%Cft	13,719
4	Removing cement or lime plaster.	7,035	121.00	%Sft	8,512
5	Removing doors with Chowkates.(S.No. (b)/P.13)	18	142.18	Each	2,559
6	Removing Window with Chowkates.(S.No. (b)/P.13)	239	102.85	Each	24,581
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	200	3,176.25	%0Cft	635
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	1,808	8,694.95	%Cft	157,205
10	Pacca brick work in foundation and plinth in cement sand mortar.	283	11,948.36	%Cft	33,814
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	4,013	337.00	P.Cft	1,352,381
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	197.10	5,001.70	P.Cwt	985,835
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	-	1,512.50	%0Cft	-
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	-	3,630.00	%0Cft	-
15	Pacca brick work in ground floor in cement sand mortar 1:6.	987	12,674.36	%Cft	125,096
16	Pacca brick work in other than building cement sand mortar 1:6.	65	12,346.65	%Cft	8,025
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	247	228.90	P.Rft	56,538
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	853	240.50	P.Rft	205,147


S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	467	180.50	P.Sft	84,294
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	821	902.93	P.Sft	741,306
21	Applying floating coat of cement 1/32" thick.	2,983	660.00	%Sft	19,688
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	22,143	2,206.60	%Sft	488,607
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	22,143	2,197.52	%Sft	486,597
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	-	3,015.76	%Sft	-
24	Cement pointing struck joints on walls ratio 1:2	-	1,287.44	%Sft	-
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	-	19.36	P.Sft	-
26	Making a Notice Board made with cement	584	58.11	P.Sft	33,936
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone agree ratio 1:2:4	57	14,429.25	%Cft	8,225
28	Providing & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	363	307.00	P.Sft	111,441
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o68-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels.	7,982	4,411.82	%Sft	352,151
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels.	11,686	3,275.50	%Sft	382,775
32	Laying floor approved with glazed tiles 1/4" thick in white cement 1:2 grey cement sand mortar 1:2 complete (S.No:24/P.48)	82	27,678.86	%Sft	22,697
33	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 1 thick i/c finishing (S.No:38/P.)	100	28,253.61	%Sft	28,254
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	11,686	1,887.40	%Sft	220,562
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq; bars 4" c/c with locking arrangement.	60.00	726.72	P.Sft	43,603
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	672	47,651.56	%Sft	320,218
37	White Washing (Three Coats)	11,202	829.95	%Sft	92,971
38	Priming coat of chalk under distemper.	26,733	442.75	%Sft	118,360
39	Distempering (Three coats)	26,733	1,079.65	%Sft	288,623
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	4,570	859.90	%Sft	39,297
43	P/F colour crete jto wall surface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	1,843	6,319.50	%Sft	116,468

S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	-	2,567.95	%Sft	-
✓ 45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,684	2,116.42	%Sft	35,641
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	-	977.40	%Sft	-
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	456	674.60	%Sft	3,076
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					7,343,930

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	2.00	5,486.80	Each	10,974
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	24.00	146.57	P.Rft	3,518
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	52.00	73.21	P/Rft	3,807
b	3/4" dia pipe	-	95.79	P/Rft	-
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	4.00	889.46	Each	3,558
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	4.00	1,109.46	Each	4,438
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	2.00	447.15	Each	894
7	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	2.00	5,115.00	P.Rft	10,230
Total Part-B					37,419
COST OF CARRIAGE:					678,688
Part-A TOTAL :					7,343,930
G.Total					8,060,037
Say					8.060

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-31 GBPS. Mulla Mukhan , GBPS. Sher Mohammad
Dero Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1:2:4 (S.I.NO:20/ P.No.11)	4,144	5,445.00	%Cft	225,641
2	Dismantling C.C Plain 1:2:4.	2,571	3,327.50	%Cft	85,550
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	3,594	1,306.60	%Cft	46,959
4	Removing cement or lime plaster.	7,119	121.00	%Sft	8,614
5	Removing doors with Chowkates.(S.No. (b)/P.13)	17	142.18	Each	2,417
6	Removing Window with Chowkates.(S.No. (b)/P.13)	33	102.85	Each	3,394
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	1,049	3,176.25	%0Cft	3,332
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2,105	8,694.95	%Cft	183,029
10	Pacca brick work in foundation and plinth in cement sand mortar.	1,572	11,948.36	%Cft	187,828
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separtely. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	4,474	337.00	P.Cft	1,507,738
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	203.45	5,001.70	P.Cwt	1,017,596
	Mild Bar	4.59	4,820.20	P.Cwt	22,125
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	652	1,512.50	%0Cft	986
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	454	3,630.00	%0Cft	1,648
15	Pacca brick work in ground floor in cement sand mortar 1:6.	2,797	12,674.36	%Cft	354,502
16	Pacca brick work in other than building cement sand mortar 1:6.	1,047	12,346.65	%Cft	129,269
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	221	228.90	P.Rft	50,587
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	459	240.50	P.Rft	110,390

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	340	180.50	P.Sft	61,370
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	559	902.93	P.Sft	504,738
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	31,996	2,206.60	%Sft	706,024
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	31,996	2,197.52	%Sft	703,118
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	401	3,015.76	%Sft	12,093
24	Cement pointing struck joints on walls ratio 1:2	549	1,287.44	%Sft	7,068
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	69	19.36	P.Sft	1,336
26	Making a Notice Board made with cement	384	58.11	P.Sft	22,314
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone aggregate ratio 1:2:4	188	14,429.25	%Cft	27,127
28	Providing & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	1,282	307.00	P.Sft	393,574
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o68-p-48)	63	186.04	P.Sft	11,721
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	5,200	4,411.82	%Sft	229,415
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	9,206	3,275.50	%Sft	301,543
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand mortar 1:2 complete (S.No:24/P.48)	40	27,678.86	%Sft	11,072
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand mortar 1 thick i/c finishing (S.No:38/P.)	72	28,253.61	%Sft	20,343
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	3,739	1,887.40	%Sft	70,570
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	108.00	726.72	P.Sft	78,486
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	358	47,651.56	%Sft	170,593
37	White Washing (Three Coats)	8,225	829.95	%Sft	68,263
38	Priming coat of chalk under distemper.	27,760	442.75	%Sft	122,907
39	Distemping (Three coats)	27,760	1,079.65	%Sft	299,711
40	Distemping (Two coats)	2,695	1,043.90	%Sft	28,133
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	11,258	859.90	%Sft	96,808
43	P/F colour crete jto wall surface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	1,144	6,319.50	%Sft	72,295

S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	-	2,567.95	%Sft	-
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,211	2,116.42	%Sft	25,630
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	96	977.40	%Sft	938
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	282	674.60	%Sft	1,902
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					7,983,697

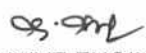
PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	3.00	5,486.80	Each	16,460
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	24.00	146.57	P.Rft	3,518
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	61.00	73.21	P/Rft	4,466
b	3/4" dia pipe	30.00	95.79	P/Rft	2,874
5	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	6.00	889.46	Each	5,337
6	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	6.00	1,109.46	Each	6,657
10	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	3.00	447.15	Each	1,341
21	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	60.00	38.95	P.Rft	2,337
2	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	2.00	5,115.00	P.Rft	10,230

Total Part-B	53,990
COST OF CARRIAGE:	523,596
Part-A TOTAL :	7,983,697
G.Total	8,561,283

Say **8.561**

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS. Buxo Nizamani Taluka Tando Adam.

(A- CIVIL WORK)

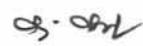
S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1.2.4 (S.I.NO:20/ P.No.11)	4,026	5,445.00	%Cft	219,216
2	Dismantling C.C Plain 1:2:4.	1,464	3,327.50	%Cft	48,715
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	7,823	1,306.60	%Cft	102,215
4	Removing cement or lime plaster.	-	121.00	%Sft	-
5	Removing doors with Chowkates.(S.No. (b)/P.13)	13	142.18	Each	1,848
6	Removing Window with Chowkates.(S.No. (b)/P.13)	20	102.85	Each	2,057
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	979	3,176.25	%0Cft	3,110
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	1,293	8,694.95	%Cft	112,426
10	Pacca brick work in foundation and plinth in cement sand mortar.	1,475	11,948.36	%Cft	176,238
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	3,441	337.00	P.Cft	1,159,617
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	162.12	5,001.70	P.Cwt	810,876
	Mild Bar	4.59	4,820.20	P.Cwt	22,125
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	652	1,512.50	%0Cft	986
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	2,463	3,630.00	%0Cft	8,941
15	Pacca brick work in ground floor in cement sand mortar 1:6.	5,840	12,674.36	%Cft	740,183
16	Pacca brick work in other than building cement sand mortar 1:6.	2,009	12,346.65	%Cft	248,044
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	136	228.90	P.Rft	31,130
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	294	240.50	P.Rft	70,707
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	160	180.50	P.Sft	28,880

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	336	902.93	P.Sft	303,384
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	24,251	2,206.60	%Sft	535,123
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	24,251	2,197.52	%Sft	532,921
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	401	3,015.76	%Sft	12,093
24	Cement pointing struck joints on walls ratio 1:2	549	1,287.44	%Sft	7,068
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	-	19.36	P.Sft	-
26	Making a Notice Board made with cement	192	58.11	P.Sft	11,157
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone aggregate ratio 1:2:4)	171	14,429.25	%Cft	24,674
28	Providing & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	440	307.00	P.Sft	135,080
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp (S.I.No: 068-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels.	3,090	4,411.82	%Sft	136,325
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels.	15,145	3,275.50	%Sft	496,074
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand mortar 1:2 complete (S.No:24/P.48)	530	27,678.86	%Sft	146,698
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand mortar 1 thick i/c finishing (S.No:38/P.)	123	28,253.61	%Sft	34,752
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	742	1,887.40	%Sft	14,005
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	60.00	726.72	P.Sft	43,603
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	81	47,651.56	%Sft	38,598
37	White Washing (Three Coats)	4,786	829.95	%Sft	39,721
38	Priming coat of chalk under distemper.	14,885	442.75	%Sft	65,903
39	Distemping (Three coats)	14,885	1,079.65	%Sft	160,706
40	Distemping (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	10,040	859.90	%Sft	86,334
43	P/F colour crete to wall surface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	-	6,319.50	%Sft	-
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	-	2,567.95	%Sft	-

S.No.	Name of Item	Quantity	Rate	Unit	Amount
45	Preparing surface panting Doors and windows any type i/c edges 3 coats. New surface. (S.I.No.06/P.76).	793	2,116.42	%Sft	16,783
46	Preparing surface panting Doors and windows any type i/c edges 3 coats. old surface. (S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	-	977.40	%Sft	-
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	307	674.60	%Sft	2,071
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					6,705,112

PART- B : W/S & S/F					
1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	3.00	5,486.80	Each	16,460
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	50.00	146.57	P.Rft	7,329
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	50.00	73.21	P/Rft	3,661
b	3/4" dia pipe	34.00	95.79	P/Rft	3,257
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	8.00	889.46	Each	7,116
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	8.00	1,109.46	Each	8,876
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	4.00	447.15	Each	1,789
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	50.00	38.95	P.Rft	1,948
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					56,321
COST OF CARRIAGE:					581,558
Part-A TOTAL :					6,705,112
G.Total					7,342,991
Say					7.343

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS. Sanjar Khan Junejo Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1:2:4 (S.I.NO:20/ P.No.11)	864	5,445.00	%Cft	47,045
2	Dismantling C.C Plain 1:2:4.	2,146	3,327.50	%Cft	71,408
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	4,967	1,306.60	%Cft	64,899
4	Removing cement or lime plaster.	9,247	121.00	%Sft	11,189
5	Removing doors with Chowkates.(S.No. (b)/P.13)	8	142.18	Each	1,137
6	Removing Window with Chowkates.(S.No. (b)/P.13)	12	102.85	Each	1,234
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	3,031	3,176.25	%0Cft	9,627
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	3,434	8,694.95	%Cft	298,585
10	Pacca brick work in foundation and plinth in cement sand mortar.	3,940	11,948.36	%Cft	470,765
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separtely. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, raftis, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	3,845	337.00	P.Cft	1,295,765
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	172.99	5,001.70	P.Cwt	865,244
	Mild Bar	9.15	4,820.20	P.Cwt	44,105
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	2,008	1,512.50	%0Cft	3,037
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	3,781	3,630.00	%0Cft	13,725
15	Pacca brick work in ground floor in cement sand mortar 1:6.	7,349	12,674.36	%Cft	931,439
16	Pacca brick work in other than building cement sand mortar 1:6.	664	12,346.65	%Cft	81,982
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	160	228.90	P.Rft	36,624
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	568	240.50	P.Rft	136,604

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	347	180.50	P.Sft	62,634
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	540	902.93	P.Sft	487,582
21	Applying floating coat of cement 1/32" thick.	9,247	660.00	%Sft	61,030
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	28,715	2,206.60	%Sft	633,625
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	28,715	2,197.52	%Sft	631,018
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	146	3,015.76	%Sft	4,403
24	Cement pointing struck joints on walls ratio 1:2	1,447	1,287.44	%Sft	18,629
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	292	19.36	P.Sft	5,653
26	Making a Notice Board made with cement	448	58.11	P.Sft	26,033
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone agreee.ratio 1:2:4	359	14,429.25	%Cft	51,801
28	Providind & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	2,110	307.00	P.Sft	647,770
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o68-p-48)	213	186.04	P.Sft	39,627
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	3,979	4,411.82	%Sft	175,546
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	10,133	3,275.50	%Sft	331,906
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	20	27,678.86	%Sft	5,536
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1 thick i/c finishing (S.No:38/P.)	90	28,253.61	%Sft	25,428
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	2,603	1,887.40	%Sft	49,129
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	60.00	726.72	P.Sft	43,603
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	159	47,651.56	%Sft	75,766
37	White Washing (Three Coats)	7,863	829.95	%Sft	65,259
38	Priming coat of chalk under distemper.	21,296	442.75	%Sft	94,288
39	Distempering (Three coats)	21,296	1,079.65	%Sft	229,922
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	9,047	859.90	%Sft	77,795
43	P/F colour crete jto wall surface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	-	6,319.50	%Sft	-

S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	747	2,567.95	%Sft	19,183
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,190	2,116.42	%Sft	25,185
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	326	977.40	%Sft	3,186
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	120	674.60	%Sft	810
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					8,446,240

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	2.00	5,486.80	Each	10,974
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	12.00	199.25	P.Rft	2,391
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	35.00	73.21	P/Rft	2,562
b	3/4" dia pipe	30.00	95.79	P/Rft	2,874
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	4.00	889.46	Each	3,558
6	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	4.00	1,109.46	Each	4,438
5	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	2.00	447.15	Each	894
6	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	60.00	38.95	P.Rft	2,337
7	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115

Total Part-B 37,672

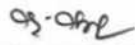
COST OF CARRIAGE: 667,667

Part-A TOTAL : 8,446,240

G.Total 9,151,579

Say 9.152

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-32 GBPS. Subhanallah , GBPS. Peru Faqir Shoro
Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1:2:4 (S.I.NO:20/ P.No.11)	1,372	5,445.00	%Cft	74,705
2	Dismantling C.C Plain 1:2:4.	1,203	3,327.50	%Cft	40,030
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	991	1,306.60	%Cft	12,948
4	Removing cement or lime plaster.	2,640	121.00	%Sft	3,194
5	Removing doors with Chowkates.(S.No. (b)/P.13)	11	142.18	Each	1,564
6	Removing Window with Chowkates.(S.No. (b)/P.13)	15	102.85	Each	1,543
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	3,274	3,176.25	%0Cft	10,399
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2,589	8,694.95	%Cft	225,112
10	Pacca brick work in foundation and plinth in cement sand mortar.	3,902	11,948.36	%Cft	466,225
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separtely. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	3,606	337.00	P.Cft	1,215,222
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	167.56	5,001.70	P.Cwt	838,085
	Mild Bar	11.23	4,820.20	P.Cwt	54,131
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	2,169	1,512.50	%0Cft	3,281
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	3,133	3,630.00	%0Cft	11,373
15	Pacca brick work in ground floor in cement sand mortar 1:6.	4,601	12,674.36	%Cft	583,147
16	Pacca brick work in other than building cement sand mortar 1:6.	744	12,346.65	%Cft	91,859
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	155	228.90	P.Rft	35,480
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	412	240.50	P.Rft	99,086

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	299	180.50	P.Sft	53,970
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	565	902.93	P.Sft	510,155
21	Applying floating coat of cement 1/32" thick.	2,640	660.00	%Sft	17,424
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	24,735	2,206.60	%Sft	545,803
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	24,735	2,197.52	%Sft	543,557
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	523	3,015.76	%Sft	15,772
24	Cement pointing struck joints on walls ratio 1:2	1,789	1,287.44	%Sft	23,032
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	244	19.36	P.Sft	4,724
26	Making a Notice Board made with cement	192	58.11	P.Sft	11,157
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone agreeete.ratio 1:2:4	353	14,429.25	%Cft	50,935
28	Providind & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	2,198	307.00	P.Sft	674,786
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polshing comp(s..i.n.o68-p-48)	223	186.04	P.Sft	41,487
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	2,454	4,411.82	%Sft	108,266
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	7,897	3,275.50	%Sft	258,666
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand mortar 1:2 complete (S.No:24/P.48)	60	27,678.86	%Sft	16,607
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand mortar 1 thick i/c finishing (S.No:38/P.)	-	28,253.61	%Sft	-
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	6,673	1,887.40	%Sft	125,946
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	108.00	726.72	P.Sft	78,486
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	254	47,651.56	%Sft	121,035
37	White Washing (Three Coats)	5,198	829.95	%Sft	43,141
38	Priming coat of chalk under distemper.	17,919	442.75	%Sft	79,336
39	Distempering (Three coats)	17,919	1,079.65	%Sft	193,462
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	1,844	1,303.17	%Sft	24,030
42	Colour Washing (Two coats)	12,307	859.90	%Sft	105,828
43	P/F colour crete jto wall sruface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	1,656	6,319.50	%Sft	104,651

S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	576	2,567.95	%Sft	14,791
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,422	2,116.42	%Sft	30,095
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	441	977.40	%Sft	4,310
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	-	674.60	%Sft	-
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					7,542,836

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	3.00	5,486.80	Each	16,460
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortar 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	24.00	146.57	P.Rft	3,518
b	6" dia	12.00	199.25	P.Rft	2,391
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	61.00	73.21	P/Rft	4,466
b	3/4" dia pipe	30.00	95.79	P/Rft	2,874
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	6.00	889.46	Each	5,337
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	6.00	1,109.46	Each	6,657
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	3.00	447.15	Each	1,341
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	60.00	38.95	P.Rft	2,337
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	2.00	5,115.00	P.Rft	10,230

