



# OFFICE OF THE EXECUTIVE ENGINEER EDUCATION WORKS DIVISION SANGHAR

No. T.C/G-55/- 950 of 2018  
Sanghar dated: 21 / 02 / 2018

Read: -

This office NIT No. TC/G-55/ 946  
Dated:- 19-02-2018

## CORRIGENDUM:-

In partial modification of the NIT No. TC/G-55/ 946 dated: 19-02-2018, has already been published in various leading newspapers & also hoisted at SPPRA web site. Now the packages of works already mentioned are hereby changed and now may be read as per list attached.

S.#	Name of Scheme / School	Estimated Cost	Earnest Money (5%)	Tender Fee	Completion Period
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**Rehabilitation & Expansion of High Priority "4560" Schools (Non-ADP) Primary/ Elementary Schools District Sanghar (191-Units) 2017-18 Programme**

**1 Package-1 Taluka Sanghar**

GGPS. K.G Sanghar  
GGPS. Nizamani Para  
GBPS. Nizamani Para  
GBPS. SSSS Sanghar  
GBPS. District Jail Sanghar  
GBPS. Shahmir Panhwar Colony  
GGLSS. Molvi Khair Muhammad  
GBPS. Town- I Sanghar  
GBPS. Yousif Ji Mian.

36918  
36.828 1841400 3000 05- Months

**2 Package-2 Taluka Sanghar**

GBPS. Police Line Sanghar  
GGPS. Shahmir Panhwar Colon  
GBPS. Shahmir Khan Panhwar  
GBPS. Town-2 Sanghar  
GBPS. Housing Society Sanghar  
GGPS. Sir Syed  
GGPS. Shaheed - e-Millat  
GGPS. Allama Iqbal  
GGPS. Urdu Sanghar  
GGPS. Chak No. 40  
GBLSS. Katchery Colony  
GBPS. Madad Ali Rind.

36.349 1817450 3000 05- Months

*Pl. ensure that proper Response time is given Examine*

Contd.. P/02

*Ashfaq Morangia*  
*26/2/2018*  
*AD (A).*

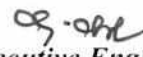
SPPRA INWARD DIARY  
NO : 3145  
DATED : 26-02-2018

S.#	Name of Scheme / School	Estimated Cost	Earnest Money (5%)	Tender Fee	Completion Period
3	<b><u>Package-3 Taluka Khipro</u></b> GBPS. Saleh Abad GBPS. Khani Rajar GBPS. Sindhi Hathungo, GBPS. Ranaho.	15.841	792050	3000	05- Months
4	<b><u>Package-4 Taluka Khipro</u></b> GBPS. Abdullah Nohri GBPS. Allah bux Mughal GBPS. Atta Muhammad Hingorjo GBPS. Urdu Town Khipro GGLSS. Khipro GGPS. Khipro-I.	23.271	1163550	3000	05- Months
5	<b><u>Package-5 Taluka Sinjhor</u></b> GBPS. Pir Shahnawaz Qureshi GGPS. Urdu SinjhorGBPS. Rais Altaf HussainGBPS. Deh 40 Jamrao.	17.136	856800	3000	05- Months
6	<b><u>Package-6 Taluka Sinjhor</u></b> GBPS. Jhol Sindhi GGPS. Abbas Abad GBPS. Urdu Jhole GBPS. Sindhi Jhole GBPS. Mureed Keerio	27.183	1359150	3000	05- Months
7	<b><u>Package-7 Taluka Sinjhor</u></b> GBPS. Deh-22 Jamarao GBPS. Deh 32 Jamrao GBPS. Ismail pur GBPS. Fazal Muhammad Duskani GGPS. Deh 39 Jamrao GBPS. Gundan.	27.074	1353700	3000	05- Months
8	<b><u>Package-8 Taluka Shahdadpur</u></b> GBPS. Mehran Town GGPS. Rehmania GBPS. Jalal Noonari GBPS. Fazkurallah Shah GBPS. Mughil Para Shahdadpur	36.791	1839550	3000	05- Months

S.#	Name of Scheme / School	Estimated Cost	Earnest Money (5%)	Tender Fee	Completion Period
9	<b><u>Package-9 Taluka Shahdadpur</u></b> GBPS. Ghulam Muhammad Leghari GBPS. Sahib Khan Nizamani GBPS. Khabar Gaho GBPS. Maldasi GBPS. Khudadad Kapri GBPS. Essa Makrani GBPS. Sher Khan Leghari.	34.623	1731150	3000	05- Months
10	<b><u>Package-10 Taluka Shahdadpur</u></b> GGPS. Bahadur Kaloi GBPS. Baqa Dahri, GGPS. Mai Suhni Nagar GBPS. Dr. Abdul Majeed GBPS. Rais Brohi GBPS. Sarhari GBPS. Khan Rind GGPS. Sindhi Shahdadpur GGLSS. Niswan Shahdadpur.	36.424	1821200	3000	05- Months
11	<b><u>Package-11 Taluka Shahdadpur</u></b> GBPS. Sindhi Shahdadpur GGPS. Qazi Amir Akhtar GBLSS. Ch. Muhammad Hanif GBPS. Shah Abdul Latif GBPS. Mazar Khan Brohi at Gulshan Town GBPS. Lakhadino Subhopoto GBPS. Ismlamia Urdu Shahdadpur	33.526	1676300	3000	05- Months
12	<b><u>Package-12 Taluka Tando Adam</u></b> GGPS. Sindhi Main Tando Adam GBPS. Sindhi Main Tando Adam GGPS. Urdu Main Tando Adam GBPS. Urdu Main Tando Adam GGLSS. Bibi Aishia.	34.608	1730400	3000	05- Months
13	<b><u>Package-13 Taluka Tando Adam</u></b> GGPS. Juman Shah GBPS. Makhdoom Nooh GGLSS. Makhdoom Nooh GBPS. Hassan Ali Afandi GGPS. Muhammadi GBPS. New Muhammadi.	38.980	1949000	3000	05- Months