Total Part-B **56,381**


COST OF CARRIAGE: **546,509**

Part-A TOTAL : **7,542,836**

G.Total **8,145,726**

Say **8.146**

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS, Khuda Bux Khoso Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same. 1:2:4 (S.I.NO:20/ P.No.11)	11	5,445.00	%Cft	599
2	Dismentling C.C Plain 1:2:4.	224	3,327.50	%Cft	7,454
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	63	1,306.60	%Cft	823
4	Removing cement or lime plaster.	115	121.00	%Sft	139
5	Removing doors with Chowkates.(S.No. (b)/P.13)	-	142.18	Each	-
6	Removing Window with Chowkates.(S.No. (b)/P.13)	-	102.85	Each	-
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	4,979	3,176.25	%0Cft	15,815
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	1,353	9,416.28	%Cft	127,402
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	1,256	8,694.95	%Cft	109,209
10	Pacca brick work in foundation and plinth in cement sand mortar.	3,784	11,948.36	%Cft	452,126
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	2,631	337.00	P.Cft	886,647
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	139.57	5,001.70	P.Cwt	698,087
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	3,319	1,512.50	%0Cft	5,020
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	7,229	3,630.00	%0Cft	26,241
15	Pacca brick work in ground floor in cement sand mortar 1:6.	4,685	12,674.36	%Cft	593,794
16	Pacca brick work in other than building cement sand mortar 1:6.	89	12,346.65	%Cft	10,989
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	104	228.90	P.Rft	23,806
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	355	240.50	P.Rft	85,378


S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	193	180.50	P.Sft	34,837
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	369	902.93	P.Sft	333,181
21	Applying floating coat of cement 1/32" thick.	1,215	660.00	%Sft	8,019
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	11,342	2,206.60	%Sft	250,273
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	11,342	2,197.52	%Sft	249,243
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	126	3,015.76	%Sft	3,800
24	Cement pointing struck joints on walls ratio 1:2	1,861	1,287.44	%Sft	23,959
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the widtht not less than 6" with fine finishing (S.I.No: 35/P-55)	145	19.36	P.Sft	2,807
26	Making a Notice Board made with cement	160	58.11	P.Sft	9,298
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone agreeete.ratio 1:2:4	398	14,429.25	%Cft	57,428
28	Providind & laying floor of Verona marble tiles of size12"x12"x3/4" fine dressed on the surfacewithout winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement andpigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	2,658	307.00	P.Sft	816,006
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2"thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polshing comp(s..i.n.o68-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	600	4,411.82	%Sft	26,471
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	5,425	3,275.50	%Sft	177,696
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	20	27,678.86	%Sft	5,536
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1thick i/c finishing (S.No:38/P.)	-	28,253.61	%Sft	-
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	4,556	1,887.40	%Sft	85,990
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron farne 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	60.00	726.72	P.Sft	43,603
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	212	47,651.56	%Sft	101,021
37	White Washing (Three Coats)	4,375	829.95	%Sft	36,310
38	Priming coat of chalk under distemper.	13,314	442.75	%Sft	58,948
39	Distempering (Three coats)	13,314	1,079.65	%Sft	143,745
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	6,093	859.90	%Sft	52,394
43	P/F colour crete jto wall sruface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	1,295	6,319.50	%Sft	81,838

S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	1,861	2,567.95	%Sft	47,790
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	715	2,116.42	%Sft	15,132
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	-	977.40	%Sft	-
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	120	674.60	%Sft	810
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	12	43.26	P.Sft	519
Grand Total :					5,712,248

PART- B : W/S & S/F					
1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	1.00	5,486.80	Each	5,487
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	26.00	73.21	P/Rft	1,903
b	3/4" dia pipe	-	95.79	P/Rft	-
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	2.00	889.46	Each	1,779
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	2.00	1,109.46	Each	2,219
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	1.00	447.15	Each	447
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	-	76.95	P.Rft	-
b	Boring pipe	-	38.95	P.Rft	-
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					18,709
COST OF CARRIAGE:					504,951
Part-A TOTAL :					5,712,248
G.Total					6,235,908

Say 6.236

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS. Mitho Khoso Taluka Tando Adam.

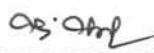
(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1.2.4 (S.I.NO:20/ P.No.11)	2,918	5,445.00	%Cft	158,885
2	Dismantling C.C Plain 1:2:4.	1,355	3,327.50	%Cft	45,088
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	7,102	1,306.60	%Cft	92,795
4	Removing cement or lime plaster.	-	121.00	%Sft	-
5	Removing doors with Chowkates.(S.No. (b)/P.13)	10	142.18	Each	1,422
6	Removing Window with Chowkates.(S.No. (b)/P.13)	25	102.85	Each	2,571
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	-	3,176.25	%0Cft	-
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	922	8,694.95	%Cft	80,167
10	Pacca brick work in foundation and plinth in cement sand mortar.	1,312	11,948.36	%Cft	156,762
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separtely. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	3,029	337.00	P.Cft	1,020,773
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	135.02	5,001.70	P.Cwt	675,330
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	-	1,512.50	%0Cft	-
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	-	3,630.00	%0Cft	-
15	Pacca brick work in ground floor in cement sand mortar 1:6.	5,085	12,674.36	%Cft	644,491
16	Pacca brick work in other than building cement sand mortar 1:6.	804	12,346.65	%Cft	99,267
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	140	228.90	P.Rft	32,046
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	414	240.50	P.Rft	99,567

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	214	180.50	P.Sft	38,627
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	401	902.93	P.Sft	362,075
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	19,953	2,206.60	%Sft	440,283
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	19,953	2,197.52	%Sft	438,471
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	-	3,015.76	%Sft	-
24	Cement pointing struck joints on walls ratio 1:2	-	1,287.44	%Sft	-
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	-	19.36	P.Sft	-
26	Making a Notice Board made with cement	256	58.11	P.Sft	14,876
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone agreee.ratio 1:2:4	465	14,429.25	%Cft	67,096
28	Providind & laying floor of Verona marble tiles of size12"x12"x3/4" fine dressed on the surfacewithout winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement andpigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	2,733	307.00	P.Sft	839,031
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2"thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o68-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	-	4,411.82	%Sft	-
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	3,745	3,275.50	%Sft	122,667
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	20	27,678.86	%Sft	5,536
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1thick i/c finishing (S.No:38/P.)	-	28,253.61	%Sft	-
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	3,745	1,887.40	%Sft	70,683
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron farme 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	60.00	726.72	P.Sft	43,603
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	184	47,651.56	%Sft	87,679
37	White Washing (Three Coats)	3,732	829.95	%Sft	30,974
38	Priming coat of chalk under distemper.	12,995	442.75	%Sft	57,535
39	Distempering (Three coats)	12,995	1,079.65	%Sft	140,301
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	6,751	859.90	%Sft	58,052
43	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	844	2,116.42	%Sft	17,863
Grand Total :					5,984,926

S.No.	Name of Item	Quantity	Rate	Unit	Amount
PART- B : W/S & S/F					
1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concrete 1:2:4 W.C With 4" dia earthe	1.00	5,486.80	Each	5,487
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortar 1:1 i/c testing with water pressure to a head of 4" feet above the top of the height pipe and refilling with ex 4" dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	26.00	73.21	P/Rft	1,903
b	3/4" dia pipe	-	95.79	P/Rft	-
4	P/F Canceled stop cock of superior quality with c.p head 1/2" dia. (S.No:13(a)/P.15).	2.00	889.46	Each	1,779
5	P/F Canceled long bib cock of superior quality with c.p head 1/2" dia. (S.No:15(a)/P.15).	2.00	1,109.46	Each	2,219
6	P/F In position Nylon connections of complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	1.00	447.15	Each	447
7	Providing and installing hand pump with all accessories 1-1/2" dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	-	76.95	P.Rft	-
b	Boring pipe	-	38.95	P.Rft	-
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					18,709
COST OF CARRIAGE:					439,365
Part-A TOTAL :					5,984,926
G.Total					6,443,000
Say					6.443

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-33 GBPS. Qaim Makrani , GBPS. Sutiari Taluka Tando
Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling cement concrete reinforcement separating reinforcement from concrete cleaning and strengthening the same. 1:2:4 (S.I.No:20/ P.No.11)	192	5,445.00	%Cft	10,454
2	Dismantling C.C Plain 1:2:4.	878	3,327.50	%Cft	29,215
3	Dismantling pucca brick work or lime cement mortar. (S.I.No13/P.11)	794	1,306.60	%Cft	10,374
4	Removing cement or lime plaster.	3,883	121.00	%Sft	4,698
5	Removing doors with Chowkates. (S.No. (b)/P.13)	4	142.18	Each	569
6	Removing Window with Chowkates. (S.No. (b)/P.13)	4	102.85	Each	411
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	3,881	3,176.25	%OCft	12,327
8	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10	2,496	8,694.95	%Cft	217,026
10	Pucca brick work in foundation and plinth in cement sand mortar.	4,599	11,948.36	%Cft	549,505
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curing rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, column, rafters, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge	2,787	337.00	P.Cft	939,219
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	132.17	5,001.70	P.Cwt	661,075
	Mild Bar	10.96	4,820.20	P.Cwt	52,829
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	2,555	1,512.50	%OCft	3,864
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	4,273	3,630.00	%OCft	15,511
15	Pucca brick work in ground floor in cement sand mortar 1:6.	5,293	12,674.36	%Cft	670,854
16	Pucca brick work in other than building cement sand mortar 1:6.	765	12,346.65	%Cft	94,452
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	140	228.90	P.Rft	32,046
18	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	450	240.50	P.Rft	108,225

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	293	180.50	P.Sft	52,887
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	487	902.93	P.Sft	439,727
21	Applying floating coat of cement 1/32" thick.	3,883	660.00	%Sft	25,628
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	22,962	2,206.60	%Sft	506,679
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	22,962	2,197.52	%Sft	504,595
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	231	3,015.76	%Sft	6,966
24	Cement pointing struck joints on walls ratio 1:2	2,239	1,287.44	%Sft	28,826
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	462	19.36	P.Sft	8,944
26	Making a Notice Board made with cement	320	58.11	P.Sft	18,595
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone agreee.ratio 1:2:4	399	14,429.25	%Cft	57,573
28	Providind & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	2,357	307.00	P.Sft	723,599
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polshing comp(s.i.n.o68-p-48)	280	186.04	P.Sft	52,091
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	1,627	4,411.82	%Sft	71,780
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	5,515	3,275.50	%Sft	180,644
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	40	27,678.86	%Sft	11,072
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1 thick i/c finishing (S.No:38/P.)	-	28,253.61	%Sft	-
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	5,284	1,887.40	%Sft	99,730
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq; bars 4" c/c with locking arrangement.	84.00	726.72	P.Sft	61,044
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	281	47,651.56	%Sft	133,901
37	White Washing (Three Coats)	6,155	829.95	%Sft	51,083
38	Priming coat of chalk under distemper.	12,114	442.75	%Sft	53,635
39	Distempering (Three coats)	13,340	1,079.65	%Sft	144,025
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	5,596	1,303.17	%Sft	72,925
42	Colour Washing (Two coats)	3,664	859.90	%Sft	31,507
43	P/F colour crete jto wall srface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	-	6,319.50	%Sft	-

S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	7,753	2,567.95	%Sft	199,093
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,202	2,116.42	%Sft	25,439
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	672	1,270.83	%Sft	8,540
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	409	977.40	%Sft	3,998
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	168	674.60	%Sft	1,133
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					7,131,490

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	2.00	5,486.80	Each	10,974
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	24.00	146.57	P.Rft	3,518
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	52.00	73.21	P/Rft	3,807
b	3/4" dia pipe	-	95.79	P/Rft	-
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	4.00	889.46	Each	3,558
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	4.00	1,109.46	Each	4,438
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	2.00	447.15	Each	894
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	-	76.95	P.Rft	-
b	Boring pipe	-	38.95	P.Rft	-
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	2.00	5,115.00	P.Rft	10,230

Total Part-B **37,419**

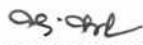
COST OF CARRIAGE: **571,877**

Part-A TOTAL : **7,131,490**

G.Total **7,740,786**

Say **7.741**

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package-34 GBPS. Bago Wadadani
GBPS. Duthro Sharif Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1.2.4 (S.I.NO:20/ P.No.11)	4,345	5,445.00	%Cft	236,585
2	Dismantling C.C Plain 1:2:4.	2,200	3,327.50	%Cft	73,205
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	5,737	1,306.60	%Cft	74,960
4	Removing cement or lime plaster.	-	121.00	%Sft	-
5	Removing doors with Chowkates.(S.No. (b)/P.13)	13	142.18	Each	1,848
6	Removing Window with Chowkates.(S.No. (b)/P.13)	24	102.85	Each	2,468
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	2,295	3,176.25	%0Cft	7,289
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	3,055	8,694.95	%Cft	265,631
10	Pacca brick work in foundation and plinth in cement sand mortar.	3,305	11,948.36	%Cft	394,893
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	6,016	337.00	P.Cft	2,027,392
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	282.81	5,001.70	P.Cwt	1,414,531
	Mild Bar	6.64	4,820.20	P.Cwt	32,006
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	1,517	1,512.50	%0Cft	2,294
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	2,679	3,630.00	%0Cft	9,725
15	Pacca brick work in ground floor in cement sand mortar 1:6.	4,941	12,674.36	%Cft	626,240
16	Pacca brick work in other than building cement sand mortar 1:6.	2,211	12,346.65	%Cft	272,984
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	175	228.90	P.Rft	40,058
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	497	240.50	P.Rft	119,529

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	376	180.50	P.Sft	67,868
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	675	902.93	P.Sft	609,478
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	27,949	2,206.60	%Sft	616,723
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	27,949	2,197.52	%Sft	614,185
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	242	3,015.76	%Sft	7,298
24	Cement pointing struck joints on walls ratio 1:2	3,874	1,287.44	%Sft	49,875
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the widtht not less than 6" with fine finishing (S.I.No: 35/P-55)	484	19.36	P.Sft	9,370
26	Making a Notice Board made with cement	352	58.11	P.Sft	20,455
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone agreeete.ratio 1:2:4	251	14,429.25	%Cft	36,217
28	Providind & laying floor of Verona marble tiles of size12"x12"x3/4" fine dressed on the surfacewithout winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement andpigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	1,418	307.00	P.Sft	435,326
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2"thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polshing comp(s..i.n.o68-p-48)	160	186.04	P.Sft	29,766
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	4,551	4,411.82	%Sft	200,782
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	9,706	3,275.50	%Sft	317,920
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	40	27,678.86	%Sft	11,072
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1thick i/c finishing (S.No:38/P.)	-	28,253.61	%Sft	-
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	7,337	1,887.40	%Sft	138,479
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron farne 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	96.00	726.72	P.Sft	69,765
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	243	47,651.56	%Sft	115,793
37	White Washing (Three Coats)	7,649	829.95	%Sft	63,483
38	Priming coat of chalk under distemper.	16,870	442.75	%Sft	74,692
39	Distempering (Three coats)	16,870	1,079.65	%Sft	182,137
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	13,590	859.90	%Sft	116,860
43	P/F colour crete jto wall sruface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	-	6,319.50	%Sft	-

S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	576	2,567.95	%Sft	14,791
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,433	2,116.42	%Sft	30,328
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	317	977.40	%Sft	3,098
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	192	674.60	%Sft	1,295
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					9,792,151

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	2.00	5,486.80	Each	10,974
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	24.00	146.57	P.Rft	3,518
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	52.00	73.21	P/Rft	3,807
b	3/4" dia pipe	-	95.79	P/Rft	-
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	4.00	889.46	Each	3,558
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	4.00	1,109.46	Each	4,438
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	2.00	447.15	Each	894
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	-	76.95	P.Rft	-
b	Boring pipe	-	38.95	P.Rft	-
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	2.00	5,115.00	P.Rft	10,230

Total Part-B **37,419**


COST OF CARRIAGE: **762,825**

Part-A TOTAL : **9,792,151**

G.Total **10,592,395**

Say **10.592**

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS. Mirza Qaleech Baig Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismanteling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1.2.4 (S.I.NO:20/ P.No.11)	2,565	5,445.00	%Cft	139,664
2	Dismantling C.C Plain 1:2:4.	3,755	3,327.50	%Cft	124,948
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	6,533	1,306.60	%Cft	85,360
4	Removing cement or lime plaster.	6,682	121.00	%Sft	8,085
5	Removing doors with Chowkates.(S.No. (b)/P.13)	11	142.18	Each	1,564
6	Removing Window with Chowkates.(S.No. (b)/P.13)	15	102.85	Each	1,543
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	-	3,176.25	%0Cft	-
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2,701	8,694.95	%Cft	234,851
10	Pacca brick work in foundation and plinth in cement sand mortar.	1,419	11,948.36	%Cft	169,547
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	2,778	337.00	P.Cft	936,186
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	118.83	5,001.70	P.Cwt	594,352
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	-	1,512.50	%0Cft	-
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	2,923	3,630.00	%0Cft	10,610
15	Pacca brick work in ground floor in cement sand mortar 1:6.	4,217	12,674.36	%Cft	534,478
16	Pacca brick work in other than building cement sand mortar 1:6.	2,411	12,346.65	%Cft	297,678
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	218	228.90	P.Rft	49,900
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	308	240.50	P.Rft	74,074

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill).	185	180.50	P.Sft	33,393
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	428	902.93	P.Sft	386,454
21	Applying floating coat of cement 1/32" thick.	6,682	660.00	%Sft	44,101
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	26,849	2,206.60	%Sft	592,450
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	26,849	2,197.52	%Sft	590,012
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	-	3,015.76	%Sft	-
24	Cement pointing struck joints on walls ratio 1:2	-	1,287.44	%Sft	-
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the width not less than 6" with fine finishing (S.I.No: 35/P-55)	-	19.36	P.Sft	-
26	Making a Notice Board made with cement	512	58.11	P.Sft	29,752
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone aggregate ratio 1:2:4	71	14,429.25	%Cft	10,245
28	Providing & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	520	307.00	P.Sft	159,640
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o68-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels.	10,527	4,411.82	%Sft	464,432
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels.	6,501	3,275.50	%Sft	212,940
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand mortar 1:2 complete (S.No:24/P.48)	100	27,678.86	%Sft	27,679
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand mortar 1 thick i/c finishing (S.No:38/P.)	450	28,253.61	%Sft	127,141
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1 Cft %Sft	927	1,887.40	%Sft	17,496
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron frame 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	60.00	726.72	P.Sft	43,603
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	54	47,651.56	%Sft	25,732
37	White Washing (Three Coats)	11,766	829.95	%Sft	97,652
38	Priming coat of chalk under distemper.	50,983	442.75	%Sft	225,727
39	Distemping (Three coats)	50,983	1,079.65	%Sft	550,438
40	Distemping (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	24,595	859.90	%Sft	211,492
43	P/F colour crete jto wall surface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	-	6,319.50	%Sft	-


S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	-	2,567.95	%Sft	-
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,701	2,116.42	%Sft	36,000
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	1,512	1,270.83	%Sft	19,215
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	120	977.40	%Sft	1,173
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	-	674.60	%Sft	-
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					7,169,607

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4" dia earthe	4.00	5,486.80	Each	21,947
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4" dia				
a	4" dia	50.00	146.57	P.Rft	7,329
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	60.00	73.21	P/Rft	4,393
b	3/4" dia pipe	68.00	95.79	P/Rft	6,514
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	8.00	889.46	Each	7,116
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	8.00	1,109.46	Each	8,876
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	4.00	447.15	Each	1,789
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	50.00	38.95	P.Rft	1,948
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					65,797
COST OF CARRIAGE:					505,241
Part-A TOTAL :					7,169,607
G.Total					7,740,645