S.#	Name of Scheme / School	Estimated Cost	Earnest Money (5%)	Tender Fee	Completion Period
14	<b>Package-14 Taluka Tando Adam</b> GBPS. Muhammad Lorear GBPS. Peru fakir Shoro GBPS. Qaim Makrani GBPS. Sutiari GBPS. Bago Wadadani GBPS. Duthro Sharif GBPS. Sanjar Khan Junejo GBPS. Mirza Qaleech Baig.	43.450	2172500	3000	05- Months
15	<b>Package-15 Taluka Tando Adam</b> GBPS. Mulla Mukhan GBPS. Sher Mohammad Dero GBPS. Buxo Nizamani GBPS. Subhanallah GBPS. Khuda Bux Khoso GBPS. Mitho Khoso GPS. Hyder Khan Mari.	41.809	2090450	3000	05- Months
16	<b>Package-16 Taluka Jam Nawaz Ali</b> GBPS. Nauabad GBPS. Jam Nawaz Ali GBPS. Haji Rasheed Mari	23.177	1158850	3000	05- Months
17	<b>Package-17 Taluka Jam Nawaz Ali</b> GBPS. Sindhi Berani GBPS. Urdu Berani GBPS. Sobho Khan Wassan GGPS. Berani Urdu GBPS. Rasool Bux Kaloi GBPS. Ali Muhammad Kaloi.	23.422	1171100	3000	05- Months
<b><u>Rehabilitation &amp; Expansion of High Priority "4560" Schools (Non-ADP) Secondary Schools District Sanghar (06-Units) 2017-18 Programme</u></b>					
18	<b>Package-18 Taluka Sinjhor</b> GBHS. Rukan Burira	10.147	507350	3000	05- Months
19	<b>Package- 19 Taluka Tando Adam</b> GBHS. Jamia Millia GBHS. Tayab Thahim.	19.725	986250	3000	05- Months

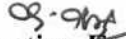

All other terms & conditions will remain un-changed.

  
Executive Engineer  
Education Works Division  
Sanghar



**Copy forwarded with compliments to:-**

1. The Secretary Government of Sindh School Education & Literacy Department Sindh Secretariat 1<sup>st</sup> Floor Karachi for favour of his kind information.
2. The Secretary Government of Sindh Information Technology, Secretariat No: 6 Karachi for placing the same website.
3. The Director Information, (Advertisement) Public Relation Department Block-96 Sindh Secretariat Building-4 Karachi along with seven more copies for wide publicity through leading newspapers (English, Urdu and Sindhi).
- ✓ 4. The Director (CB) Sindh Public Procurement Regulatory Authority SPPRA Government of Sindh Block No-8 Sindh Secretariat No: -4-A Court Road Karachi along with copy of the N.I.T for hoisting on the website.
5. The Chief Engineer Education Works Sukkur for favour of his kind information.
6. The Superintending Engineer Education Works Circle Shaheed Benazirabad for favour of his kind information.
7. The Deputy Commissioner Sanghar for kind information.
8. The Member of Procurement Committee for information.
9. The Assistant Engineer Education Works Sub-Division Sanghar / Khipro / Sinjhor / Shahdadpur / Tando Adam/ Jam Nawaz Ali & Electrical Works Sub-Division Shaheed Benazirabad Region for wide publicity.
10. Copy to Divisional Accounts Officer / Draftsman / Establishment Branch / Notice Board (Local).

  
**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.	

Rehabilitation & Expansion of High  
Priority "4560" Schools (Non-ADP)  
Primary/ Elementary Schools District  
Sanghar (191-Units) 2017-18  
Programme

**Package-1 Taluka Sanghar**

GGPS. K.G Sanghar  
GGPS. Nizamani Para  
GBPS. Nizamani Para  
GBPS. SSSS Sanghar  
GBPS. District Jail Sanghar  
GBPS. Shahmir Panhwar Colony  
GGLSS. Molvi Khair Muhammad  
GBPS. Town- I Sanghar  
GBPS. Yousif Ji Mian.

36.828 36.828

Funded under  
Prov: ADP 2017-  
18

Open Competitive  
Bidding

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**Package-2 Taluka Sanghar**

GBPS. Police Line Sanghar  
GGPS. Shahmir Panhwar Colon  
GBPS. Shahmir Khan Panhwar  
GBPS. Town-2 Sanghar  
GBPS. Housing Society Sanghar  
GGPS. Sir Syed  
GGPS. Shaheed - e-Millat  
GGPS. Allama Iqbal  
GGPS. Urdu Sanghar  
GGPS. Chak No. 40  
GBLSS. Katchery Colony  
GBPS. Madad Ali Rind.

36.349 36.349

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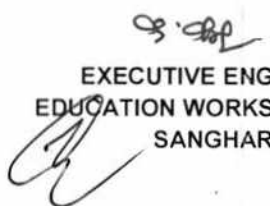
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S#	Description of Procurement	Quantity (where applicable)	Estimated Total Cost (Million)	Funds Allocated (Million)	Source of Funds ADP/Non ADP	Proposed Procurement Method	Timing of Procurement				Remarks
							1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
	<u>Rehabilitation &amp; Expansion of High Priority "4560" Schools (Non-ADP) Secondary Schools District Sanghar (06-Units) 2017-18 Programme</u>				Funded under Prov: ADP 2017- 18	Open Competitive Bidding	--	--	--	--	
	Package-18 Taluka Sinjhoru GBHS. Rukan Burira		10.147	10.147							
	Package- 19 Taluka Tando Adam GBHS. Jamia Millia GBHS. Tayab Thahim.		19.725	19.725	..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)<br>Concerned Education Works Division<br>Education & Literacy Department                    | Chairman |
| 2. | Assistant Engineer<br>Local Government Public Health Engineering Department  | Member   |
| 3. | Assistant Engineer (Education Works) of Headquarter<br>Concerned Education Works sub Division<br>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 PECHUHO -

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

Karachi, date the 28<sup>th</sup> 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) / 15

EX-2015  
EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
SANGHAR



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

## NOTIFICATION

NO.SO(1) EDU/E&A/PRO-EW(CRC)/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)<br>of concerned Education Works Circle<br>Education & Literacy Department | Chairman |
| 2. Representative of District Account Officer /<br>Accountant General, Sindh   | Member   |
| 3. Representative of Head of procuring Agency<br>(Professional from relevant field concerning)                         | Member   |

### ToRs

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

SECRETARY EDUCATION  
TO GOVT. OF SINDH  
Karachi, date the 28<sup>th</sup> May, 2015

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

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



DEPUTY SECRETARY (GA)

OR:   
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. K.G Sanghar , GGPS. Nizamani Para, GBPS. Nizamani Para, GBPS. SSSS Sanghar, GBPS. District Jail Sanghar, GBPS. Shahmir Panhwar Colony, GGLSS. Molvi Khair Muhammad, GBPS. Town- I Sanghar, GBPS. Yousif Ji Mian 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)	10481	5445	%Cft	570690
2	Removing cement palster from walls (S.I.No. 53 P-13)	21743	121	%Sft	26309
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	11792	1306.8	%Sft	154098
4	Dismantling pacca brick work in cment send moter (S.I.No.13 P.No. 10)	15851	1285.63	%Cft	203785
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)	4683	3176.25	%OCft	14874
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	3950	8694.95	%Cft	343451
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	7860	11948.36	%Cft	939141
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 coloums 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)	15049	337	P.Cft	5071513
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)	739	5001.70	Cwt	3696256
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)	18482	3630	%OCft	67090
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	17581	12674.36	%Cft	2228279
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	1778	240.50	P.Sft	427609
B"	For Door	646	228.50	P.Sft	147611
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)	1092.00	180.50	P.Sft	197106
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P- 52)	86039	2206.60	%Sft	1898537
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	86039	2197.52	%Sft	1890724
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 ( C ) P.No 52)	4682	3015.76	%Sft	141198
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)	1731	902.93	P.Sft	1562972
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)	19874	3275.50	%Sft	650973
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)	11336	4411.82	%Sft	500124

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Making Notice Board with Cement Sand ( S.I.No:2 P.No: 95)	676.00	58.11	P-Sft	39282
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	15359	12346.65	%Cft	1896322
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)	432	726.72	P.Sft	313943
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	35150	1287.44	%Sft	452535
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)	695	34520.31	%Sft	239916
25	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)	2296	14429.25	%cft	331296
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)	17662	307	P-Sft	5422234
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)	1841.00	186.04	P-Sft	342500
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	2454	28299.30	%Sft	694465
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)	1745	27747.06	%Sft	484186
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)	19470	1887.40	%Sft	367477
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)	8742.00	2567.95	%Sft	224490
32	Colour Washing (three Coats)(s.i.25p-54)	21648	1325.15	%Sft	286868
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	28689	829.95	%Sft	238104
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	54992	442.75	%Sft	243477
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	54992	1079.65	%Sft	593721
36	White Washing 2 coats (S.I.No 25-b-P.No 59)	4576	425.84	%Sft	19486
37	Colour wash 2 coats ( S.I.No 25-a P.No 54)	5035	859.9	%Sft	43296
38	Distempering 2 Coats (S.I.No 24-C-P.No 54)	18396	1043.90	%Sft	192036
39	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)	2204	674.6	%Sft	14868
40	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	4432	1160.06	%Sft	51414
41	Preparing surfacce painting Door and Windows any type i/c edges 3 Coats New Surface (S.i.No 05 (c-ii) P.No 70)	1402	2116.41	%Sft	29672