Say **7.741**

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GPS, Hyder Khan Mari Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismateling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1:2:4 (S.I.NO:20/ P.No.11)	812	5,445.00	%Cft	44,213
2	Dismantling C.C Plain 1:2:4.	308	3,327.50	%Cft	10,249
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	2,080	1,306.60	%Cft	27,177
4	Removing cement or lime plaster.	-	121.00	%Sft	-
5	Removing doors with Chowkates.(S.No. (b)/P.13)	4	142.18	Each	569
6	Removing Window with Chowkates.(S.No. (b)/P.13)	3	102.85	Each	309
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	5,783	3,176.25	%0Cft	18,368
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	1,567	9,416.28	%Cft	147,553
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	1,829	8,694.95	%Cft	159,031
10	Pacca brick work in foundation and plinth in cement sand mortar.	5,323	11,948.36	%Cft	636,011
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	4,162	337.00	P.Cft	1,402,594
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	210.07	5,001.70	P.Cwt	1,050,707
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	3,855	1,512.50	%0Cft	5,831
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	11,011	3,630.00	%0Cft	39,970
15	Pacca brick work in ground floor in cement sand mortar 1:6.	6,632	12,674.36	%Cft	840,564
16	Pacca brick work in other than building cement sand mortar 1:6.	804	12,346.65	%Cft	99,267
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	122	228.90	P.Rft	27,926
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	426	240.50	P.Rft	102,453

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	268	180.50	P.Sft	48,374
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	505	902.93	P.Sft	455,980
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	16,218	2,206.60	%Sft	357,866
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	16,218	2,197.52	%Sft	356,394
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	136	3,015.76	%Sft	4,101
24	Cement pointing struck joints on walls ratio 1:2	2,091	1,287.44	%Sft	26,920
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the widtht not less than 6" with fine finishing (S.I.No: 35/P-55)	145	19.36	P.Sft	2,807
26	Making a Notice Board made with cement	192	58.11	P.Sft	11,157
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone agreeete ratio 1:2:4	476	14,429.25	%Cft	68,683
28	Providind & laying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	3,204	307.00	P.Sft	983,628
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polshing comp(s.i.n.068-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	1,625	4,411.82	%Sft	71,692
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	6,114	3,275.50	%Sft	200,264
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	20	27,678.86	%Sft	5,536
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1thick i/c finishing (S.No:38/P.)	-	28,253.61	%Sft	-
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	3,846	1,887.40	%Sft	72,589
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron farne 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	60.00	726.72	P.Sft	43,603
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	239	47,651.56	%Sft	113,887
37	White Washing (Three Coats)	4,962	829.95	%Sft	41,182
38	Priming coat of chalk under distemper.	12,958	442.75	%Sft	57,372
39	Distempering (Three coats)	12,958	1,079.65	%Sft	139,901
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	4,885	859.90	%Sft	42,006
43	P/F colour crete jto wall sruface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	1,535	6,319.50	%Sft	97,004


S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	2,091	2,567.95	%Sft	53,696
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,160	2,116.42	%Sft	24,550
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	191	977.40	%Sft	1,867
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	-	674.60	%Sft	-
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	12	43.26	P.Sft	519
Grand Total :					8,037,280

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	1.00	5,486.80	Each	5,487
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortar 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	26.00	73.21	P/Rft	1,903
b	3/4" dia pipe	-	95.79	P/Rft	-
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	2.00	889.46	Each	1,779
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	2.00	1,109.46	Each	2,219
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	1.00	447.15	Each	447
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	-	76.95	P.Rft	-
b	Boring pipe	-	38.95	P.Rft	-
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					18,709
COST OF CARRIAGE:					729,290
Part-A TOTAL :					8,037,280
G.Total					8,785,279

Say **8.785**

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS Nauabad Taluka Jam Nawaz Ali



(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.2. 4 ratio(s.i.no-19p-10)	1714	3327.50	%Cft	57033
2	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	104	1306.80	%Cft	1359
3	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	2244	5445.00	%Cft	122186
4	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	1673	1285.63	%Cft	21509
5	Removing cement plaster from walls(s.i.no53-p13)	9571	121	%Cft	11581
6	Removing door with chwoks(s.i.no33-p12)	5	142.18	pno	711
7	Removing windwo & sky light (s.i.no-33p-12)	8	102.85	pno	823
8	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	3124.00	3176.25	%0Cft	9923
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2199.00	8694.95	%Cft	191202
10	Pacca brick work in foundation and plinth in cement sand mortar.	3780.00	11948.36	%Cft	451648
11	Filling watering ramming earth under floor surplus earth excavated from foundation lead upto one chain and lift upto 5'	2008.00	1512.50	%0Cft	3037
12	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	3781.00	3630.00	%0Cft	13725
13	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	5326.00	337.00	Cft	1794862
14	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).	261.00	5001.70	Cwt	1305444
15	Mild Steel.	11.58	4820.20	Cwt	55818
16	Pacca brick work in ground floor in cement sand mortar 1:6.	5259.00	12674.36	%Cft	666545
17	Pacc Brick Work in Other than Building	2370.00	12346.65	%Cft	292616
18	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	23604.00	2206.60	%Sft	520846
19	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	23604.00	2197.52	%Sft	518703
20	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)	417.00	3015.76	%Sft	12576
21	Making notice board with cement sand(s.i.no-1p-100)	320.00	58.11	psft	18595
22	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.	774.00	19.36	Rft	14985
23	Cement pointing struck joints on walls.	4098.00	1287.44	%Sft	52759
24	Making notice Board with Cement Sand	128.00	58.11	P-Sft	7438
25	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)	3132.00	4411.82	%Sft	138178
26	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels. (2" thick)	12436.00	3275.50	%Sft	407341
27	Cement comcnrte plain i/c placing compacting finishing & curring comp/i/c screening & washing of stone agreete.H.ratio 1.3.6	590.00	12595.00	%cft	74311
28	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	73	27678.86	%Sft	20206
29	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4"thick i/c finishing(s.i.n.o-37p-44)	369.00	28299.30	%Sft	104424
30	Laying Verona marble flooring fine dressed on the surface without winding set in laying mortar ratio 1.2.i/c rubbing and polishing of the joints. (R.A)	3470.00	307.00	P.sft	1065290

S.No.	Name of Item	Quantity	Rate	Unit	Amount
31	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o.68-p-48)	345.00	186.04	P.Sft	64184
32	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	177.00	228.90	Rft	40515
33	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	473.00	240.50	Rft	113757
34	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill).	984.00	180.50	Sft	177612
35	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	84.00	726.72	P-Sft	61044
36	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and plate iron of 3/4" approved design and locking arrangement (s.i.no-31-p-93)	320.00	231.60	Sft	74112
37	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	467.00	902.93	Sft	421668
38	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	517.00	34520.31	%Sft	178470
39	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	10940.00	1887.40	%Sft	206482
40	White Washing (Three Coats)	10500.00	829.50	%Sft	87098
41	Colour Washing (Three Coats)	12605.00	859.90	%Sft	108390
42	Priming coat of chalk under distemper. (In lime mortar 1:3)	20315.00	442.75	%Sft	89945
43	Distemping (Three coats)	20315.00	1079.65	%Sft	219331
44	Preparing the surface and painting with weather sheet coat i/c rubbing the surface with rubbing the surface with rubbing brick and paper filling the voids chalk plaster of paris and than painting with weather coat of approved make (s.i.n.o 38(a)p-55)	8141.00	2567.95	%Sft	209057
45	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)	1009.00	2116.41	%Sft	21355
	B-OLD SURFACE	1117.00	1662.21	%Sft	18567
46	Preparing surface and painting guard bars gates, iron bars, grating, railing (including standard braces etc) and similar open work. (Three coat).(New surface)	500.00	1270.83	%Sft	6354
	B-OLD SURFACE	739.00	977.44	%Sft	7223

Total :	10060834
---------	----------

GRAND TOTAL :	10060834
---------------	----------

PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squaring type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	90.00	73.21	P/Rft	6589
	ii). 3/4" dia pipe	60.00	95.79	P/Rft	5747
	ii) 1"	50.00	128.55	P/Rft	6428
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	124.00	199.30	P/Rft	24713
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	2.00	337.92	Each	676
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	2.00	348.92	Each	698
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	2.00	4253.90	Each	8508
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	2.00	938.47	Each	1877
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	2.00	795.30	Each	1591
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7	2.00	2047.76	Each	4096
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	2.00	497.20	Each	994
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	4.00	478.28	Each	1913
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41)(PHD)	60.00	160.00	Each	9600
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe'(s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	2.00	447.15	Each	894

S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343
19	Providing chamber 15x9" inside dimnation s 24"deep for house meter with 6"thick c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	4.00	5912.22	Each	23649

G.Total Part B"

Total Part-A (Civil work)

Add Carriage

G.Total (A + B)

Rs. 136578


Rs. 10060834

Rs. 1202162

Rs. 11399574

Say 11.400

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ GBPS Jam Nawaz Ali Taluka Jam Nawaz Ali

(A- CIVIL WORK)

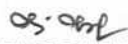
S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.2. 4 ratio(s.i.no-19p-10)	485	3327.50	%Cft	16138
2	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	19	1306.80	%Cft	248
3	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	1312	5445.00	%Cft	71438
4	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	7158	1285.63	%Cft	92025
5	Removing cement plaster from walls(s.i.no53-p13)	528	121	%Cft	639
6	Removing door with chwoks(s.i.no33-p12)	5	142.18	pno	711
7	Removing windwo & sky light (s.i.no-33p-12)	7	102.85	pno	720
8	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	2331.00	3176.25	%0Cft	7404
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	1924.00	8694.95	%Cft	167291
10	Pacca brick work in foundation and plinth in cement sand mortar.	3488.00	11948.36	%Cft	416759
11	Filling watering ramming earth under floor surplus earth excavated from foundation lead upto one chain and lift upto 5'	1517.00	1512.50	%0Cft	2294
12	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	5067.00	3630.00	%0Cft	18393
13	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2.4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	3403.00	337.00	Cft	1146811
14	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).	158.14	5001.70	Cwt	790969
	Mild Steel.	10.19	4820.20	Cwt	49118
15	Pacca brick work in ground floor in cement sand mortar 1:6.	3598.00	12674.36	%Cft	456023
16	Pacc Brick Work in Other than Building	2132.00	12346.65	%Cft	263231
17	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	21977.00	2206.60	%Sft	484944
18	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	21977.00	2197.52	%Sft	482949
19	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)	513.00	3015.76	%Sft	15471
20	Making notice board with cement sand(s.i.no-1p-100)	64.00	58.11	psft	3719
21	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.	1025.00	19.36	Rft	19844
22	Cement pointing struck joints on walls.	5209.00	1287.44	%Sft	67063
23	Making notice Board with Cement Sand	240.00	58.11	P-Sft	13946
24	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)	843.00	4411.82	%Sft	37192
25	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)	6130.00	3275.50	%Sft	200788
26	Cement comcnrte plain i/c placing compacting finishing & curring comp/i/c screening & washing of stone agreeete.H.ratio 1.3.6	348.00	12595.00	%cft	43831
27	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	70	27678.86	%Sft	19375
28	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4"thick i/c finishing(s.i.n.o-37p-44)	272.00	28299.30	%Sft	76974
29	Laying Verona marble flooring fine dressed on the surface without winding set in laying mortor ratio 1.2.i/c rubbing and polishing of the joints. (R.A)	1979.00	307.00	P.sft	607553

S.No.	Name of Item	Quantity	Rate	Unit	Amount
30	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o68-p-48)	236.00	186.04	P.Sft	43905
31	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	142.00	228.90	Rft	32504
32	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	349.00	240.50	Rft	83935
33	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	210.00	180.50	Sft	37905
34	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60.00	726.72	P-Sft	43603
35	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement (s.i.no-31-p-93)	32.00	231.60	Sft	7411
36	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	404.00	902.93	Sft	364784
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	326.00	34520.31	%Sft	112536
38	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	6374.00	1887.40	%Sft	120303
39	White Washing (Three Coats)	6186.00	829.50	%Sft	51313
40	Colour Washing (Three Coats)	10066.00	859.90	%Sft	86558
41	Priming coat of chalk under distemper. (In lime mortar 1:3)	14016.00	442.75	%Sft	62056
42	Distemping (Three coats)	14016.00	1079.65	%Sft	151324
43	Preparing the surface and painting with weather sheet coat i/c rubbing the surface with rubbing the surface with rubbing brick and paper filling the voids chalk plaster of paris and then painting with weather coat of approved make (s.i.n.o 38(a)p-55)	6397.00	2567.95	%Sft	164272
44	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)	810.00	2116.41	%Sft	17143
	B-OLD SURFACE	325.00	1662.21	%Sft	5402
45	Preparing surface and painting guard bars gates, iron bars, grating, railing (including standard braces etc) and similar open work. (Three coat).(New surface)	366.00	1270.83	%Sft	4651
	B-OLD SURFACE	335.00	977.44	%Sft	3274
Total :					6966741
GRAND TOTAL :					6966741

PART B" WATER SUPPLY & SANITARY FITTING					
1	Providing and fixing squaring type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	4.00	5044.60	Each	20178
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zinc paint with pigment to match (s.i.no1p-12)				
	i). 1/2" dia pipe	60.00	73.21	P/Rft	4393
	ii). 3/4" dia pipe	60.00	95.79	P/Rft	5747
	ii) 1"	40.00	128.55	P/Rft	5142
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				

S.No.	Name of Item	Quantity	Rate	Unit	Amount
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	110.00	199.30	P/Rft	21923
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	2.00	337.92	Each	676
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	2.00	348.92	Each	698
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	2.00	4253.90	Each	8508
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	2.00	938.47	Each	1877
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	2.00	795.30	Each	1591
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	2.00	1082.95	Each	2166
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	2.00	2047.76	Each	4096
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	2.00	497.20	Each	994
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	4.00	478.28	Each	1913
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	1.00	365.42	Each	365
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	60.00	160.00	Each	9600
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe'(s.i.no9p-43)(PHD)	10.00	166.35	Each	1664
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	1.00	18470.00	Each	18470
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	2.00	447.15	Each	894
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	2.00	1671.53	Each	3343
19	Providing chamber 15x9" inside dimnation s 24"deep for house meter with 6"thick c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	4.00	5912.22	Each	23649
G.Total Part B"					140395
Total Part-A (Civil work)				Rs.	6966741
Add Carriage				Rs.	741461
G.Total (A + B)				Rs.	7848597
				Say	7.849

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package- 35 GBPS Sindhi Berani , GBPS Urdu Berani Taluka
Jam Nawaz Ali

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:2. 4 ratio(s.i.no-19p-10)	2246	3327.50	%Cft	74736
2	Dismantling C.C. Plain 1:3. 6 ratio(s.i.no-19p-10)	74	1306.80	%Cft	967
3	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	2358	5445.00	%Cft	128393
4	Dismantling pacca brick work or lime cement mortor (s.i.no-13p-10)	6433	1285.63	%Cft	82705
5	Removing cement plaster from walls(s.i.no53-p13)	13199	121	%Cft	15971
6	Removing door with chwoks(s.i.no33-p12)	12	142.18	pno	1706
7	Removing windwo & sky light (s.i.no-33p-12)	12	102.85	pno	1234
8	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	667.00	3176.25	%0Cft	2119
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	1600.00	8694.95	%Cft	139119
10	Pacca brick work in foundation and plinth in cement sand mortar.	3055.00	11948.36	%Cft	365022
11	Filling watering ramming earth under floor surplus earth excavated from foundation lead upto one chain and lift upto 5'	0.00	1512.50	%0Cft	0
12	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	9298.00	3630.00	%0Cft	33752
13	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage.	3922.00	337.00	Cft	1321714
14	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).	174.45	5001.70	Cwt	872547
	Mild Steel.	19.24	4820.20	Cwt	92741
15	Pacca brick work in ground floor in cement sand mortar 1:6.	1946.00	12674.36	%Cft	246643
16	Pacc Brick Work in Other than Building	4456.00	12346.65	%Cft	550167
17	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	25055.00	2206.60	%Sft	552864
18	Cement plaster 1:4 upto 20' Ft. height (3/8" thick)	25055.00	2197.52	%Sft	550589
19	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)	794.00	3015.76	%Sft	23945
20	Making notice board with cement sand(si.no-1p-100)	0.00	58.11	psft	0
21	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.	1191.00	19.36	Rft	23058
22	Cement pointing struck joints on walls.	4901.00	1287.44	%Sft	63097
23	Making notice Board with Cement Sand	128.00	58.11	P-Sft	7438
24	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)	4189.00	4411.82	%Sft	184811
25	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)	13800.00	3275.50	%Sft	452019
26	Cement comncrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreeete.H.ratio 1.3.6	92.00	12595.00	%cft	11587
21	Cement comncrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreeete.H.ratio 1.2.4(s.no.5p-15)	14	14429.25	%cft	2020
27	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	186	27678.86	%Sft	51483


S.No.	Name of Item	Quantity	Rate	Unit	Amount
28	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick i/c finishing (s.i.n.o-37p-44)	544.00	28299.30	%Sft	153948
29	Laying Verona marble flooring fine dressed on the surface without winding set in laying mortar ratio 1.2 i/c rubbing and polishing of the joints. (R.A)	456.00	307.00	P.sft	139992
30	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp (s.i.n.o-68-p-48)	30.00	186.04	P.Sft	5581
31	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	221.00	228.90	Rft	50587
32	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	399.00	240.50	Rft	95960
33	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	300.00	180.50	Sft	54150
34	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	108.00	726.72	P-Sft	78486
35	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement. (s.i.no-31-p-93)	0.00	231.60	Sft	0
36	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	299.00	902.93	Sft	269976
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	600.00	34520.31	%Sft	207122
38	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	2913.00	1887.40	%Sft	54980
39	White Washing (Three Coats)	12854.00	829.50	%Sft	106624
40	Colour Washing (Three Coats)	13031.00	859.90	%Sft	112054
41	Priming coat of chalk under distemper. (In lime mortar 1:3)	26394.00	442.75	%Sft	116859
42	Distemping (Three coats)	26394.00	1079.65	%Sft	284963
43	Preparing the surface and painting with weather sheet coat i/c rubbing the surface with rubbing the surface with rubbing brick and paper filling the voids chalk plaster of paris and then painting with weather coat of approved make (s.i.n.o 38(a)p-55)	14244.00	2567.95	%Sft	365779
44	Preparing surface and painting doors and windows any type (including edges) Three Coats. (NEW SURFACE)	719.00	2116.41	%Sft	15217
	B-OLD SURFACE	1719.00	1662.21	%Sft	28573
45	Preparing surface and painting guard bars gates, iron bars, grating, railing (including standard braces etc) and similar open work. (Three coat). (New surface)	133.00	1270.83	%Sft	1690
	B-OLD SURFACE	1641.00	977.44	%Sft	16040
Total :					8011026
GRAND TOTAL :					8011026

PART B" WATER SUPPLY & SANITARY FITTING

1	Providing and fixing squaring type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	6.00	5044.60	Each	30268
---	---	------	---------	------	-------