S.No.	Name of Item	Quantity	Rate	Unit	Amount
42	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)	4318	1270.83	%Sft	54874

G.Total Part A"	33308804
Carrage Cost	3350866

G.Total	36659669
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### 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)	18.00	5044.60	Each	90803
2	Providing & Fixing brass bib cock superior quality ( S.I.No: 1 P.No: 16)				
	1/2"Thick	18.00	337.92	P.No	6083
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	450.00	73.21	P.Rft	32945
	ii) 3/4" dia pipe	270.00	95.79	P.Rft	25863
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	9.00	102.95	P.No	927
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)	9	18470.00	P.Rft	166230

G.Total Part B"

Rs: 168795

G.Total Part A"

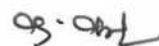
Rs: 36659669

Grand Total

Rs: 36828464

Say 36.828

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. Police Line Sanghar GGPS. Shahmir Panhwar Colon, GBPS. Shahmir Khan Panhwar , GBPS. Town-2 Sanghar , GBPS. Housing Society Sanghar, GGPS. Sir Syed, GGPS. Shaheed - e-Millat , GGPS. Allama Iqbal, GGPS. Urdu Sanghar, GGPS. Chak No. 40, GBLSS. Katchery Colony, GBPS. Madad Ali Rind 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)	70271	5445	%Cft	3826256
2	Removing cement plaster from walls (S.I.No. 53 P-13)	19565	121	%Sft	23674
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	9092	1306.8	%Sft	118814
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	12741	1285.63	%Cft	163802
5	Excavation in foundation of building bridges and other structure i/c dewatering getting refilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	4138	3176.25	%OCft	13143
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	3540	8694.95	%Cft	307801
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	6243	11948.36	%Cft	745936
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)	14049	337	P.Cft	4734513
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)	689	5001.70	Cwt	3446171
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)	16325	3630	%OCft	59260
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	11526	12674.36	%Cft	1460847
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	1558	240.50	P.Sft	374699
B"	For Door	498	228.50	P.Sft	113793
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)	9192.00	180.50	P.Sft	1659156
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	71052	2206.60	%Sft	1567833
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	71052	2197.52	%Sft	1561382
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 ( C ) P.No 52)	4382	3015.76	%Sft	132151
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)	1431	902.93	P.Sft	1292093
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)	16843	3275.50	%Sft	551692
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)	10096	4411.82	%Sft	445417

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Making Notice Board with Cement Sand ( S.I No:2 P.No: 95)	676.00	58.11	P-Sft	39282
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	12596	12346.65	%Cft	1555184
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)	432	726.72	P.Sft	313943
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	32148	1287.44	%Sft	413886
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)	495	34520.31	%Sft	170876
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)	2138	14429.25	%cft	308497
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)	16446	307	P-Sft	5048922
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)	1726.00	186.04	P-Sft	321105
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	2234	28299.30	%Sft	632206
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)	1613	27747.06	%Sft	447560
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)	17470	1887.40	%Sft	329729
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)	7624.00	2567.95	%Sft	195781
32	Colour Washing (three Coats)(s.i.25p-54)	21543	1325.15	%Sft	285477
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	26579	829.95	%Sft	220592
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	53732	442.75	%Sft	237898
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	53732	1079.65	%Sft	580118
36	White Washing 2 coats (S.I.No 25-b-P.No 59)	4426	425.84	%Sft	18848
37	Colour wash 2 coats ( S.I.No 25-a P.No 54)	4056	859.9	%Sft	34878
38	Distempering 2 Coats (S.I.No 24-C-P.No 54)	16275	1043.90	%Sft	169895
39	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)	2103	674.6	%Sft	14187
40	Preparing surface painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	4331	1160.06	%Sft	50242
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)	1401	2116.41	%Sft	29651
42	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)	4317	1270.83	%Sft	54862



S.No.	Name of Item	Quantity	Rate	Unit	Amount
G.Total Part A"					34072052
Carrage Cost					2047730
G.Total					36119783

**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)	24.00	5044.60	Each	121070
2	Providing & Fixing brass bib cock superior quality ( S.I.No: 1 P.No: 16)				
	1/2"Thick	24.00	337.92	P.No	8110
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	600.00	73.21	P.Rft	43926
	ii) 3/4" dia pipe	360.00	95.79	P.Rft	34484
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	14.00	102.95	P.No	1441
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)	12	18470.00	P.Rft	221640

G.Total Part B"

Rs: 225060

G.Total Part A"


Rs: 36119783

Grand Total

Rs: 36349348

Say 36.349

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 GBPS. Saleh Abad GBPS. Khani Rajar GBPS. Sindhi Hathungo, GBPS. Ranaho. Taluka Khipro

### **(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)	2533	5445	%Cft	137922
2	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	5212	1306.8	%Sft	68110
3	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	3753	1285.63	%Cft	48250
4	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)	8344	3176.25	%OCft	26503
5	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	4654	8694.95	%Cft	404663
6	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	4420	11948.36	%Cft	528118
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 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)	8226	337	P.Cft	2772162
8	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)	440	5001.70	Cwt	2200748
9	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)	8700	3630	%OCft	31581
10	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	796	240.50	P.Sft	191438
( b )	For Door	208	228.50	P.Sft	47528
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	5098	12674.36	%Cft	646139
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	Erection 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)	20833	2206.60	%Sft	459701
20	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	20833	2197.52	%Sft	457809
21	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 ( C ) P.No 52)	898	3015.76	%Sft	27082
22	Cement Concrete palin including placing compacting finishing and curring complete including screeding and washing of stone aggregate without shuttering ratio 1:3:6 ( S.I.No 5-h-P.No 16) .	977	12595	%Sft	123053

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 ).	7515	307	P.Sft	2307105
24	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)	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)	375	28299.30	%Sft	106122
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)	250	27747.06	%Sft	69368
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)	3556	1887.40	%Sft	67116
32	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	7350	12346.65	%Cft	907479
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)	120	726.72	P.Sft	87206
34	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	4510	1287.44	%Sft	58064
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)	512	34520.31	%Sft	176744
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)	3520.00	2567.95	%Sft	90392
37	White Washing 2 coats (S.I.No 26-b-P.No 54)	1040	425.84	%Sft	4429
38	White Washing 3 coats (S.I.No 26-C-P.No 54)	4618	829.95	%Sft	38327
39	Primary coat of chalk under distemper (S.I.No. 23 P-54)	15026	442.75	%Sft	66528
40	Distemping 3 Coats (S.I.No 24-a-P.No 54)	15026	1079.65	%Sft	162228
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)	1539	2116.41	%Sft	32572
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"	13617395
Carrage Cost	2148825

G.Total	15766219
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S.No.	Name of Item	Quantity	Rate	Unit	Amount
<b>PART (B)" WATER SUPPLY &amp; SANITARY FITTING</b>					
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 C-b"

Rs: 75020

G.Total Part C-a"


Rs: 15766219

Grand Total

Rs: 15841239

Say 15.841

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 GBPS. Abdullah Nohri , GBPS. Allah Bux Mughal, GBPS. Atta Muhammad Hingorjo, GBPS. Urdu Town Khipro, GGLSS. Khipro, GGPS. Khipro-I Taluka Khipro.

### **(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)	4556	5445	%Cft	248074
2	Removing cement palster from walls (S.I.No. 53 P-13)	8469	121	%Sft	10247
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	6546	1306.8	%Sft	85543
4	Dismantling pacca brick work in cement sand moter (S.I.No.13 P.No. 10)	9405	1285.63	%Cft	120914
5	Excavation in foundation of building bridges and other sturture i/c degtelling gretting reilling around structure with excavated earth watering and ramming lead upto 5' feet ordinary soil (S.I.No. 18 (b) P-4)	7161	3176.25	%OCft	22745
6	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	5270	8694.95	%Cft	458224
7	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	4906	11948.36	%Cft	586187
8	R.C.C work i/c all labour and material except the cost of steel reinforcement for c.c and its labcur 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)	11073	337	P.Cft	3731601
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)	593.00	5001.70	Cwt	2966008
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)	19990	3630	%OCft	72564
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	12986	12674.36	%Cft	1645892
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	1232	240.50	P.Sft	296296
( b )	For Door	430	228.50	P.Sft	98255
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)	46449	2206.60	%Sft	1024944
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	46449	2197.52	%Sft	1020726
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 ( C ) P.No 52)	1569	3015.76	%Sft	47317
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)	1171	1273	P.Sft	1490683
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)	11789	3275.50	%Sft	386149
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)	4089	4411.82	%Sft	180399

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Cement Concrete plain 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) .	1606	12595	%Sft	202276
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 ).	12354	307	P.Sft	3792678
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)	876	186.04	P.Sft	162971
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)	1602	34520.31	%Sft	553015
24	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	9510	1287.44	%Sft	122436
25	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	470	28299.30	%Sft	133007
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)	280	27747.06	%Sft	77692
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)	3662	1887.40	%Sft	69117
28	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	2685	12346.65	%Cft	331508
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)	144	726.72	P.Sft	104648
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)	3620.00	2567.95	%Sft	92960
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)	6040	829.95	%Sft	50129
33	Primary coat of chalk under distemper (S.I.No. 23 P-54)	10098	442.75	%Sft	44709
34	Distempering 3 Coats (S.I.No 24-b-P.No 54)	15689	1079.65	%Sft	169386
35	White Washing 2 coats (S.I.No 26-b-P.No 54)	992	425.84	%Sft	4224
36	Colour wash 3 coats ( S.I.No 25-b P.No 54)	11934	859.9	%Sft	102620
37	Preparing surfacce painting Door and Windows any type i/c edges OLD Surface (S.i.No 05(c-i) P.No 70)	370	1160.06	%Sft	4292
38	preparing surface and painting guard bars gates, iron bars, grating, railling (i/c standard braces etc.) and similar open work. (OLD Surface) ( S.I.No: 04 (d-i) - P.No: 49)	445	674.6	%Sft	3002
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)	971	2116.41	%Sft	20550