S.No.	Name of Item	Quantity	Rate	Unit	Amount
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	160.00	73.21	P/Rft	11714
	ii). 3/4" dia pipe	120.00	95.79	P/Rft	11495
	ii). 1"	100.00	128.55	P/Rft	12855
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	24.00	146.57	P/Rft	3518
	ii). 6" dia pipe	248.00	199.30	P/Rft	49426
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	4.00	337.92	Each	1352
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	4.00	348.92	Each	1396
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	4.00	4253.90	Each	17016
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o. 18p-16)	4.00	795.30	Each	3181
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	4.00	1082.95	Each	4332
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	4.00	2047.76	Each	8191
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	4.00	497.20	Each	1989
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	6.00	478.28	Each	2870
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	4.00	102.95	Each	412
	ii). 3/4" dia	4.00	271.92	Each	1088
	ii). 1" dia	2.00	365.42	Each	731
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	120.00	160.00	Each	19200
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe' (s.i.no9p-43)(PHD)	20.00	166.35	Each	3327
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	2.00	18470.00	Each	36940
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	4.00	1671.53	Each	6686
19	Providing chamber 15x9" insiide dimnation s 24"deep for house meter with 6"thikc c.c. 1.3.6 block set on cement mortar 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	8.00	5912.22	Each	47298
G.Total Part B"					277070
Total Part-A (Civil work)				Rs.	8011026
Add Carriage				Rs.	803865
G. Total (A + B)				Rs.	9091961
				Say	9.092

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package- 36 GBPS Rassol Bux Kaloi , GBPS Ali Muhammad
Kaloi Taluka Jam Nawaz Ali

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1:2. 4 ratio(s.i.no-19p-10)	802	3327.50	%Cft	26687
2	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	289	1285.63	%Cft	3715
3	Removing cement plaster from walls(s.i.no53-p13)	3428	121	%Cft	4148
4	Removing door with chwoks(s.i.no33-p12)	4	142.18	pno	569
5	Removing window & sky light (s.i.no-33p-12)	2	102.85	pno	206
6	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	4916.00	3176.25	%0Cft	15614
7	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10	3052.00	8694.95	%Cft	265370
8	Pacca brick work in foundation and plinth in cement sand mortar.	5252.00	11948.36	%Cft	627528
9	Filling watering ramming earth under floor surplus earth excavated from foundation lead upto one chain and lift upto 5'	3034.00	1512.50	%0Cft	4589
10	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	5358.00	3630.00	%0Cft	19450
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge	3076.00	337.00	Cft	1036612
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).	150.04	5001.70	Cwt	750455
	Mild Steel.	13.86	4820.20	Cwt	66808
13	Pacca brick work in ground floor in cement sand mortar 1:6.	5914.00	12674.36	%Cft	749562
14	Pacc Brick Work in Other than Building	234.00	12346.65	%Cft	28891
15	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	18404.00	2206.60	%Sft	406103
16	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	18404.00	2197.52	%Sft	404432
17	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)	398.00	3015.76	%Sft	12003
18	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.	579.00	19.36	Rft	11209
19	Cement pointing struck joints on walls.	2887.00	1287.44	%Sft	37168
20	Making notice Board with Cement Sand	320.00	58.11	P-Sft	18595
21	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)	1561.00	4411.82	%Sft	68869
22	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)	10366.00	3275.50	%Sft	339538
23	Cement comcnrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreete.H.ratio 1.3.6	522.00	12595.00	%cft	65746
24	Cement comcnrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreete.H.ratio 1.2.4(s.no.5p-15)	0	14429.25	%cft	0
25	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	119	27678.86	%Sft	32938
26	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4"thick i/c finishing(s.i.n.o-37p-44)	236.00	28299.30	%Sft	66786
27	Laying Verona marble flooring fine dressed on the surface without winding set in laying mortor ratio 1.2.i/c rubbing and polishing of the joints. (R.A)	3159.00	307.00	P.sft	969813

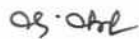
S.No.	Name of Item	Quantity	Rate	Unit	Amount
28	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp(s.i.n.o68-p-48)	352.00	186.04	P.Sft	65486
29	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	110.00	228.90	Rft	25179
30	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	426.00	240.50	Rft	102453
31	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	350.00	180.50	Sft	63175
32	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	60.00	726.72	P-Sft	43603
33	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement (s.i.no-31-p-93)	0.00	231.60	Sft	0
34	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	506.00	902.93	Sft	456883
35	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	517.00	34520.31	%Sft	178470
36	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	5308.00	1887.40	%Sft	100183
37	White Washing (Three Coats)	6869.00	829.50	%Sft	56978
38	Colour Washing (Three Coats)	10391.00	859.90	%Sft	89352
39	Priming coat of chalk under distemper. (In lime mortar 1:3)	13238.00	442.75	%Sft	58611
40	Distempering (Three coats)	13174.00	1079.65	%Sft	142233
41	Preparing the surface and painting with weather sheet coat i/c rubbing the surface with rubbing the surface with rubbing brick and paper filling the voids chalk plaster of paris and than painting with weather coat of approved make (s.i.n.o 38(a)p-55)	3407.00	2567.95	%Sft	87490
42	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)	1103.00	2116.41	%Sft	23344
43	B-OLD SURFACE	467.00	1662.21	%Sft	7763
44	Preparing surface and painting guard bars gates, iron bars, grating, railing (including standard braces etc) and similar open work. (Three coat).(New surface)	732.00	1270.83	%Sft	9302
	B-OLD SURFACE	106.00	977.44	%Sft	1036
Total :					7544945
GRAND TOTAL :					7544945

PART B" WATER SUPPLY & SANITARY FITTING

1	Providing and fixing squaring type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	2.00	5044.60	Each	10089
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	90.00	73.21	P/Rft	6589
	ii). 3/4" dia pipe	40.00	95.79	P/Rft	3832
	ii) 1"	20.00	128.55	P/Rft	2571

S.No.	Name of Item	Quantity	Rate	Unit	Amount
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in positiuon etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	12.00	146.57	P/Rft	1759
	ii). 6" dia pipe	24.00	199.30	P/Rft	4783
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	4.00	337.92	Each	1352
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	2.00	348.92	Each	698
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	0.00	4253.90	Each	0
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)		938.47	Each	0
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	0.00	795.30	Each	0
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	0.00	1082.95	Each	0
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	0.00	2047.76	Each	0
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	0.00	497.20	Each	0
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	2.00	478.28	Each	957
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	2.00	102.95	Each	206
	ii). 3/4" dia	2.00	271.92	Each	544
	ii). 1" dia	2.00	365.42	Each	731
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	100.00	160.00	Each	16000
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scoket etc comp:(F/pipe' (s.i.no9p-43)(PHD)	20.00	166.35	Each	3327
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	2.00	18470.00	Each	36940
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	4.00	447.15	Each	1789
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	4.00	1671.53	Each	6686
G.Total Part B"					98851
Total Part-A (Civil work)				Rs.	7544945
Add Carriage				Rs.	887506
G.Total (A + B)				Rs.	8531302
Say					8.531

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools
District Sanghar (191-Units) 2017-18 Programme @ Package- 37 GBPS Haji Rasheed Mari , GBPS Sobho Khan
Wassan , GGPS Berani (Urdu) Taluka Jam Nawaz Ali

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling C.C. Plain 1.2. 4 ratio(s.i.no-19p-10)	758	3327.50	%Cft	25222
2	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	27	1306.80	%Cft	353
3	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	1996	5445.00	%Cft	108682
4	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	2399	1285.63	%Cft	30842
5	Removing cement plaster from walls(s.i.no53-p13)	6455	121	%Cft	7811
6	Removing door with chwoks(s.i.no33-p12)	7	142.18	pno	995
7	Removing windwo & sky light (s.i.no-33p-12)	6	102.85	pno	617
8	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	3220.00	3176.25	%0Cft	10228
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2335.00	8694.95	%Cft	203027
10	Pacca brick work in foundation and plinth in cement sand mortar.	3620.00	11948.36	%Cft	432531
11	Filling watering ramming earth under floor surplus earth excavated from foundation lead upto one chain and lift upto 5'	1038.00	1512.50	%0Cft	1570
12	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	5228.00	3630.00	%0Cft	18978
13	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separtely. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1;2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	4346.00	337.00	Cft	1464602
14	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars) (Tor Bars).	214.72	5001.70	Cwt	1073965
	Mild Steel.	8.21	4820.20	Cwt	39574
15	Pacca brick work in ground floor in cement sand mortar 1:6.	5492.00	12674.36	%Cft	696076
16	Pacc Brick Work in Other than Building	2270.00	12346.65	%Cft	280269
17	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	26992.00	2206.60	%Sft	595605
18	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	26992.00	2197.52	%Sft	593155
19	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)	545.00	3015.76	%Sft	16436
20	Extra labour rate for making cement plaster patter pattas/band around straight or covered openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.	932.00	19.36	Rft	18044
21	Cement pointing struck joints on walls.	4280.00	1287.44	%Sft	55102
22	Making notice Board with Cement Sand	372.00	58.11	P-Sft	21617
23	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick)	3588.00	4411.82	%Sft	158296
24	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick)	6921.00	3275.50	%Sft	226697
25	Cement comcnrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreete.H.ratio 1.3.6	329.00	12595.00	%cft	41438
26	Cement comcnrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreete.H.ratio 1.2.4(s.no.5p-15)	0	14429.25	%cft	0
27	laying floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (s.i.no2p-42)	179	27678.86	%Sft	49545
28	white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4"thick i/c finishing(s.i.n.o-37p-44)	525.00	28299.30	%Sft	148571

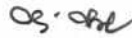
S.No.	Name of Item	Quantity	Rate	Unit	Amount
29	Laying Verona marble flooring fine dressed on the surface without winding set in laying mortar ratio 1.2 i/c rubbing and polishing of the joints. (R.A)	1527.00	307.00	P.sft	468789
30	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2" thick base of cement mortar base i/c the jointing of washing the tiles with white cement slurry finishing and polishing comp (s.i.no.68-p-48)	185.00	186.04	P.Sft	34417
31	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	157.00	228.90	Rft	35937
32	Providing & fixing G.I fixed/chowkhats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	442.00	240.50	Rft	106301
33	Supplying and fixing in position iron/steel grill of 3/4" x 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill).	629.00	180.50	Sft	113535
34	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangements (S.I.No 24 P.No 91)	156.00	726.72	P-Sft	113368
35	Supplying and fixing in position iron/steel grill door with angle iron frame of 1-1/2" and flat iron of 3/4" approved design and locking arrangement (s.i.no-31-p-93)	0.00	231.60	Sft	0
36	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	474.00	902.93	Sft	427989
37	Providing & Laying Hala or Pattern Tile Glazed 8"x8"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	629.00	34520.31	%Sft	217133
38	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	3475.00	1887.40	%Sft	65587
39	White Washing (Three Coats)	6175.00	829.50	%Sft	51222
40	Colour Washing (Three Coats)	14781.00	859.90	%Sft	127102
41	Priming coat of chalk under distemper. (In lime mortar 1:3)	13290.00	442.75	%Sft	58841
42	Distemping (Three coats)	13290.00	1079.65	%Sft	143485
43	Preparing the surface and painting with weather sheet coat i/c rubbing the surface with rubbing the surface with rubbing brick and paper filling the voids chalk plaster of paris and then painting with weather coat of approved make (s.i.no 38(a)p-55)	8173.00	2567.95	%Sft	209879
44	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)	992.00	2116.41	%Sft	20995
	B-OLD SURFACE	526.00	1662.21	%Sft	8743
45	Preparing surface and painting guard bars gates, iron bars, grating, railing (including standard braces etc) and similar open work. (Three coat).(New surface)	499.00	1270.83	%Sft	6341
	B-OLD SURFACE	124.00	977.44	%Sft	1212
Total :					8530724
GRAND TOTAL :					8530724

PART B" WATER SUPPLY & SANITARY FITTING

1	Providing and fixing squaring type white glazed flushline cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4 (s.i.no-1p-1)	6.00	5044.60	Each	30268
2	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t(s.i.no1p-12)				
	i). 1/2" dia pipe	260.00	73.21	P/Rft	19035
	ii). 3/4" dia pipe	180.00	95.79	P/Rft	17242

S.No.	Name of Item	Quantity	Rate	Unit	Amount
	ii) 1"	120.00	128.55	P/Rft	15426
3	Providing RCC Pipes with collar class:b: and digging the trenches to required depth & fixing in position i/c uttinhg & fittinhy & jointing with maxphalt composition & fixing in posituion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	36.00	146.57	P/Rft	5277
	ii). 6" dia pipe	148.00	199.30	P/Rft	29496
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	6.00	337.92	Each	2028
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	6.00	348.92	Each	2094
6	P/F 24x18 Lav:basin in white glazed earthen ware and i/c the cost w.i.or cantilever brackets 6" built in to wall painted and chormae plated brass chain and making required holes on walls for pipe connection in cement 1.2.4 (s.i.no 5p-23)	4.00	4253.90	Each	17016
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	4.00	938.47	Each	3754
8	S/F swan type pillar cock of suP,quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	4.00	795.30	Each	3181
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	4.00	1082.95	Each	4332
10	P/F 15x12" beveled edgae miroir of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	4.00	2047.76	Each	8191
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	4.00	497.20	Each	1989
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	8.00	478.28	Each	3826
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	6.00	102.95	Each	618
	ii). 3/4" dia	6.00	271.92	Each	1632
	iii). 1" dia	3.00	365.42	Each	1096
14	Boring for tube well in all water boring soils ground level upto 100ft or 30.50 meter depth i/c sinking with etc comp(Boring)(s.i.no1p-41(PHD)	190.00	160.00	Each	30400
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary scket etc comp:(F/pipe'(s.i.no9p-43)(PHD)	30.00	166.35	Each	4991
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	3.00	18470.00	Each	55410
17	P/F in position nyloon connection comp:with 1/2"brass stop cock with pair of brass nuts and llining joints to nyloon connection (s.i.no 1-p-8)	6.00	447.15	Each	2683
18	P/F c.i Floor trap with 4"dia inlet & out let of the approved self cleaning design with a C.I grating with & without vent arm i/c cost of making no:holes in walls & floor for pipe connection(S.I.NO-21P-6)	5.00	1671.53	Each	8358
19	Providing chamber 15x9" inside dimnation s 24"deep for house meter with 6"thick c.c. 1.3.6 block set on cement mortor 6"thick c.c. 1.4.8 in foundation 1/2"thick c.c. 1.3. to all inside wall surface & top 1"thick c.c. 1.2.4 flooring complete i/c cost iron cover frame etc fixid in c.c. 12.4. i/curring back ffilling & disposal of earh etc comp:(s.i.no2p-20)	7.00	5912.22	Each	41386
G.Total Part B"					309725
Total Part-A (Civil work)				Rs.	8530724
Add Carriage				Rs.	886060
Total (A + B)				Rs.	9726509
Say					9.727

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Secondary Schools District Sanghar (06-Units) 2017-18 Programme @ GBHS. Rukan Burira Taluka Sinjhoru

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Removing cement palster from walls (S.I.No. 53 P-13)	1997	121	%Sft	2416
2	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	761	1306.8	%Sft	9945
3	Dismantling RCC work in salb l/c sepraty(S.I.No. 20 P.No.10)	1306	5445	%Cft	71112
4	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	1285	1285.63	%Cft	16520
5	Excavation in foundation of building bridges and other sturture l/c degtelling gretting refilling around structure with excavated earth watering and remming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	4441	3176.25	%OCft	14106
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	1824	8694.95	%Cft	158596
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	1779	11948.36	%Cft	212561
8	R.C.C work l/c all labour and material except the cost of steel reinforcement for c.c and its labour for bending and binding which will be paid seprety (a)RC work in roof slabs beams coloumns rafts, and lintles and other structural members laid in situe or pre cost laid in position making joints and fastening (1:2:4) ratio (S.I.No 6 P.No 16)	6177	337	P.Cft	2081649
9	Febrication of mild steel reinforced for cc i/c cutting bending and lying in position making joints and fasting includes all cost of removal of rust from bars. (S.I.No. 8 (a) P-16)	291	5001.70	Cwt	1455495
10	filling watering and ramming under floor with new earth excavated from foundation lead upto nae chain lift upto 5ft.(S.I.No: 22- P-4)	2802	3630	%OCft	10171
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	5228	12674.36	%Cft	662616
12	Providing and Fixing G.I frame chowkat of size 7"x2" or 4-1/2" x 3" for door & Widows using 20 gauge G.I Sheet i/c selded hinges and fixing at site with necessary holders fasts, filling with cement sand slurry of ratio 1:6 (S.I.No: 29 P.No: 92)				
(a)	For Windows	605	240.50	P.Sft	145503
(b)	For Door	160	228.50	P.Sft	36560
13	First Class deodar wood rought joinery in door and windows etc fixied in position l/c chwkat hold fast hinges iron tower bit chowk cleats handles and coard with hooks etc 1 3/4" thick (S.I.No 7-b-P.No 58)	334	902.93	P.Sft	301579
14	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill. (S.I.No: 26 P.No: 92)	455.00	180.50	P.Sft	82128
15	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	27979	2206.60	%Sft	617385
16	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	27979	2197.52	%Sft	614844
17	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	474	3015.76	%Sft	14295
18	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (2" thick) (S.I.No -16- P.No 42)	5999	3275.50	%Sft	196497
19	Providing and Lying 1" thick C.C topping (1:2:4) i/c surface finishing & dividing into pannels. (3" thick) (S.I.No -16- P.No 42)	4439	4411.82	%Sft	195841

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Cement Concrete palin including placing compacting finishing and curing complete including screending and washing of stone aggregate without shuttering ratio 1:3:6 (S.I.No 5-h-P.No 16) .	536	12595	%Sft	67509
21	P/L Flooring of verona marbal tiles of size 12"12" *3/4 fine dressed on the surface without winding set in the cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the conour of tiles i/c curring grinding rubing and polithing etc complete i/c cutting the tiles proper profile (R.A Approved).	3153	307	P.Sft	967971
22	Providing and Fixing 3/8" thick marble tiles of approved quality and colour and shade size 8" x 4" / 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc. over 1/2" thick base of cement mortar 1:3 setting of tils in slurry of white cement over mortar base i/c filling the joints and washing the tiles with white cement slurry, currient finishing cleaning and (New work) (S.I.No 68 P.No 49)	522	186.04	P.Sft	97113
23	Providing and laying HALA or Pattern tiles glazed 8"X8" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c washing and filling of joints with salurry of white cement and pigment in desired shape with finishing clearing and cost of wax polish etc complete i/c cutting tiles to proper profile (S.I.No 61 P.No 48)	269	34520.31	%Sft	92860
24	Making Notice Board with Cement Sand (S.I No:2 P.No: 95)	275.00	58.11	P-Sft	15980
25	Two Coat of Bitumen laid hot using 34 Lbs for % Sft over roof and blinded with sand at one C.ft Per % Sft (S.I.No 13 P.No 34)	4010	1887.40	%Sft	75685
26	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	3600	12346.65	%Cft	444479
27	Making and Fixing Steel Grated Door with 1/16" thick sheeting i/c angle iron frame 2"x2"x 3/8" size and 3/4" square bars at 4" center to center i/c locking arrangments (S.I.No 24 P.No 91)	48	726.72	P.Sft	34883
28	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	1981	1287.44	%Sft	25504
29	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	90	28299.30	%Sft	25469
30	Laying Floor of approved with glazed tiles 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No 24 P.No 43)	40	27747.06	%Sft	11099
31	Colour wash 3 coats (S.I.No 25-b P.No 54)	4417	859.90	%Sft	37982
32	Preparing the surface and painting weather sheet cost i/c rubbing the surface with the rubbing brick and paper filling the voids chalk plaster of pairs and than painting with weather coat of approved makes(s.i.no38-p-55)	4981.00	2567.95	%Sft	127910
33	Distempering 2 Coats (S.I.No 24-b-P.No 54)	10853	1043.90	%Sft	113294
34	Distempering 3 Coats (S.I.No 24-a-P.No 54)	27979	1079.65	%Sft	302075
35	Primary coat of chalk under distemper (S.I.No. 23 P-54)	27979	442.75	%Sft	123877
36	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	1028	1160.06	%Sft	11925
37	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc,) and similar open work. (three coat) (OLD Surface) (S.I.No: 04 (d-i) - P.No: 49)	130	674.6	%Sft	877
38	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc,) and similar open work. (three coat) (NEW Surface) (S.I.No: 04 (d-i) - P.No: 49)	368	1270.83	%Sft	4677