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)	490	1270.83	%Sft	6227

G.Total Part A"	20605160
Carrage Cost	2552979

G.Total	23158140
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### 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)	12.00	5044.60	Each	60535
2	Providing & Fixing brass bib cock superior quality ( S.I.No: 1 P.No: 16)				
	1/2"Thick	12.00	337.92	P.No	4055
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	300.00	73.21	P.Rft	21963
	ii) 3/4" dia pipe	180.00	95.79	P.Rft	17242
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	6.00	102.95	P.No	618
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)	6	18470.00	P.Rft	110820

G.Total Part B"

Rs: 112530

G.Total Part A"

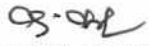
Rs: 23158140

Grand Total

Rs: 23270670

Say 23.271

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 GBPS. Pir Shah Nawaz Qureshi , GGPS. Urdu Sinjhor, GBPS. Rais Altaf Hussain, GBPS. Deh 40 Jamrao 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)	124	5445	%Cft	6752
2	Removing cement plaster from walls (S.I.No. 53 P-13)	318	121	%Sft	385
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	1668	1306.8	%Sft	21797
4	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)	12906	3176.25	%OCft	40993
5	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	4118	8694.95	%Cft	358058
6	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	12690	11948.36	%Cft	1516247
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 separately (a) RC work in roof slabs beams columns rafters, 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)	8864	337	P.Cft	2987168
8	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)	435	5001.70	Cwt	2175740
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)	20936	3630	%OCft	75998
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)	3604	1512.30	%OCft	5450
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 & 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	572	240.50	P.Sft	137566
(b)	For Door	312	228.50	P.Sft	71292
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)	430.00	180.50	P.Sft	77615
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	28156	2206.60	%Sft	621290
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	28156	2197.52	%Sft	618734
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 (C) P.No 52)	594	3015.76	%Sft	17914
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)	708	902.93	P.Sft	639274
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)	15972	3275.50	%Sft	523163
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)	2284	4411.82	%Sft	100766
20	Making Notice Board with Cement Sand (S.I.No:2 P.No: 95)	320.00	58.11	P-Sft	18595



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)	2700	12346.65	%Cft	333360
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)	5943	1287.44	%Sft	76513
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)	276	34520.31	%Sft	95276
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)	1516	14429.25	%cft	218747
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)	11661	307	P-Sft	3579927
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)	448.00	186.04	P-Sft	83346
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	780	28299.30	%Sft	220735
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)	260	27747.06	%Sft	72142
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)	7032	1887.40	%Sft	132722
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)	5384.00	2567.95	%Sft	138258
32	Colour Washing (three Coats)(s.i.25p-54)	3250	1325.15	%Sft	43067
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	9350	829.95	%Sft	77600
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	19532	442.75	%Sft	86478
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	19532	1079.65	%Sft	210877
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)	1298	2116.41	%Sft	27471
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)	876	1270.83	%Sft	11132

G.Total Part A"	16142056
Carrage Cost	918483
G.Total	17060539

#### 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
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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	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 white zinc 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 motor 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: 75020

G.Total Part A"

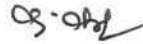
Rs: 17060539

Grand Total

Rs: 17135559

Say 17.136

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-6 GBPS. Jhol Sindhi , GGPS. Abbas Abad  
GBPS. Urdu Jhole, GBPS. Sindhi Jhole, GBPS. Mureed Keerio Taluka Sinjhor

### **(A- CIVIL WORK )**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
1	Dismantling RCC work in slab l/c sepraty(S.I.No. 20 P.No.10)	548	5445	%Cft	29839
2	Removing cement plaster from walls (S.I.No. 53 P-13)	836	121	%Sft	1012
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	2668	1306.8	%Sft	34865
4	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)	13996	3176.25	%OCft	44455
5	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	5152	8694.95	%Cft	447964
6	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	13598	11948.36	%Cft	1624738
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 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)	13847	337	P.Cft	4666439
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)	747	5001.70	Cwt	3736270
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)	23932	3630	%OCft	86873
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)	4837	1512.30	%OCft	7315
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	6616	12674.36	%Cft	838536
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	972	240.50	P.Sft	233766
( b )	For Door	632	228.50	P.Sft	144412
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)	730.00	180.50	P.Sft	131765
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P- 52)	45178	2206.60	%Sft	996898
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	45178	2197.52	%Sft	992796
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 ( C ) P.No 52)	1534	3015.76	%Sft	46262
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)	908	902.93	P.Sft	819860
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)	23103	3275.50	%Sft	756739
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)	4809	4411.82	%Sft	212164
20	Making Notice Board with Cement Sand ( S.I No:2 P.No: 95)	430.00	58.11	P-Sft	24987



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)	6748	12346.65	%Cft	833152
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)	240	726.72	P.Sft	174413
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	6958	1287.44	%Sft	89580
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)	776	34520.31	%Sft	267878
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)	1916	14429.25	%cft	276464
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)	14738	307	P-Sft	4524566
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)	943.00	186.04	P-Sft	175436
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	1180	28299.30	%Sft	333932
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)	660	27747.06	%Sft	183131
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)	11645	1887.40	%Sft	219788
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)	9384.00	2567.95	%Sft	240976
32	Colour Washing (three Coats)(s.i.25p-54)	11645	1325.15	%Sft	154314
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	15350	829.95	%Sft	127397
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	45178	442.75	%Sft	200026
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	45178	1079.65	%Sft	487764
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)	1308	2116.41	%Sft	27683
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)	948	1270.83	%Sft	12047

G.Total Part A" **24206500**

Carrage Cost **2882994**

G.Total **27089494**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
<b>PART (B)" WATER SUPPLY &amp; SANITARY FITTING</b>					
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)	10.00	5044.60	Each	50446
2	Providing & Fixing brass bib cock superior quality ( S.I.No: 1 P.No: 16)				
	1/2"Thick	10.00	337.92	P.No	3379
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	250.00	73.21	P.Rft	18303
	ii) 3/4" dia pipe	150.00	95.79	P.Rft	14369
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	5.00	102.95	P.No	515
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)	5	18470.00	P.Rft	92350

G.Total Part B"

Rs: 93775

G.Total Part A"

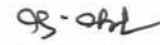
Rs: 27089494

Grand Total

Rs: 27183269

Say 27.183

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. Deh-22 Jamarao, GBPS. Deh 32 Jamrao, GBPS. Ismail pur, GBPS. Fazal Muhammad Duskani, GGPS. Deh 39 Jamrao, GBPS. Gundan 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)	548	5445	%Cft	29839
2	Removing cement palster from walls (S.I.No. 53 P-13)	836	121	%Sft	1012
3	Dismantling C.C Plain (1:2:4) (S.I.No 19-C-P.No 10)	2668	1306.8	%Sft	34865
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)	13896	3176.25	%OCft	44137
5	Cement concrete brick work or stone ballast 1:5:10 (S.I.No: 4 p-15)	5128	8694.95	%Cft	445877
6	Pacca Brick work in foundation to plinth cement sand ratio (1:6) (S.I.No 4 (e) P.20)	13478	11948.36	%Cft	1610400
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 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)	13647	337	P.Cft	4599039
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)	731	5001.70	Cwt	3656243
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)	22832	3630	%OCft	82880
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)	4626	1512.30	%OCft	6996
11	Pacca Brick Work in ground floor with cement sand mortar ratio (1:6) (S.I.No 5 (e) Page No: 21)	6515	12674.36	%Cft	825735
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	827	240.50	P.Sft	198894
( b )	For Door	523	228.50	P.Sft	119506
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)	603.00	180.50	P.Sft	108842
14	Cement plaster 1/2" thick upto height ratio 1:6 (S.I.No. 13-b- P-52)	42175	2206.60	%Sft	930634
15	Cement plaster 3/8" thick ratio 1:4 (S.I.No: 11 (a) P.No: 52)	42175	2197.52	%Sft	926804
16	Cement Plaster 3/4" thick upto 20' height ratio 1:4 (S.I.No: 11 ( C ) P.No 52)	1453	3015.76	%Sft	43819
17	First Class deodar wood rought joinery in door and windows etc fixied in position l/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)	809	902.93	P.Sft	730470
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)	22301	3275.50	%Sft	730469
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)	3709	4411.82	%Sft	163634

S.No.	Name of Item	Quantity	Rate	Unit	Amount
20	Making Notice Board with Cement Sand ( S.I No:2 P.No: 95)	430.00	58.11	P-Sft	24987
21	Pacca Brick work in other than building (1:6) (S.I.No 7-e-P.No 21)	5784	12346.65	%Cft	714130
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)	240	726.72	P.Sft	174413
23	Cement pointing strick joints and walls (1:2) (S.I.No 19 (A) P.No 58)	5895	1287.44	%Sft	75895
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)	677	34520.31	%Sft	233702
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)	1906	14429.25	%cft	275022
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)	14662	307	P-Sft	4501234
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)	943.00	186.04	P-Sft	175436
28	White glazing tiles 1/4" thick dado (S.I.No 37 P.No 45)	1090	28299.30	%Sft	308462
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)	630	27747.06	%Sft	174806
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)	10645	1887.40	%Sft	200914
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)	9274.00	2567.95	%Sft	238152
32	Colour Washing (three Coats)(s.i.25p-54)	10645	1325.15	%Sft	141062
33	White Washing 3 coats (S.I.No 26-C-P.No 54)	14350	829.95	%Sft	119098
34	Primary coat of chalk under distemper (S.I.No. 23 P-54)	43178	442.75	%Sft	191171
35	Distempering 3 Coats (S.I.No 24-C-P.No 54)	43178	1079.65	%Sft	466171
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)	1208	2116.41	%Sft	25566
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)	945	1270.83	%Sft	12009

G.Total Part A" **23342324**

Carrage Cost **3720766**

G.Total **27063090**

S.No.	Name of Item	Quantity	Rate	Unit	Amount
<b>PART (B)" WATER SUPPLY &amp; SANITARY FITTING</b>					
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)	12.00	5044.60	Each	60535
2	Providing & Fixing brass bib cock superior quality ( S.I.No: 1 P.No: 16)				
	1/2"Thick	12.00	337.92	P.No	4055
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	300.00	73.21	P.Rft	21963
	ii) 3/4" dia pipe	180.00	95.79	P.Rft	17242
4	Providing and Fixing handle valves (Chaina) (S.I.No 5 P.No 17)				
	1/2" dia	6.00	102.95	P.No	618
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)	6	18470.00	P.Rft	110820