S.No.	Name of Item	Quantity	Rate	Unit	Amount
39	Preparing surface painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	1265	2116.41	%Sft	26773
G.Total Part A"					9507758
Carrage Cost					620857
G.Total					10128615

PART (B)" WATER SUPPLY & SANITARY FITTING

S.No	Name Of Item	Quantity	Rate	Unit	Amount
1	P/F: squanting eurptan type white glazed earthenware W.C Pan with from inlet complete with & i/c the cost of flusing elsiem with internal fitting and flushing pipe bedn and making requisite number of holes wass plinth and floor pipe clear for connection & making good in cement concrete 1:2:4 with 4" dia (S.I.No: 1 (ii) P.No: 1)	2.00	5044.60	Each	10089
2	Providing & Fixing brass bib cock superior quality (S.I.No: 1 P.No: 16)				
	1/2"Thick	2.00	337.92	P.No	676
3	Providing G.I pipe specials clamps etc l/c fixing cutting and fitting complete with and l/c the cost of breaking through walls and Roof making good painting with 2-coats after cleaning the pipe etc with thite zink paint with pigment to match the colour of the building and testing with water pressure head of 200' feet handling. (S.I.No: 1p- P.No: 12)				
	i) 1/2" dia pipe	50.00	73.21	P.Rft	3661
	ii) 3/4" dia pipe	30.00	95.79	P.Rft	2874
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	1.00	102.95	P.No	103
5	S/F AC morot 1 HP phase i/c boring & fixing with G.I nuts bolts etc fixing at 1:2:4 cc.plate form (R.A)	1	18470.00	P.Rft	18470

G.Total Part B

Rs: 18755

G.Total Part A

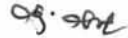
Rs: 10128615

Grand Total

Rs: 10147370

Say 10.147

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Secondary Schools District Sanghar (06-Units) 2017-18 Programme @ GBHS, Jamia Millia Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismanteling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1:2:4 (S.I.NO:20/ P.No.11)	4,146	5,445.00	%Cft	225,750
2	Dismantling C.C Plain 1:2:4.	2,438	3,327.50	%Cft	81,124
3	Dismanteling pacca brick work or lime cement mortor.(S.I.No13/P.11)	9,415	1,306.60	%Cft	123,016
4	Removing cement or lime plaster.	8,847	121.00	%Sft	10,705
5	Removing doors with Chowkates (S.No. (b)/P.13)	18	142.18	Each	2,559
6	Removing Window with Chowkates.(S.No. (b)/P.13)	33	102.85	Each	3,394
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	270	3,176.25	%0Cft	858
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2,642	8,694.95	%Cft	229,721
10	Pacca brick work in foundation and plinth in cement sand mortar.	3,025	11,948.36	%Cft	361,438
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	6,984	337.00	P.Cft	2,353,608
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	339.42	5,001.70	P.Cwt	1,697,677
	Mild Bar	-	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	-	1,512.50	%0Cft	-
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	14,179	3,630.00	%0Cft	51,470
15	Pacca brick work in ground floor in cement sand mortar 1:6.	6,898	12,674.36	%Cft	874,277
16	Pacca brick work in other than building cement sand mortar 1:6.	2,932	12,346.65	%Cft	362,004
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	329	228.90	P.Rft	75,308
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	307	240.50	P.Rft	73,834

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	472	180.50	P.Sft	85,196
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	1,036	902.93	P.Sft	935,435
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	38,772	2,206.60	%Sft	855,543
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	38,772	2,197.52	%Sft	852,022
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	-	3,015.76	%Sft	-
24	Cement pointing struck joints on walls ratio 1:2	-	1,287.44	%Sft	-
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the widtht not less than 6" with fine finishing (S.I.No: 35/P-55)	-	19.36	P.Sft	-
26	Making a Notice Board made with cement	680	58.11	P.Sft	39,515
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone agreeete.ratio 1:2:4	176	14,429.25	%Cft	25,395
28	Providind & laying floor of Verona marble tiles of size12"x12"x3/4" fine dressed on the surfacewithout winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement andpigment to match the colour of tiles, including curing, griinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	935	307.00	P.Sft	287,045
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2"thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polshing comp(s..i.n.068-p-48)	-	186.04	P.Sft	-
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	8,421	4,411.82	%Sft	371,519
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	12,456	3,275.50	%Sft	407,996
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	40	27,678.86	%Sft	11,072
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor lthick i/c finishing (S.No:38/P.)	144	28,253.61	%Sft	40,685
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	12,456	1,887.40	%Sft	235,095
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron farne 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	60.00	726.72	P.Sft	43,603
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	592	47,651.56	%Sft	282,097
37	White Washing (Three Coats)	9,890	829.95	%Sft	82,082
38	Priming coat of chalk under distemper.	20,537	442.75	%Sft	90,928
39	Distempering (Three coats)	20,537	1,079.65	%Sft	221,728
40	Distempering (Two coats)	5,533	1,043.90	%Sft	57,759
41	Colour Washing (Three coats)	18,028	1,303.17	%Sft	234,935
42	Colour Washing (Two coats)	-	859.90	%Sft	-
43	P/F colour crete jto wall sruface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	6,675	6,319.50	%Sft	421,827

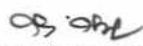
S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	-	2,567.95	%Sft	-
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	2,264	2,116.42	%Sft	47,916
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	324	1,270.83	%Sft	4,117
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	120	977.40	%Sft	1,173
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	96	674.60	%Sft	648
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					12,159,729

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4" dia earthe	6.00	5,486.80	Each	32,921
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortar 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4" dia				
a	4" dia	40.00	146.57	P.Rft	5,863
b	6" dia	-	199.25	P.Rft	-
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	70.00	73.21	P/Rft	5,125
b	3/4" dia pipe	60.00	95.79	P/Rft	5,747
4	P/F Canceled stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	8.00	889.46	Each	7,116
5	P/F Canceled long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	8.00	1,109.46	Each	8,876
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	4.00	447.15	Each	1,789
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	50.00	38.95	P.Rft	1,948
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					75,270
COST OF CARRIAGE:					797,232
Part-A TOTAL :					12,159,729
G.Total					13,032,231

Say **13,032**

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SCHEDULE OF PRICES (BOQ)

(Description and rate of items based on Composite Schedule of Rates)

Name of Work : Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Secondary Schools District Sanghar (06-Units) 2017-18 Programme @ GBHS. Tayyab Thahim Taluka Tando Adam.

(A- CIVIL WORK)

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismanteling cement concreat reniforcement seprating reniforcement from concreat cleaning and strenthening the same.1.2.4 (S.I.NO:20/ P.No.11)	948	5,445.00	%Cft	51,619
2	Dismantling C.C Plain 1:2:4.	856	3,327.50	%Cft	28,483
3	Dismanteling pacca brick work or lime cement mortor.(S.I.No13/P.11)	1,745	1,306.60	%Cft	22,800
4	Removing cement or lime plaster.	-	121.00	%Sft	-
5	Removing doors with Chowkates.(S.No. (b)/P.13)	8	142.18	Each	1,137
6	Removing Window with Chowkates.(S.No. (b)/P.13)	12	102.85	Each	1,234
7	Excavation in Foundation of Building Bridges and Other Structures Including Dagbelling Dressing Refilling around Structure with Excavated Earth Watering and Ramming lift upto 5ft (Ordinary soil)	3,037	3,176.25	%0Cft	9,646
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	-	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2,453	8,694.95	%Cft	213,287
10	Pacca brick work in foundation and plinth in cement sand mortar.	3,618	11,948.36	%Cft	432,292
11	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separatly. The rate includes all kinds of forms, moulds, lifting, centering, shuttering, curring rendering and finishing the exposed surface (including screening and washing of shingle). RCC work in roof slab beams, coloumn, rafis, lintels and other structural members laid in situ or precast laid in position complete in all respects (i) Ratio 1:2:4 90 Lbs of cement 2 Cft sand and 4 Cft shingle 1/8" to 3/4" guage	3,130	337.00	P.Cft	1,054,810
12	Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastening including cost of binding wire (also removal of rust from bars).				
	Tor Bar	148.27	5,001.70	P.Cwt	741,602
	Mild Bar	9.15	4,820.20	P.Cwt	44,105
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	2,008	1,512.50	%0Cft	3,037
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	3,781	3,630.00	%0Cft	13,725
15	Pacca brick work in ground floor in cement sand mortar 1:6.	5,614	12,674.36	%Cft	711,539
16	Pacca brick work in other than building cement sand mortar 1:6.	-	12,346.65	%Cft	-
17	Providing & fixing G.I fixed/Chowkhats of size 7"x2" or 4 1/2"x3" for Doors using 20 gauge G.I sheet i/c welded hinges an dfixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1"6 and repairing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	175	228.90	P.Rft	40,058
18	Providing & fixing G.I fixed/chowkats of size 7"x2" or 4 1/2" x 3" for windows using 20 gauge G.i sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and preparing the jambs. The cost also i/c all carriage tools and plants used in making and fixing.	521	240.50	P.Rft	125,301

S.No.	Name of Item	Quantity	Rate	Unit	Amount
19	Supplying and fixing in position iron/steel grill of 3/4" * 1/4" flat iron of approved design including painting 3 coats etc, complete (weight not less than 3.70 Lbs per sq. ft. of finished grill.	309	180.50	P.Sft	55,775
20	First class deodar wood wrought framed and fixed in place including chowkhats hold fasts, tower bolts, chocks, cleats, handles, cord with hooks and cost of nails and screws, etc (Panelled or panelled and glazed or fully glazed 1-1/2" thick).	528	902.93	P.Sft	476,747
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	12,556	2,206.60	%Sft	277,061
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	12,556	2,197.52	%Sft	275,921
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	146	3,015.76	%Sft	4,403
24	Cement pointing struck joints on walls ratio 1:2	1,447	1,287.44	%Sft	18,629
25	Extra labour rate for making cement plaster pattas /bend around straight cover opening and around the edge of roof slab the widtht not less than 6" with fine finishing (S.I.No: 35/P-55)	292	19.36	P.Sft	5,653
26	Making a Notice Board made with cement	288	58.11	P.Sft	16,736
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone agreeete.ratio 1:2:4	321	14,429.25	%Cft	46,318
28	Providind & laying floor of Verona marble tiles of size12"x12"x3/4" fine dressed on the surfacewithout winding setin white cement laid over 3/4" thick bed of 1:2 grey cement mortor setting the tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement andpigment to match the colour of tiles, including curing, grinding, rubbing and polishing etc complete i/c cutting tiles to proper profile. (R.A)	1,886	307.00	P.Sft	579,002
29	P/F 3/8" thick marble of approved quality and colour and shade size of 8x4" in dado skirting and facing removal and tucking of existing plaster surface etc over 1/2"thick base of cement mortor base i/c the jointing of washing the tiles with white cement slurry finishing and polshing comp(s..i.n.o68-p-48)	213	186.04	P.Sft	39,627
30	Providing and laying 3 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	1,120	4,411.82	%Sft	49,412
31	Providing and laying 2 " thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	5,751	3,275.50	%Sft	188,374
32	Laying floor approved with glazed tiles 1/4 thick in white cement 1:2 grey cement sand martor 1:2 complete (S.No:24/P.48)	20	27,678.86	%Sft	5,536
33	White glazed tiles 1/4 thick dado jointed in white cement and laid over 1:2 cement sand martor 1thick i/c finishing (S.No:38/P.)	72	28,253.61	%Sft	20,343
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	2,603	1,887.40	%Sft	49,129
35	M/F Steel grated door with 1/16" thick sheeting i/c angle iron farne 2"x2"x3/8" and 3/8" sq: bars 4" c/c with locking arrangement.	-	726.72	P.Sft	-
36	Providing & Laying Hala or Pattern Tile Glazed 6"x6"x1/4" on Wall Facing in required Floor & Pattern of Style specification jointed in White Cement & Pigments over Base of 1:2 Grey Cement Mortar 3/4" Thick etc....	194	47,651.56	%Sft	92,444
37	White Washing (Three Coats)	4,210	829.95	%Sft	34,941
38	Priming coat of chalk under distemper.	10,295	442.75	%Sft	45,581
39	Distempering (Three coats)	10,295	1,079.65	%Sft	111,150
40	Distempering (Two coats)	-	1,043.90	%Sft	-
41	Colour Washing (Three coats)	-	1,303.17	%Sft	-
42	Colour Washing (Two coats)	2,192	859.90	%Sft	18,849
43	P/F colour crete jto wall sruface to provide durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance upto 20" height. (S.I.No: 44 P-53)	-	6,319.50	%Sft	-

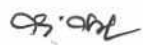
S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	747	2,567.95	%Sft	19,183
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	1,138	2,116.42	%Sft	24,085
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	-	1,270.83	%Sft	-
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	328	977.40	%Sft	3,206
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	-	674.60	%Sft	-
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	-	43.26	P.Sft	-
Grand Total :					6,054,988

PART- B : W/S & S/F

1	Providing and fixing squatting type while glazed of flushing cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concreat 1:2:4 W.C With 4"dia earthe	2.00	5,486.80	Each	10,974
2	Providing R.C.C pipes and collars of class B and fitting in treach i/c cutting fitting and jointing with maxphalt composition and cement mortor 1:1 i/c testing with water preasure to a head of 4"feet above the top of the height pipe and refilling with ex 4"dia				
a	4" dia	12.00	146.57	P.Rft	1,759
b	6" dia	12.00	199.25	P.Rft	2,391
3	Providing GI pipes specials and clamps etc including fixing cutting and fittings complete with and i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match t				
a	1/2" dia pipe	35.00	73.21	P/Rft	2,562
b	3/4" dia pipe	30.00	95.79	P/Rft	2,874
4	P/F Canceled stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	4.00	889.46	Each	3,558
5	P/F Canceled long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	4.00	1,109.46	Each	4,438
6	P/F In position Nylon connections of complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nylon conection. (S.No:23/P06).	2.00	447.15	Each	894
7	Providing and installing hand pump with all accessories 1-1/2"dia coir strainer with wooden shoe i/c boring fitting fixing etc complete.(R.A Approved).				
a	Filter pipe	10.00	76.95	P.Rft	770
b	Boring pipe	60.00	38.95	P.Rft	2,337
8	S/F Approved quality motor pump set singel phase motor 1.00 H.P etc Complete 1:2:4 Plate from i/c fitting with C.I nuts and bolts.(R.A Approved).	1.00	5,115.00	P.Rft	5,115
Total Part-B					37,672
COST OF CARRIAGE:					599,855
Part-A TOTAL :					6,054,988
G.Total					6,692,515

Say 6.693

Note: Any variation in the description on item Quantites, Rates if any as per Sanctioned Estimate will be accepted


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SANGHAR

SPPRA BIDDING DOCUMENT

STANDARD FORM OF BIDDING DOCUMENT

FOR

PROCUREMENT OF WORKS

**OFFICE OF THE
EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
SANGHAR.**

SUMMARY OF ONTENTS

- I). INVITATION FOR BIDS
- II). INSTRUCTIONS TO BIDDERS & BIDDING DATA
- III). FORM OF BID & SCHEDULES TO BID
- IV). CONDITIONS OF CONTRACT & CONTRACT DATA
- V). STANDARD FORMS
- VI). SPECIFICATIONS
- VII). DRAWINGS

TABLE OF CONTENTS

INSTRUCTIONS TO BIDDERS

<i>Clause No.</i>	<i>Description</i>	<i>Page No.</i>
A. GENERAL		
IB.1	Scope of Bid & Source of Funds.....	6
IB.2	Eligible Bidders.....	6
IB.3	Cost of Bidding.....	7
B. BIDDING DOCUMENTS		
IB.4	Contents of Bidding Documents.....	7
IB.5	Clarification of Bidding Documents.....	7
IB.6	Amendment of Bidding Documents.....	8
C- PREPARATION OF BID		
IB.7	Language of Bid.....	8
IB.8	Documents Comprising the Bid.....	8
IB.9	Sufficiency of Bid.....	8
IB.10	Bid Prices, Currency of Bid & Payment.....	9
IB.11	Documents Establishing Bidder's Eligibility and Qualifications...	9
IB.12	Documents Establishing Works Conformity to Bidding Documents.....	9
IB.13	Bidding Security.....	10
IB.14	Validity of Bids, Format, Signing and Submission of Bid.....	10
D-SUBMISSION OF BID		
IB.15	Deadline for Submission, Modification & Withdrawal of Bids....	11
E. BID OPENING AND EVALUATION		
IB.16	Bid Opening, Clarification and Evaluation.....	12
IB.17	Process to be Confidential.....	13
F. AWARD OF CONTRACT		
IB.18	Qualification.....	13
IB.19	Award Criteria & Executive Engineer Education Works Division Sanghar's Right.....	14
IB.20	Notification of Award & Signing of Contract Agreement.....	14
IB.21	Performance Security.....	14
IB.22	Integrity Pact.....	15

INSTRUCTIONS TO BIDDERS

(Note: *These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed*).

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

The Executive Engineer Education Works Division Sanghar as defined in the Bidding Data (hereinafter called -the Executive Engineer Education Works Division Sanghar) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as -the Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

1.2 Source of Funds

The Executive Engineer Education Works Division Sanghar has arranged funds from *Provincial Government* which may be indicated accordingly in bidding data towards the cost of the project/scheme.

IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

- a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 2.5 million or less shall not require any registration with PEC.

- b) duly pre-qualified with the Executive Engineer Education Works Division Sanghar. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

- c) if prequalification has not undertaken, the Executive Engineer Education Works Division Sanghar may ask information and documents not limited to following:-
 - (i) company profile;
 - (ii) works of similar nature and size for each performed in last 3/5 years;
 - (iii) construction equipments;
 - (iv) qualification and experience of technical personnel and key site management;
 - (v) financial statement of last 3 years;
 - (vi) information regarding litigations and abandoned works if any.

IB.3 Cost of Bidding

- 3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and the Executive Engineer Education Works Division Sanghar will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process (SPP Rules 24 & 25).

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

- 4.1 In addition to Invitation for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause IB.6.1.

1. Instructions to Bidders & Bidding Data
2. Form of Bid, Qualification Information & Schedules to Bid
Schedules to Bid comprise the following:
 - (i) Schedule A: Schedule of Prices/ Bill of Quantities (BoQ).
 - (ii) Schedule B: Specific Works Data
 - (iii) Schedule C: Works to be Performed by Subcontractors
 - (iv) Schedule D: Proposed Programme of Works
 - (v) Schedule E: Method of Performing Works
 - (vi) Schedule F: Integrity Pact (works costing Rs 10 million and above)
3. Conditions of Contract & Contract Data
4. Standard Forms:
 - (i) Form of Bid Security,
 - (ii) Form of Performance Security;
 - (iii) Form of Contract Agreement;
 - (iv) Form of Bank Guarantee for Advance Payment.
5. Specifications
6. Drawings, if any

IB.5 Clarification of Bidding Documents

- 5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer/Executive Engineer Education Works Division Sanghar at the Engineer's/ Executive Engineer Education Works Division Sanghar's address indicated in the Bidding Data.
- 5.2 An interested bidder, who has obtained bidding documents, may request for clarification

of contents of bidding documents in writing and Executive Engineer Education Works Division Sanghar shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid (SPP Rule 23-1).

IB.6 Amendment of Bidding Documents (SPP Rules 22(2) & 22).

- 6.1 At any time prior to the deadline for submission of Bids, the Executive Engineer Education Works Division Sanghar may, for any reason, whether at his own initiative or in response to a clarification requested by a interested bidder, modify the Bidding Documents by issuing addendum.
- 6.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof, and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Executive Engineer Education Works Division Sanghar.
- 6.3 To afford interested bidders reasonable time in which to take an addendum into account in preparing their Bids, the Executive Engineer Education Works Division Sanghar may at its discretion extend the deadline for submission of Bids.

C. PREPARATION OF BIDS

IB.7 Language of Bid

- 7.1 All documents relating to the Bid shall be in the language specified in the Contract Data.

IB.8 Documents Comprising the Bid

- 8.1 The Bid submitted by the bidder shall comprise the following:
 - (a) Offer /Covering Letter
 - (b) Form of Bid duly filled, signed and sealed, in accordance with IB.14.3.
 - (c) Schedules (A to F) to Bid duly filled and initialed, in accordance with the instructions contained therein & in accordance with IB.14.3.
 - (d) Bid Security furnished in accordance with IB.13.
 - (e) Power of Attorney in accordance with IB 14.5.
 - (f) Documentary evidence in accordance with IB.2(c) & IB.11
 - (g) Documentary evidence in accordance with IB.12.

IB.9 Sufficiency of Bid

- 9.1 Each bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the premium on the rates of CSR / rates and prices quoted/entered in the Schedule of Prices, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper completion of the works.

- 9.2 The bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the Works.

IB.10 Bid Prices, Currency of Bid and Payment

- 10.1 The bidder shall fill up the Schedule of Prices (Schedule A to Bid) indicating the percentage above or below the Composite Schedule of Rates/unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices/Bill of Quantities shall be quoted entirely in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.
- 10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.
- 10.3 The unit rates and prices in the Schedule of Prices or percentage above or below on the composite schedule of rates shall be quoted by the bidder in the currency as stipulated in Bidding Data.
- 10.4 Items for which no rate or price is entered by the Bidder will not be paid for by the Executive Engineer Education Works Division Sanghar when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

IB.11 Documents Establishing Bidder's Eligibility and Qualifications

- 11.1 Pursuant to Clause IB.8, the bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
- 11.2 Bidder must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria mentioned in the Bidding Documents.

IB.12 Documents Establishing Works' Conformity to Bidding Documents

- 12.1 The documentary evidence of the Works' conformity to the Bidding Documents may be in the form of literature, drawings and data and the bidder shall furnish documentation as set out in Bidding Data.
- 12.2 The bidder shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, if any, designated by the Executive Engineer Education Works Division Sanghar in the Technical Provisions are intended to be descriptive only and not restrictive.

IB.13 Bid Security

- 13.1 Each bidder shall furnish, as part of his bid, at the option of the bidder, a Bid Security as percentage of bid price/estimated cost or in the amount stipulated in Bidding Data in Pak. Rupees in the form of *Deposit at Call/ Payee's Order or a Bank Guarantee* issued by a Scheduled Bank in Pakistan in favour of the Executive Engineer Education Works Division Sanghar valid for a period up to twenty eight (28) days beyond the bid validity date (*Bid security should not be below 1% and not exceeding 5% of bid price/estimated cost SPP Rule 37*).
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Agency as non-responsive.
- 13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, and signed the Contract Agreement (SPP Rule 37).
- 13.5 The Bid Security may be forfeited:
- (a) if a bidder withdraws his bid during the period of bid validity; or
 - (b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or
 - (c) in the case of a successful bidder, if he fails within the specified time limit to:
 - (i) furnish the required Performance Security or
 - (ii) sign the Contract Agreement.

IB.14 Validity of Bids, Format, Signing and Submission of Bid

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.
- 14.2 In exceptional circumstances, Executive Engineer Education Works Division Sanghar may request the bidders to extend the period of validity for a additional period but not exceeding 1/3 of the original period. The request and the bidders' responses shall be made in writing or by cable. A Bidder may refuse the request without forfeiting the Bid Security. A Bidder agreeing to the request will not be required or permitted to otherwise modify the Bid, but will be required to extend the validity of Bid Security for the period of the extension, and in compliance with IB.13 in all respects (SPP Rule 38).
- 14.3 All Schedules to Bid are to be properly completed and signed.
- 14.4 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.

- 14.5 Each bidder shall prepare Original and number of copies specified in the Bidding Data of the documents comprising the bid as described in 1B.8 and clearly mark them -ORIGINAL and -COPY as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorising the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address to Procuring Agency as given in Bidding Data.

D. SUBMISSION OF BID

1B.15 Deadline for Submission, Modification & Withdrawal of Bids

- 15.1 Bids must be received by the Executive Engineer Education Works Division Sanghar at the address/provided in Bidding Data not later than the time and date stipulated therein.
- 15.2 The inner and outer envelopes shall
- (a) be addressed to the Executive Engineer Education Works Division Sanghar at the address provided in the Bidding Data; (b) bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
 - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
 - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
 - (e) If the outer envelope is not sealed and marked as above, the Executive Engineer Education Works Division Sanghar will assume no responsibility for the misplacement or premature opening of the Bid.
- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.4 Any bid received by the Executive Engineer Education Works Division Sanghar after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Executive Engineer Education Works Division Sanghar prior to the deadline for submission of bids.
- 15.6 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to 1B.13.5 (a).

E. BID OPENING AND EVALUATION

IB.16 Bid Opening, Clarification and Evaluation (SPP Rules 41, 42 & 43)

- 16.1 The Executive Engineer Education Works Division Sanghar will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and in the place specified in the Bidding Data.
- 16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Executive Engineer Education Works Division Sanghar at its discretion may consider appropriate, will be announced by the Executive Engineer Education Works Division Sanghar at the bid opening. The Executive Engineer Education Works Division Sanghar will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet. Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.
- 16.3 To assist in the examination, evaluation and comparison of Bids the Engineer/Executive Engineer Education Works Division Sanghar may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).
- 16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Executive Engineer Education Works Division Sanghar will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.
- (b) Arithmetical errors will be rectified on the following basis:
- If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Executive Engineer Education Works Division Sanghar in accordance with the Corrected Schedule of Prices.
- If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.
- 16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.
- 16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Executive Engineer Education Works Division Sanghar, provided such waiver does not prejudice or affect the relative ranking of any other bidders

(A) Major (material) Deviations include:-

- (i) has been not properly signed;
- (ii) is not accompanied by the bid security of required amount and manner;
- (iii) stipulating price adjustment when fixed price bids were called for;
- (iv) failing to respond to specifications;
- (v) failing to comply with Mile-stones/Critical dates provided in Bidding Documents;
- (vi) sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;
- (vii) refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
- (viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- (ix) a material deviation or reservation is one :
 - (a) which affect in any substantial way the scope, quality or performance of the works;
 - (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

(B) Minor Deviations

Bids that offer deviations acceptable to the Executive Engineer Education Works Division Sanghar and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.

- 16.7 The Engineer/Executive Engineer Education Works Division Sanghar will evaluate and compare only the bids previously determined to be substantially responsive pursuant to IB.16.4 to 16.6 as per requirements given hereunder. Bids will be evaluated for complete scope of works. The prices will be compared on the basis of the Evaluated Bid Price pursuant to IB.16.8 herein below.

Technical Evaluation: It will be examined in detail whether the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

16.8 Evaluated Bid Price

In evaluating the bids, the Engineer/Executive Engineer Education Works Division Sanghar will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

- (i) making any correction for arithmetic errors pursuant to IB.16.4 hereof.
- (ii) discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- (iii) excluding **provisional sums** and the provisions for **contingencies** in the Bill of Quantities if any, but including **Day work**, where priced competitively.

IB.17 Process to be Confidential

- 17.1 Subject to IB.16.3 heretofore, no bidder shall contact Engineer/Executive Engineer Education Works Division Sanghar on any matter relating to its Bid from the time of the Bid opening to the time the bid evaluation result is announced by the Executive Engineer Education Works Division Sanghar. The evaluation result shall be announced at least seven (07) days prior to award of Contract (SPP Rule 45). The announcement to all bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated.
- 17.2 Any effort by a bidder to influence Engineer/Executive Engineer Education Works Division Sanghar in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid. Whereas any bidder feeling aggrieved, may lodge a written complaint to Complaint Redressal Committee as per terms and conditions mentioned in SPP Rules 31 & 32. However, mere fact of lodging a complaint shall not warrant suspension of procurement process.
- 17.3 Bidders may be excluded if involved in "**Corrupt and Fraudulent Practices**" means either one or any combination of the practices given below SPP Rule 2(q):
- (i) **-Coercive Practice** means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;
 - (ii) **-Collusive Practice** means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the Executive Engineer Education Works Division Sanghar to establish prices at artificial, noncompetitive levels for any wrongful gain;
 - (iii) **"Corrupt Practice"** means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;
 - (iv) **-Fraudulent Practice** means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - (v) **"Obstructive Practice"** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

IB.18. Post Qualification F. AWARD OF CONTRACT

18.1 The Executive Engineer Education Works Division Sanghar, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided, that such qualification shall only be laid down after recording reasons therefore in writing. They shall form part of the records of that bid evaluation report.

18.2 The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidders' qualifications submitted under B.11, as well as such other information required in the Bidding Documents.

IB.19 Award Criteria & Executive Engineer Education Works Division Sanghar's Right

19.1 Subject to IB.19.2, the Executive Engineer Education Works Division Sanghar will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be qualified to satisfactory perform the Contract in accordance with the provisions of the IB.18.

19.2 Notwithstanding IB.19.1, the Executive Engineer Education Works Division Sanghar reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Executive Engineer Education Works Division Sanghar's action except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders (SPP Rule 25).

IB.20 Notification of Award & Signing of Contract Agreement

20.1 Prior to expiration of the period of bid validity prescribed by the Executive Engineer Education Works Division Sanghar, the Executive Engineer Education Works Division Sanghar will notify the successful bidder in writing (Letter of Acceptance) that his bid has been accepted (SPP Rule 49).

20.2 Within seven (07) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Executive Engineer Education Works Division Sanghar will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.

20.3 The formal Agreement between the Executive Engineer Education Works Division Sanghar and the successful bidder duly stamped at rate of ---% of bid price(updated from time to time) stated in Letter of Acceptance shall be executed within seven (07) days of the receipt of Form of Contract Agreement by the successful bidder from the Executive Engineer Education Works Division Sanghar.

IB.21 Performance Security

Deleted

IB.22 Integrity Pact The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-F to Bid in the Bidding Document for all Sindh Government procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid non-responsive (SPP Rule 89).

[SCHEDULES TO BID INCLUDE THE FOLLOWING:

- Schedule A to Bid: Schedule of Prices
- Schedule B to Bid: Specific Works Data
- Schedule C to Bid: Works to be Performed by Subcontractors
- Schedule D to Bid: Proposed Program of Works
- Schedule E to Bid: Method of Performing Works
- Schedule F to Bid: Integrity Pact]

BIDDING DATA

(This section should be filled in by the Engineer/Executive Engineer Education Works Division Sanghar before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders

Clause Reference

1.1 Executive Engineer Education Works Division Sanghar

Brief Description of Works

Attached.

5.1 (a) Executive Engineer Education Works Division Sanghar's address:

OFFICE OF THE EXECUTIVE ENGINEER EDUCATION WORKS DIVISION OLD BOYS
HOSTEL EDUCATION WORKS NAWABSHAH ROAD SANGHAR

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows: *(Insert required capabilities and documents)*

i. Financial capacity: *(must have turnover of Rs-----Million);*

ii. Technical capacity: *(mention the appropriate category of registration with PEC and qualification and experience of the staff);*

iii. Construction Capacity: *(mention the names and number of equipments required for the work);*

- 12.1 (a) A detailed description of the Works, essential technical and performance characteristics.
- (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 Amount of Bid Security

2% OF BID PRICE

14.1 Period of Bid Validity

90 DAYS

14.4 Number of Copies of the Bid to be submitted:

One original

14.6 (a) Executive Engineer Education Works Division Sanghar's Address for the Purpose of Bid Submission

AS ABOVE

(Insert postal address or location of bid box for delivery by hand)

15.1 Deadline for Submission of Bids

AS PUBLISHED IN NIT

16.1 Venue, Time, and Date of Bid Opening

AS PUBLISHED IN NIT

16.4 Responsiveness of Bids

- (i) Bid is valid till required period,

- (ii) Bid prices are firm during currency of contract/Price adjustment;
- (iii) Completion period offered is within specified limits.
- (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
- (v) Bid does not deviate from basic technical requirements and
- (vi) Bids are generally in order, etc.

*Executive Engineer Education Works Division Sanghar can adopt either of two options.
(Select either of them)

- (a) **Fixed Price contract:** In these contracts no escalation will be provided during currency of the contract and normally period of completion of these works is upto 12 months.
- (b) **Price adjustment contract:** In these contracts escalation will be paid only on those items and in the manner as notified by Finance Department, Government of Sindh, after bid opening during currency of the contract.

FORM OF BID AND SCHEDULES TO BID

FORM OF BID
(LETTER OF OFFER)

Bid Reference No. _____

(Name of Works)

To: _____

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. _____ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address _____ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs _____ (Rupees _____) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of _____ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.
5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We undertake, if our Bid is accepted, to execute the Performance Security

referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this _____ day of _____, 20

Signature _____

In the capacity of _____ duly authorized to sign bid for and on behalf of

(Name of Bidder in Block Capitals)

(Seal)

Address

Witness:

(Signature) _____

Name: _____

Address: _____

SCHEDULE – A TO BID

SCHEDULE OF PRICES

Sr. No.

Page No.

- | | | |
|----|-------------------------------------|---|
| 1. | Preamble to Schedule of Prices..... | — |
| 2. | Schedule of Prices..... | — |

* (a) Summary of Bid Prices

* (b) Detailed Schedule of Prices /Bill of Quantities (BOQ)

** [To be prepared by the Engineer/Executive Engineer
Education Works Division Sanghar]*

PREAMBLE TO SCHEDULE OF PRICES

1. **General**

- 1.1 The Schedule of Prices shall be read in conjunction with the Conditions of Contract, Contract Data together with the Specifications and Drawings, if any.
- 1.2 The Contract shall be for the whole of the works as described in these Bidding Documents. Bids must be for the complete scope of works.

2. **Description**

- 2.1 The general directions and descriptions of works and materials are not necessarily repeated nor summarized in the Schedule of Prices. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the Schedule of Prices.

3. **Units & Abbreviations**

- 3.1 Units of measurement, symbols and abbreviations expressed in the Bidding Documents shall comply with the System International d'Unites (SI Units).

(Note: The abbreviations to be used in the Schedule of Prices to be defined by the Executive Engineer Education Works Division Sanghar).

4. **Rates and Prices**

- 4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Prices shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.
- 4.2 Unless otherwise stipulated in the Contract Data, the premium, rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.
- 4.3 All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.
- 4.4 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Prices, and where

no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works and no separate payment will be made for those items.

The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Any item against which no rate or price is entered by the bidder will not be paid for by the Executive Engineer Education Works Division Sanghar when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

- 4.5 (a) The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.
- *(b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.

**(Executive Engineer Education Works Division Sanghar may modify as appropriate)*

- 4.6 The Contractor shall provide for all parts of the Works to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation of the Works, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

5. Bid Prices

5.1 Break-up of Bid Prices

The various elements of Bid Prices shall be quoted as detailed by the Executive Engineer Education Works Division Sanghar in the format of Schedule of Prices.

The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.

5.2 Total Bid Price

The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

6. Provisional Sums and Day work

- 6.1 Provisional Sums included and so designated in the Schedule of Prices if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Executive Engineer Education Works Division Sanghar. The Contractor will only receive payment in respect of Provisional Sums, if he has been instructed by the Engineer/Executive Engineer Education Works Division Sanghar to utilize such sums.

- 6.2 Day work rates in the contractor's bid are to be used for small additional amounts of work and only when the Engineer have given written instructions in advance for additional work to be paid for in that way.

SCHEDULE OF PRICES – SUMMARY OF BID PRICES (Sample)

Bill No.	Description	Total Amount (Rs)
	Total Bid Price (The amount to be entered in Paragraph I of the Form of Bid) (In words).	

BILL OF QUANTITIES

SEPERATELY ATTACHED

SCHEDULE - B TO BID

*SPECIFIC WORKS DATA



WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH STANDARD PUBLIC WORK SPECIFICATION.

SCHEDULE - C TO BID

WORKS TO BE PERFORMED BY SUBCONTRACTORS*

The bidder will do the work with his own forces except the work listed below which he intends to sub-contract.

Items of Works to be Sub-Contracted	Name and address of Sub-Contractors	Statement of similar works previously executed. (attach evidence)
--	--	--

Note:

The Executive Engineer Education Works Division Sanghar should decide whether to allow subcontracting or not.

In case Procuring Agency decides to allow subcontracting then following conditions shall be complied with:

1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Executive Engineer Education Works Division Sanghar.
2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Executive Engineer Education Works Division Sanghar's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

PROPOSED PROGRAMME OF WORKS

Bidder shall provide a programme in a bar-chart or Program Evaluation and Review Technique (PERT) or Critical Path Method (CPM) showing the sequence of work items by which he proposes to complete the works of the entire Contract. The programme should indicate the sequence of work items and the period of time during which he proposes to complete the works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of works to be supplied under the Contract.

SCHEDULE – E TO BID

METHOD OF PERFORMING WORKS

The bidder is required to submit a narrative outlining the method of performing the Works. The narrative should indicate in detail and include but not be limited to:

- The sequence and methods in which he proposes to carry out the Works, including the number of shifts per day and hours per shift, he expects to work.
- A list of all major items of construction and plant erection, tools and vehicles proposed to be used in delivering/carrying out the works at site.
- The procedure for installation of equipment and transportation of equipment and materials to the site.
- Organisation chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC
PAYABLE BY CONTRACTORS
(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)**

Contract No. _____ Dated _____

Contract Value: _____

Contract Title: _____

..... [name of Contractor] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from, from Executive Engineer Education Works Division Sanghar (PA) except that which has been expressly declared pursuant hereto.

[name of Contractor] accepts full responsibility and strict liability that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from PA.

.....
[Executive Engineer Education Works Division Sanghar]

[Contractor]

CONDITIONS OF CONTRACT

TABLE OF CONTENTS

CONDITIONS OF CONTRACT

<i>Clause No</i>	<i>Description</i>	<i>Page No</i>
1.	General Provisions.....	_____
2.	The Procurement Agency	_____
3.	Engineer's/Procuring Agency's Representatives.....	_____
4.	The Contractor.....	_____
5.	Design by Contractor.....	_____
6.	Procuring Agency's Risks.....	_____
7.	Time for Completion.....	_____
8.	Taking Over.....	_____
9.	Remedying Defects.....	_____
10.	Variations and Claims.....	_____
11.	Contract Price And Payment.....	_____
12.	Default.....	_____
13.	Risks and Responsibilities.....	_____
14.	Insurance.....	_____
15.	Resolution of Disputes.....	_____
16.	Integrity Pact.....	_____

CONDITIONS OF CONTRACT

1. GENERAL PROVISIONS

1.1 Definitions

In the Contract as defined below, the words and expressions defined shall have the following meanings assigned to them, except where the context requires otherwise:

The Contract

1.1.1 -Contract¹ means the Contract Agreement and the other documents listed in the Contract Data.

1.1.2 -Specifications¹ means the document as listed in the Contract Data, including Executive Engineer Education Works Division Sanghar's requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such document.

1.1.3 -Drawings¹ means the Executive Engineer Education Works Division Sanghar's drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

Persons

1.1.4 -Executive Engineer Education Works Division Sanghar¹ means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.

1.1.5 -Contractor¹ means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Executive Engineer Education Works Division Sanghar) any assignee.

1.1.6 -Party¹ means either the Executive Engineer Education Works Division Sanghar or the Contractor.

Dates, Times and Periods

1.1.7 -Commencement Date¹ means the date fourteen (14) days after the date the Contract comes into effect or any other date named in the Contract Data.

1.1.8 -Day¹ means a calendar day

1.1.9 -Time for Completion¹ means the time for completing the Works as stated in the Contract Data (or as extended under Sub-Clause 7.3), calculated from the Commencement Date.

Money and Payments

1.1.10 -Cost¹ means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but does not include any allowance for profit

Other Definitions

- 1.1.11 -Contractor's Equipment. means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 -Country means the Islamic Republic of Pakistan.
- 1.1.13 -Executive Engineer Education Works Division Sanghar's Risks. means those matters listed in Sub-Clause 6.1.
- 1.1.14 -Force Majeure means an event or circumstance which makes performance of a Party's obligations illegal or impracticable and which is beyond that Party's reasonable control.
- 1.1.15 -Materials means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 -Plant means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 -Site means the places provided by the Executive Engineer Education Works Division Sanghar where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 -Variation means a change which is instructed by the Engineer/Executive Engineer Education Works Division Sanghar under Sub-Clause 10.1.
- 1.1.19 -Works. means any or all the works whether Supply, Installation, Construction etc. and design (if any) to be performed by the Contractor including temporary works and any variation thereof.
- 1.1.20 -Engineer means the person notified by the Executive Engineer Education Works Division Sanghar to act as Engineer for the purpose of the Contract and named as such in Contract Data.

1.2 Interpretation

Words importing persons or parties shall include firms and organisations. Words importing singular or one gender shall include plural or the other gender where the context requires.

1.3 Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the priority of the documents shall be in accordance with the order as listed in the Contract Data.

1.4 **Law**
The law of the Contract is the relevant Law of Islamic Republic of Pakistan.

1.5 **Communications**
All Communications related to the Contract shall be in English language.

1.6 **Statutory Obligations**
The Contractor shall comply with the Laws of Islamic Republic of Pakistan and shall give all notices and pay all fees and other charges in respect of the Works.

2. **THE PROCURING AGENCY**

2.1 **Provision of Site**
The Executive Engineer Education Works Division Sanghar shall provide the Site and right of access thereto at the times stated in the Contract Data.
Site Investigation Reports are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

2.2 **Permits etc.**
The Executive Engineer Education Works Division Sanghar shall, if requested by the Contractor, assist him in applying for permits, licences or approvals which are required for the Works.

2.3 **Engineer's/Executive Engineer Education Works Division Sanghar's Instructions**
The Contractor shall comply with all instructions given by the Executive Engineer Education Works Division Sanghar or the Engineer, if notified by the Executive Engineer Education Works Division Sanghar, in respect of the Works including the suspension of all or part of the works.

2.4 **Approvals**
No approval or consent or absence of comment by the Engineer/Executive Engineer Education Works Division Sanghar shall affect the Contractor's obligations.

3. **ENGINEER'S/PROCURING AGENCY'S REPRESENTATIVES**

3.1 **Authorised Person**

The Executive Engineer Education Works Division Sanghar shall appoint a duly authorized person to act for him and on his behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case the Executive Engineer Education Works Division Sanghar shall notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

3.2 Engineer's/Executive Engineer Education Works Division Sanghar's Representative

The name and address of Engineer's/Executive Engineer Education Works Division Sanghar's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Executive Engineer Education Works Division Sanghar, the delegated duties and authority before the Commencement of works.

4. THE CONTRACTOR

4.1 General Obligations

The Contractor shall carry out the works properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required

4.2 Contractor's Representative

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Executive Engineer Education Works Division Sanghar for such appointment which consent shall not be withheld without plausible reason(s) by the Executive Engineer Education Works Division Sanghar. Such authorized representative may be substituted/ replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Executive Engineer Education Works Division Sanghar as aforesaid.

4.3 Subcontracting

The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the consent of the Executive Engineer Education Works Division Sanghar.

4.4 Performance Security

The Contractor shall furnish to the Executive Engineer Education Works Division Sanghar within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Payee's order -Bank Draft or Bank Guarantee from scheduled bank for the amount and validity specified in Contract Data.

5. DESIGN BY CONTRACTOR

5.1 Contractor's Design

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer Executive Engineer Education Works Division Sanghar all designs prepared by him, within fourteen (14) days of receipt the Engineer/Executive Engineer Education Works Division Sanghar shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The Contractor shall not construct any element of the works designed by him within fourteen (14) days after the design has been submitted to the Engineer Executive

Engineer Education Works Division Sanghar or which has been rejected.
Design that has been rejected shall be promptly amended and resubmitted. The
Contractor shall resubmit all designs commented on taking these comments into
account as necessary.

Responsibility for Design

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Executive Engineer Education Works Division Sanghar shall be responsible for the Specifications and Drawings.

PROCURING AGENCY'S RISKS**The Procuring Agency's Risks**

The Procuring Agency's Risks are:

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) ionizing radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speeds;
- f) use or occupation by the Executive Engineer Education Works Division Sanghar of any part of the Works, except as may be specified in the Contract;
- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Executive Engineer Education Works Division Sanghar's personnel or by others for whom the Executive Engineer Education Works Division Sanghar is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure; and

- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Executive Engineer Education Works Division Sanghar and accepted by the Executive Engineer Education Works Division Sanghar.

7. TIME FOR COMPLETION

7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date and shall proceed expeditiously and without delay and shall complete the Works, subject to Sub-Clause 7.3 below, within the Time for Completion.

7.2 Programme

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer/Executive Engineer Education Works Division Sanghar a programme for the Works in the form stated in the Contract Data.

7.3 Extension of Time

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Procuring Agency/Engineer of any event(s) falling within the scope of Sub-Clause 6.1 or 10.3 of these Conditions of Contract and request the Executive Engineer Education Works Division Sanghar/Engineer for a reasonable extension in the time for the completion of works. Subject to the aforesaid, the Executive Engineer Education Works Division Sanghar/Engineer shall determine such reasonable extension in the time for the completion of works as may be justified in the light of the details/particulars supplied by the Contractor in connection with the such determination by the Executive Engineer Education Works Division Sanghar/Engineer within such period as may be prescribed by the Executive Engineer Education Works Division Sanghar/Engineer for the same; and the Procuring Agency may extend the time for completion as determined.

7.4 Late Completion

If the Contractor fails to complete the Works within the Time for Completion, the Contractor's only liability to the Executive Engineer Education Works Division Sanghar for such failure shall be to pay the amount as **liquidity damages** stated in the Contract Data for each day for which he fails to complete the Works.

8. TAKING-OVER

8.1 Completion

The Contractor may notify the Engineer/Executive Engineer Education Works Division Sanghar when he considers that the Works are complete.

8.2 Taking-Over Notice

Within fourteen (14) days of the receipt of the said notice of completion from the Contractor the Executive Engineer Education Works Division Sanghar/Engineer shall either takeover the completed works and issue a Certificate of Completion to that effect or shall notify the Contractor his reasons for not taking-over the works. While issuing the Certificate of Completion as aforesaid, the Executive Engineer Education Works Division Sanghar/Engineer may identify any outstanding items of work which the Contractor shall undertake during the Maintenance Period.

9. REMEDYING DEFECTS

9.1 Remedying Defects

The Contractor shall for a period stated in the Contract Data from the date of issue of the Certificate of Completion carry out, at no cost to the Executive Engineer Education Works Division Sanghar, repair and rectification work which is necessitated by the earlier execution of poor quality of work or use of below specifications material in the execution of Works and which is so identified by the Executive Engineer Education Works Division Sanghar/Engineer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligations, the Executive Engineer Education Works Division Sanghar/Engineer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

Failure to remedy any such defects or complete outstanding work within a reasonable time shall entitle the Executive Engineer Education Works Division Sanghar to carry out all necessary works at the Contractor's cost. However, the cost of remedying defects not attributable to the Contractor shall be valued as a Variation.

9.2 Uncovering and Testing

The Engineer/Executive Engineer Education Works Division Sanghar may give instruction as to the uncovering and/or testing of any work. Unless as a result of an uncovering and/or testing it is established that the Contractor's design, materials, plant or workmanship are not in accordance with the Contract, the Contractor shall be paid for such uncovering and/or testing as a Variation in accordance with Sub-Clause 10.2.

10. VARIATIONS AND CLAIMS

10.1 Right to Vary

The Executive Engineer Education Works Division Sanghar/Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Executive Engineer Education Works Division Sanghar/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Executive Engineer Education Works Division Sanghar/Engineer in writing and if the same are not refuted/denied by the Executive Engineer Education Works Division Sanghar/Engineer within ten (10) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

10.2 Valuation of Variations

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- d) at appropriate new rates, as may be agreed or which the Engineer/Executive Engineer Education Works Division Sanghar considers appropriate, or
- e) if the Engineer/Executive Engineer Education Works Division Sanghar so instructs, at day work rates set out in the Contract Data for which the Contractor shall keep records of hours of labour and Contractor's Equipment, and of Materials, used.

10.3 Changes in the Quantities.

- a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Executive Engineer Education Works Division Sanghar/Engineer shall adjust the rate to allow for the change and will be valued as per sub clause 10.2.
- b) The Engineer shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Executive Engineer Education Works Division Sanghar.
- c) If requested by the Engineer, the contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.

10.4 Early Warning

The Contractor shall notify the Engineer/Executive Engineer Education Works Division Sanghar in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Executive Engineer Education Works Division Sanghar being unable to keep all relevant records or not taking steps to minimise any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

10.5 Valuation of Claims

If the Contractor incurs Cost as a result of any of the Executive Engineer Education Works Division Sanghar's Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any

Executive Engineer Education Works Division Sanghar's Risk, it is necessary to change the Works, this shall be dealt with as a Variation subject to Contractor's notification for intention of claim to the Engineer/Executive Engineer Education Works Division Sanghar within fourteen (14) days of the occurrence of cause.

10.6 Variation and Claim Procedure

The Contractor shall submit to the Engineer/Procuring Agency an itemised detailed breakdown of the value of variations and claims within twenty eight (28) days of the instruction or of the event giving rise to the claim. The Engineer/Executive Engineer Education Works Division Sanghar shall check and if possible agree the value. In the absence of agreement, the Executive Engineer Education Works Division Sanghar shall determine the value.

11. CONTRACT PRICE AND PAYMENT

11.1 (a) Terms of Payments

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall, subject to Clause 11.3, be paid by the Executive Engineer Education Works Division Sanghar to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Executive Engineer Education Works Division Sanghar and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 11.5, within 60 days after such Final Payment Certificate has been jointly verified by Executive Engineer Education Works Division Sanghar and Contractor. Provided that the Interim Payment shall be caused in thirty (30) days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Executive Engineer Education Works Division Sanghar to make payment within 90 days then Executive Engineer Education Works Division Sanghar shall pay to the Contractor compensation at the 28 days rate of KIBOR+2% per annum in local currency and LIBOR+1% for foreign currency upon all sums unpaid from the date by which the

(b) Valuation of the Works

The Works shall be valued as provided for in the Contract Data, subject to Clause 10.

11.2 Monthly Statements

The Contractor shall be entitled to be paid at monthly intervals:

- a) the value of the Works executed less to the cumulative amount paid previously; and
- b) value of secured advance on the materials and valuation of variations (if any).

The Contractor shall submit each month to the Engineer/Executive Engineer Education Works Division Sanghar a statement showing the amounts to which he considers himself entitled.

11.3 Interim Payments

Within a period not exceeding seven (07) days from the date of submission of a statement for interim payment by the Contractor, the Engineer shall verify the same and within a period not exceeding thirty (30/60) days from the said date of submission by the Contractor, the Executive Engineer Education Works Division Sanghar shall pay to the Contractor the sum subject to adjustment for deduction of the advance payments and retention money.

11.4 Retention

Retention money shall be paid by the Executive Engineer Education Works Division Sanghar to the Contractor within fourteen (14) days after either the expiry of the period stated in the Contract Data, or the remedying of notified defects, or the completion of outstanding work, all as referred to in Sub-Clause 9.1, whichever is the later.

11.5 Final Payment

Within twenty one (21) days from the date of issuance of the Maintenance Certificate the Contractor shall submit a final account to the Engineer to verify and the Engineer shall verify the same within fourteen (14) days from the date of submission and forward the same to the Executive Engineer Education Works Division Sanghar together with any documentation reasonably required to enable the Executive Engineer Education Works Division Sanghar to ascertain the final contract value.

Within sixty (60) days from the date of receipt of the verified final account from the Engineer, the Executive Engineer Education Works Division Sanghar shall pay to the Contractor any amount due to the Contractor. While making such payment the Procuring Agency may, for reasons to be given to the Contractor in writing, withhold any part or parts of the verified amount.

11.6 Currency

Payment shall be in the currency stated in the Contract Data.

12. DEFAULT

12.1 Defaults by Contractor

If the Contractor abandons the Works, refuses or fails to comply with a valid instruction of the Engineer/Executive Engineer Education Works Division Sanghar or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Executive Engineer Education Works Division Sanghar may give notice referring to this Sub-Clause and stating the default.

If the Contractor has not taken all practicable steps to remedy the default within fourteen (14) days after receipt of the Executive Engineer Education Works Division Sanghar's notice, the Executive Engineer Education Works Division Sanghar may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site leaving behind any Contractor's Equipment which the Executive Engineer Education Works Division Sanghar instructs, in the second notice, to be used for the completion of the Works at the risk and cost of the Contractor.

Defaults by Executive Engineer Education Works Division Sanghar

If the Executive Engineer Education Works Division Sanghar fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Executive Engineer Education Works Division Sanghar's receipt of this notice, the Contractor may suspend the execution of all or parts of the Works.

If the default is not remedied within twenty eight (28) days after the Executive Engineer Education Works Division Sanghar's receipt of the Contractor's notice, the Contractor may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilise from the Site.

Insolvency

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately. The Contractor shall then demobilise from the site leaving behind, in the case of the Contractor's insolvency, any Contractor's Equipment which the Executive Engineer Education Works Division Sanghar instructs in the notice is to be used for the completion of the Works.

Payment upon Termination

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the works executed and of the Materials and Plant reasonably delivered to the site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) any sums to which the Executive Engineer Education Works Division Sanghar is entitled,
- c) if the Executive Engineer Education Works Division Sanghar has terminated under Sub-Clause 12.1 or 12.3, the Executive Engineer Education Works Division Sanghar shall be entitled to a sum equivalent to twenty percent (20%) of the value of parts of the Works not executed at the date of the termination, and
- d) if the Contractor has terminated under Sub-Clause 12.2 or 12.3, the Contractor shall be entitled to the cost of his demobilisation together with a sum equivalent to ten percent (10%) of the value of parts of the works not executed at the date of termination.

The net balance due shall be paid or repaid within twenty eight (28) days of the notice of termination.

13. RISKS AND RESPONSIBILITIES

13.1 Contractor's Care of the Works

Subject to Sub-Clause 9.1, the Contractor shall take full responsibility for the care of the Works from the Commencement Date until the date of the Executive Engineer Education Works Division Sanghar's/Engineer's issuance of Certificate of Completion under Sub-Clause 8.2. Responsibility shall then pass to the Executive Engineer Education Works Division Sanghar. If any loss or damage happens to the Works during the above period, the Contractor shall rectify such loss or damage so that the Works conform with the Contract.

Unless the loss or damage happens as a result of any of the Executive Engineer Education Works Division Sanghar's Risks, the Contractor shall indemnify the Executive Engineer Education Works Division Sanghar, or his agents against all claims loss, damage and expense arising out of the Works.

13.2 Force Majeure

If Force Majeure occurs, the Contractor shall notify the Engineer/Executive Engineer Education Works Division Sanghar immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Executive Engineer Education Works Division Sanghar demobilize the Contractor's Equipment.

If the event continues for a period of eighty four (84) days, either Party may then give notice of termination which shall take effect twenty eight (28) days after the giving of the notice.

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the Materials and Plant reasonably delivered to the Site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) the cost of his demobilization, and
- c) less any sums to which the Executive Engineer Education Works Division Sanghar is entitled.

The net balance due shall be paid or repaid within thirty five (35) days of the notice of termination.

14. INSURANCE

14.1 Arrangements

The Contractor shall, prior to commencing the Works, effect insurances of the types, in the amounts and naming as insured the persons stipulated in the Contract Data except for items (a) to (e) and (i) of the Executive Engineer Education Works Division Sanghar's Risks under Sub-Clause 6.1. The policies shall be issued by

insurers and in terms approved by the Executive Engineer Education Works Division Sanghar. The Contractor shall provide the Engineer/Executive Engineer Education Works Division Sanghar with evidence that any required policy is in force and that the premiums have been paid.

14.2 **Default**

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Procuring Agency may, without prejudice to any other right or remedy, effect insurance for the cover relevant to such as a default and pay the premiums due and recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

15. **RESOLUTION OF DISPUTES**

15.1 **Engineer's Decision**

If a dispute of any kind whatsoever arises between the Executive Engineer Education Works Division Sanghar and the Contractor in connection with the works, the matter in dispute shall, in the first place, be referred in writing to the Engineer, with a copy to the other party. Such reference shall state that it is made pursuant to this Clause. No later than the twenty eight (28) days after the day on which he received such reference, the Engineer shall give notice of his decision to the Procuring Agency (Superintending Engineer) and the Contractor.

Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the work with all due diligence, and the Contractor and the Executive Engineer Education Works Division Sanghar (Superintending Engineer) shall give effect forthwith to every such decision of the Engineer unless and until the same shall be revised, as hereinafter provided in an arbitral award.

15.2 **Notice of Dissatisfaction**

If a Party is dissatisfied with the decision of the Engineer of consultant or if no decision is given within the time set out in Sub-Clause 15.1 here above, the Party may give notice of dissatisfaction referring to this Sub-Clause within fourteen (14) days of receipt of the decision or the expiry of the time for the decision. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties. If notice of dissatisfaction is given within the specified time, the decision shall be binding on the Parties who shall give effect to it without delay unless and until the decision of the Engineer is revised by an arbitrator.

If a contractor is dissatisfied with the decision of the Engineer of the department or decision is not given in time then he can approach Superintending Engineer within 14 days, in case of dissatisfaction with decision of Superintending Engineer or not decided within 28 days, then arbitration process would be adopted as per clause 15.3.

15.3 **Arbitration**

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) and Rules made there under and any statutory modifications thereto. Any hearing shall be held at the place specified in the Contract Data and in the language referred to in Sub-Clause 1.5.

16.1 If the Contractor or any of his Sub-Contractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Schedule-F to his Bid, then the Executive Engineer Education Works Division Sanghar shall be entitled to:

- (a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Sub-Contractors, agents or servants;
- (b) terminate the Contract; and
- (c) recover from the Contractor any loss or damage to the Executive Engineer Education Works Division Sanghar as a result of such termination or of any other corrupt business practices of the Contractor or any of his Sub-Contractors, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Contractor shall demobilize from the site leaving behind Contractor's Equipment which the Executive Engineer Education Works Division Sanghar instructs, in the termination notice, to be used for the completion of the works at the risk and cost of the Contractor. Payment upon such termination shall be made under Sub-Clause 12.4, in accordance with Sub-Para (c) thereof, after having deducted the amounts due to the Executive Engineer Education Works Division Sanghar under Sub-Para (a) and (c) of this Sub-Clause.

CONTRACT DATA

(Note: Except where otherwise indicated, all Contract Data should be filled in by the Executive Engineer Education Works Division Sanghar prior to issuance of the Bidding Documents.)

Sub-Clauses of Conditions of Contract

1.1.3 Executive Engineer Education Works Division Sanghar's Drawings, if any
(To be listed by the Executive Engineer Education Works Division Sanghar)

1.1.4 The Executive Engineer Education Works Division Sanghar means

1.1.5 The Contractor means

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** _____-Months

(The time for completion of the whole of the Works should be assessed by the Executive Engineer Education Works Division Sanghar)

1.1.20 Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details

Executive Engineer, Education Works Division Sanghar

1.3 Documents forming the Contract listed in the order of priority:

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) _____
- (j) _____

(The Executive Engineer Education Works Division Sanghar may add, in order of priority, such other documents as form part of the Contract. Delete the document, if not applicable)

2.1 **Provision of Site:** On the Commencement Date

3.1 **Authorized person:** _____

3.2 **Name and address of Engineer's/Executive Engineer Education Works Division Sanghar's representative**

4.4 **Performance Security:**

Amount _____

Validity _____

(Form: As provided under Standard Forms of these Documents)

5.1 **Requirements for Contractor's design (if any):**

Specification Clause No's

7.2 **Programme:**

Time for submission: Within fourteen (14) days* of the Commencement Date.

Form of programme: _____ *(Bar Chart/CPM/PERT or other)*

7.4 Amount payable due to failure to complete shall be **1%** per day up to a maximum of (10%) of sum stated in the Letter of Acceptance

(Usually the liquidated damages are set between 0.05 percent and 0.10 percent per day.)

7.5 **Early Completion**

In case of earlier completion of the Work, the Contractor is entitled to be paid bonus up-to limit and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages stated in the contract data.

9.1 **Period for remedying defects**

(90) Days after completion.

10.2 (c) **Variation procedures:**

Day work rates _____
_____ (details)

11.1 **Terms of Payments**

a) Mobilization Advance

- (1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Executive Engineer Education Works Division Sanghar to the Contractor on the works costing Rs.2.5 million or above on following conditions:

- (i) on submission by the Contractor of a Mobilization Advance Guarantee for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan to the Executive Engineer Education Works Division Sanghar;
- (ii) Contractor will pay interest on the mobilization advance at the rate of 10% per annum on the advance; and
- (iii) This Advance including the interest shall be recovered in 5 equal installments from the five (05) R.A bills and in case the number of bills is less than five (05) then 1/5th of the advance **inclusive of the interest** thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

OR

2) Secured Advance on Materials

- (a) The Contractor shall be entitled to receive from the Executive Engineer Education Works Division Sanghar Secured Advance against an INDENTURE BOND in P.W Account Form No. 31(Fin. R. Form No. 2 acceptable to the Procuring Agency of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the Site but not yet incorporated in the Permanent Works provided that:
 - (i) The materials are in accordance with the Specifications for the Permanent Works;
 - (ii) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer but at the risk and cost of the Contractor;
 - (iii) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;
 - (iv) The Contractor shall submit with his monthly statement the estimated value of the materials on Site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and payment therefore;
 - (v) Ownership of such materials shall be deemed to vest in the Executive Engineer Education Works Division Sanghar and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Executive Engineer Education Works Division Sanghar;
 - (vi) The sum payable for such materials on Site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of stands other materials;

- (vii) Secured Advance should not be allowed unless & until the previous advance, if any, fully recovered;
 - (viii) Detailed account of advances must be kept in part II of running account bill; and
 - (ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract
- (b) Recovery of Secured Advance:
- (i) Secured Advance paid to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized); other conditions.
 - (ii) As recoveries are made the outstanding accounts of the items concerned in Part II should be reduced by making deduction entries in the column; -deduct quantity utilized in work measured since previous bill, equivalent to the quantities of materials used by the contractor on items of work shown as executed in part I of the bill.
- (c) Interim payments: The Contractor shall submit to the Engineer monthly statements of the estimated value of the work completed less the cumulative amount certified previously.
- (i) The value of work completed comprises the value of the quantities of the items in the Bill of Quantities completed.
 - (ii) value of secured advance on the materials and valuation of variations (if any).
 - (iii) Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
 - (v) Retention money and other advances are to be recovered from the bill submitted by contractor.
- 11.2 *(a) Valuation of the Works:
- i) Lump sum price _____ (details), or
 - ii) Lump sum price with schedules of rates _____ (details), or
 - iii) Lump sum price with bill of quantities _____ (details), or
 - iv) Re-measurement with estimated/bid quantities in the Schedule of Prices or on premium above or below quoted on the rates mentioned in CSR _____ (details), or/and
 - v) Cost reimbursable _____ (details)

11.3 **Percentage of retention*:** *five (5%)*

11.6 **Currency of payment:** Pak. Rupees

14.1 **Insurances:** *(Executive Engineer Education Works Division Sanghar may decide, keeping in view the nature and the scope of the work)*

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property

(The minimum amount of third party insurance should be assessed by the Executive Engineer Education Works Division Sanghar and entered).

Workers:

Other cover*:

(In each case name of insured is Contractor and Executive Engineer Education Works Division Sanghar)

14.2 **Amount to be recovered**

Premium plus _____ percent (____%).

15.3 **Arbitration****

Place of Arbitration: _____

* *(Executive Engineer Education Works Division Sanghar to specify as appropriate)*

** *(It has to be in the Province of Sindh)*

STANDARD FORMS

(Note: Standard Forms provided in this document for securities are to be issued by a bank. In case the bidder chooses to issue a bond for accompanying his bid or performance of contract or receipt of advance, the relevant format shall be tailored accordingly without changing the spirit of the Forms of securities).

FORM OF BID SECURITY

(Bank Guarantee)

Guarantee No. _____
Executed on _____

(Letter by the Guarantor to the Executive
Engineer Education Works Division Sanghar)

Name of Guarantor (Scheduled Bank in Pakistan) with
address: _____

Name of Principal (Bidder) with
address: _____

Sum of Security (express in words and
figures): _____

Bid Reference No. _____ Date of Bid _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound unto the _____, (hereinafter called The -Procuring Agency-) in the sum stated above, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid numbered and dated as above for _____ (Particulars of Bid) to the said Procuring Agency; and

WHEREAS, the Executive Engineer Education Works Division Sanghar has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Executive Engineer Education Works Division Sanghar, conditioned as under:

- (1) that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;
- (2) that in the event of:
 - (a) the Principal withdraws his Bid during the period of validity of Bid, or
 - (b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) of Instructions to Bidders, or
 - (c) failure of the successful bidder to
 - (i) furnish the required Performance Security, in accordance with Sub-Clause 1B-21.1 of Instructions to Bidders, or
 - (ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses 1B-20.2 & 20.3 of Instructions to Bidders,

the entire sum be paid immediately to the said Procuring Agency for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW WHEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Executive Engineer Education Works Division Sanghar in accordance with his Bid as accepted and furnish within fourteen (14) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Executive Engineer Education Works Division Sanghar for the faithful performance and proper fulfilment of the said Contract or in the event of non- withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Executive Engineer Education Works Division Sanghar the said sum stated above upon first written demand of the Executive Engineer Education Works Division Sanghar without cavil or argument and without requiring the Executive Engineer Education Works Division Sanghar to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Executive Engineer Education Works Division Sanghar by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Executive Engineer Education Works Division Sanghar forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed the instrument under its seal on the date indicated above, the name and seal of the Guarantor being hereto affixed and the same presents duly signed by its undersigned representative pursuant to authority of its governing body.

Guarantor (Bank)

Witness :

1. Signature _____

1. _____

2. Name _____

(Corporate Secretary (Seal))

3. Title _____

2. _____

(Name, Title & Address)

Corporate Guarantor (Seal)

FORM OF PERFORMANCE SECURITY
(Bank Guarantee)

Guarantee No. _____
Executed on _____
Expiry Date _____

(Letter by the Guarantor to the Executive Engineer

Education Works Division Sanghar) Name of

Guarantor (Scheduled Bank in Pakistan) with

address: _____

Name of Principal (Contractor) with

address: _____

Penal Sum of Security (express in words and
figures) _____

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Executive Engineer Education Works Division Sanghar) in the penal sum of the amount stated above, for the payment of which sum well and truly to be made to the said Executive Engineer Education Works Division Sanghar, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Procuring Agency's above said Letter of Acceptance for _____ (Name of Contract) for the _____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Executive Engineer Education Works Division Sanghar, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 9, Remedying Defects, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall

be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the Executive Engineer Education Works Division Sanghar without delay upon the Executive Engineer Education Works Division Sanghar's first written demand without cavil or arguments and without requiring the Executive Engineer Education Works Division Sanghar to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Executive Engineer Education Works Division Sanghar's written declaration that the Principal has refused or failed to perform the obligations under the Contract, for which payment will be effected by the Guarantor to Executive Engineer Education Works Division Sanghar's designated Bank & Account Number.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Executive Engineer Education Works Division Sanghar forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Witness:

Corporate Secretary (Seal)

(Name, Title & Address)

Guarantor (Bank)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the -AgreementI) made on the ____ day of ____ 200 ____ between ____ (hereinafter called the -Procuring AgencyII) of the one part and ____ (hereinafter called the -ContractorI) of the other part.

WHEREAS the Executive Engineer Education Works Division Sanghar is desirous that certain Works, viz
should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Executive Engineer Education Works Division Sanghar to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Executive Engineer Education Works Division Sanghar hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor
Engineer Education Works Division Sanghar

(Seal)

Signature of the Executive

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

(Name, Title and Address)

Witness:

(Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Executive
Engineer Education Works Division Sanghar)

WHEREAS the _____ (hereinafter
called the Procuring Agency) has entered into a Contract for

_____ (Particulars of Contract), with

_____ (hereinafter called the Contractor).

AND WHEREAS the Executive Engineer Education Works Division Sanghar has agreed to
advance to the Contractor, at the

Contractor's request, an amount of Rs. _____ Rupees
_____) which amount shall be advanced to the Contractor as per
provisions of the Contract.

AND WHEREAS the Executive Engineer Education Works Division Sanghar has asked
the Contractor to furnish Guarantee to secure the advance payment for the performance of
his obligations under the said Contract.

AND WHEREAS _____ (Scheduled Bank)
(hereinafter called the Guarantor) at the request of the Contractor and in consideration of the
Executive Engineer Education Works Division Sanghar agreeing to make the above
advance to the Contractor, has agreed to furnish the said Guarantee.

NOW THEREFORE the Guarantor hereby guarantees that the Contractor shall use the
advance for the purpose of above mentioned Contract and if he fails, and commits default in
fulfillment of any of his obligations for which the advance payment is made, the Guarantor
shall be liable to the Procuring Agency for payment not exceeding the aforementioned
amount.

Notice in writing of any default, of which the Executive Engineer Education Works Division
Sanghar shall be the sole and final judge, as aforesaid, on the part of the Contractor, shall be
given by the Executive Engineer Education Works Division Sanghar to the Guarantor, and
on such first written demand payment shall be made by the Guarantor of all sums then due
under this Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall come into force as soon as the advance payment has been credited to the account of the Contractor.

This Guarantee shall expire not later than _____
by which date we must have received any claims by registered letter, telegram, telex or telefax.

It is understood that you will return this Guarantee to us on expiry or after settlement of the total amount to be claimed hereunder.

Guarantor (Scheduled Bank)

Witnesses:

1. _____

Corporate Secretary (Seal)

(Name, Title & Address)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)

INDENTURE FOR SECURED ADVANCES.

(For use in cases in which is contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time).

This INDENTURE made the day of
-----197--" BETWEEN (hereinafter called "the Contractor" which expression shall where the context so admits or implied be deemed to include his heirs, executors, administrators and assigns) of the one part and THE GOVERNOR OF SINDH (hereinafter called "the Government" of the other part).

WHEREAS by an agreement, dated (hereinafter called the said agreement, the contractor has agreed to perform the under-mentioned works (hereinafter referred to as the said work):-

(Here enter (the description of the works).¹

AND WHEREAS the contractor has applied to the
— for an advance to him of Rupees
(Rs.) on the security of materials absolutely belonging to him and brought by him to the site of the said works the subject of the said agreement for use in the construction of such of the said works as he has undertaken to execute at rates fixed for the finished work (inclusive of the cost of materials and labour and other charge) AND WHEREAS the Government has agreed to advance to the Contractor the sum of Rupees, (Rs.) on the security of materials the quantities and other particulars of which are detailed in Part II of Running Account Bill (E), the said works signed by the contractor

Fin R. Form 17.A

on----- and on such covenants and conditions as are hereinafter contained and the Government has reserved to itself the option of marking any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

NOW THIS INDENTURE WTTNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees.....
(Rs.) on or before the execution of these presents paid to the Contractor by the Government (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid (all of which advances are hereinafter collectively referred to as the said amount) the Contractor doth hereby assign unto the Government the said materials by way of security for the said amount

And doth hereby covenant and agree with the Government and declare ay follow:-

(1) That the said sum of Rupees
(Rs.) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.

- (2) That the materials detailed in the said Running Account Bill (B) which have been

Fin. R. Form No. 17-A

Offered to and accepted by (he Government as security for the said amount are absolutely by the Contractors own property free from encumbrances of any kind and the Contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the contractor hereby agrees, at all times, to indemnify and save harmless the Government against all claims whatsoever to any materials in respect of which an advance has been made to him as aforesaid.

- (3) That the said materials detailed in the said Running Account Bill (B) and all other

Fin. R. Form No. 17-A

Materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in the execution of the said works in accordance with the directions of the Divisional Officer----- (hereinafter called the Divisional Officer) and in the terms of the said agreement.

(4) That the Contractor shall make at his own cost all necessary and adequate arrangement for the proper watch, safe custody and protection against all risks of the said material and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and at his own risk and on his own responsibility and shall at all times be open to inspection by (he Divisional Officer or any officer authorized by him. In the event of the said materials of any part (hereof being stolen, destroyed or damaged or becoming deteriorated in a grater degree than is due to reasonable use and wear thereof Contractor will forthwith replace the same with other materials of like qualify or repair and make good the same as required by the Divisional Officer and the materials so brought to replace the said materials so repaired and made good shall also be considered as security for the said amount.

(5) That the said materials shall not on any account be removed from the site of the said works except with the written permission of the Divisional Officer or an officer authorized by him in that behalf

(6) That the said amount shall be payable in full when or before the Contractor receives payment, from the Government of the price payable to him for the said works under the terms and provisions of the said agreement PROVIDED THAT if any intermediate payments are made to the contractor on account of work done then on the occasion of each such payment the Government will be at liberty to make a recovery from the Contractors Bill for such payment by deducting there from in the value of the said materials (hen actually used in the construction and in respect of which recovery has not been made previously the value for this purpose being determined in respect of each description of material at (he rates at which the amount of the advances made under these presents were calculated.

(7) That if the Contractor shall at any time make any default in the performance or observation in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing to the Government shall immediately on the happening of such default be repayable by the Contractor to the Government together with interest thereon at twelve

percent per annum from the date or respective dates of such advance or advances to the date of repayment and with all costs, charges, damages and expenses incurred by the Government in or for the recovery thereof or the enforcement of this security or otherwise by reason of (the default of the Contractor and any moneys so becoming due and payable shall constitute a debt due from the Contractor to the Government and the Contractor hereby covenants and agrees with the Government to repay and the same respectively to it accordingly.

(8) That the Contractor hereby charges all the said materials with the repayment to the Government of the said sum of Rupees (Rs.....) and any further sum or sums which may be advanced as aforesaid and all costs charges damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the powers contained therein if and whether the covenant for payment and repayment hereinbefore contained shall become enforceable and the money owing shall not be paid to accordingly.

Once therewith the Government may at any time thereafter adopt all or any of following courses as it may deem best :-

- (a) Seize and utilize the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such completion the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the Contractor he is to pay the same to the Government on demand.
- (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable to the Government under these presents and pay over the surplus (if any) to the Contractor.
- (c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

(9) That except as is expressly provided by the presents interest on the aid advance shall not be payable.

(10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore expressly provided for the same shall be referred to the Superintending Engineer..... Circle whose..... decision shall be final and the provisions of the Indian Arbitration Act for the time being in force so far as they are applicable shall apply to any such reference.

In witnesses whereof the* ----- on behalf of the
Governor of Sindh and the said ----- have hereunto set
their respective hands and seals the day and first above written.

Signed, sealed and delivered by* In
the presence of

Seal
1st witness 2nd witness

Signed, sealed and delivered by* In
the presence of

Seal
1st Witness 2nd witness

SPECIFICATIONS

[Note for Preparing the Specifications]

A set of precise and clear specifications is a prerequisite for bidders to respond realistically and competitively to the requirements of the user without qualifying their Bids. The specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, performance of the works. Only if this is done objectives of economy, efficiency, and fairness in procurement will be realized and responsiveness of Bids can be ensured, and the subsequent task of bid evaluation can be facilitated. The specifications should require that materials to be incorporated in the works be new, unused, and of the most recent or current models and incorporated all recent improvements in design and materials unless provided for otherwise in the contract.

Samples of specifications from similar to previous procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the works and the repetitiveness of the type of procurement, it may be advantageous to standardize the Technical Specifications that should cover all classes of workmanship, materials and equipment although not necessarily to be used in a particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized international standards should be used as much as possible. The specifications shall consider all conditions but not limited to seismic conditions, weather conditions and environmental impact. The specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Specifications.

Sample Clause: Equivalency of Standards and Codes

Whenever reference is made in the Specifications to specific standards and codes to be met by Works to be furnished and tested, the provisions of the latest current edition or revision of the relevant shall apply, unless otherwise expressly stated in the Contract. Other authoritative standards that ensure equivalence to the standards and codes specified will be acceptable.]

***DRAWINGS**

MAY BE OBTAINED FROM THE DIVISIONAL OFFICE FOR EACH WORK