G.Total Part B"

Rs: 11253

G.Total Part A"


Rs: 27063090

Grand Total

Rs: 27074343

Say 27.074

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. Mehran Town, GGPS. Rehmania GBPS. Jalal Noonari, GBPS. Fazkurallah Shah, GBPS. Mughil Para 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)	2235	1306.80	%Cft	29207
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	3350	5445	%Cft	182408
3	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	2026	1285.63	%Cft	26047
4	Removing cement plaster from walls(s.i.no53-p13)	5060	121	%Cft	6123
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	1320	378.13	%Cft	4991
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	80.90	126.04	pcwt	10197
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	4635	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	25	142.18	pno	3555
9	Removing window & sky light (s.i.no-33p-12)	30	102.85	pno	3086
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)	9850	3176.25	%0Cft	31286
11	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10(s.i.no5-p-5)	11300	8694.95	%Cft	982529
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	24910	11948.36	%Cft	2976336
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)	20850	3630.00	%0Cft	75686
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)	10050	1512.30	%0Cft	15199
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)	17810	337	Cft	6001970
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)	222.32	5001.70	Cwt	1111978
	MS Bars	307.00	4820.20	Cwt	1479801
17	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	23250	12674.36	%Cft	2946789



S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacc Brick Work in Other than Building 1:6 ratio(s.i.no-7p-25)	9700	12346.65	%Cft	1197625
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)	1525	228.90	Rft	349073
20	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)	2760.00	240.50	Rft	663780
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)	1800.00	180.50	Sft	324900
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)	720.00	726.72	P-Sft	523238
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	33200	2206.6	%Sft	732591
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	33200	2197.52	%Sft	729577
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	3425.00	3015.76	%Sft	103290
27	Making notice board with cement sand(s.i.no-1p-100)	1825.00	58.11	psft	106051
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)	5330.00	4411.82	%Sft	235150
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)	3320	3275.50	%Sft	108747
30	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)	2850.00	19.36	Rft	55176
31	Cement pointing struck joint on walls 1,2,.ratio(s.i.no19p-58)	1520	1287.44	%Sft	19569
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)	4065.00	902.93	Sft	3670410
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)	3940	14429.25	%cft	568512

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)	9200	307	P-Sft	2824400
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)	2250.00	186.04	P-Sft	418590
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)	820	34520.31	%Sft	283067
37	S/false ceiling of plaster of pairs in panells i/c making frame work of deodar wood i/s panelling with soliga paint (s.i.no-52-p72)	1020.00	25293.42	%sft	257993
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)	6.00	1507.66	psft	9046
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)	12.00	1647.69	psft	19772
40	Extra labour for lifting of steel above first floor for every addition floor (s.i.no-20-p-23)	0.00	760.03	%Sft	0
41	Extra labour in brick work for every 5ft addition height (s.i.no-8-p-23)	0.00	438.3	%Sft	0
42	Extra labour for each story above ground for moaisc conglomerate or tiles/stone and wooden floor (s.i.no-18-p-42)	0.00	226.28	%Sft	0
43	Extra labour rate for laying concrete plain or reifr: (s.i.no-12-p-18)	0.00	1210	%Cft	0
44	Extra labour for lime mud or cement plaster and pointing from 12ft to above to addition 10ft height (s.i.no-29-p-64)	0.00	140.97	%Sft	0
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)	825	27678.86	%Sft	228351
46	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)	1520.00	28299.30	%Sft	430149
47	White Washing (Three Coats)(s.i.no-25p-59)	18350	829.95	%Sft	152296
48	Priming coat of chalk under distempering (s.i.no-23.p58	30200	442.75	%Sft	133711
49	Distempering (Three coats)(s.i.no-24p-54)	30200	1079.65	%Sft	326054
50	Colour Washing (three Coats)(s.i.25p-54)	15200	1325.15	%Sft	201423
51	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	3720.00	2116.41	%Sft	78730



S.No.	Name of Item	Quantity	Rate	Unit	Amount
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)	3120	1270.83	%Sft	39650
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 then painting with weather coat of approved makes(s.i.no38-p-55)	2010.00	2567.95	%Sft	51616
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)	19535.00	1887.40	%Sft	368704
56	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	0	2117.50	%ocft	0
57	Leveling earth 6"layers and dressing complete(s.i.no 13p-3)	0	263.00	%ocft	0
			<b>Total</b>		<b>31102074</b>
<b>PART B" WATER SUPPLY &amp; SANITARY FITTING</b>					
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)	10.00	5044.60	Each	50446
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	350.00	73.21	P/Rft	25624
	ii). 3/4" dia pipe	4000.00	95.79	P/Rft	383160
	ii) 1"	90.00	128.55	P/Rft	11570
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 posiuion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	60.00	146.57	P/Rft	8794
	ii). 6" dia pipe	66.00	199.30	P/Rft	13154
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16)	18.00	337.92	Each	6083
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	18.00	348.92	Each	6281
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)	5.00	4253.90	Each	21270
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	5.00	938.47	Each	4692
8	S/F swan type pillar cock of suP:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	5.00	795.30	Each	3977
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	5.00	1082.95	Each	5415

S.No.	Name of Item	Quantity	Rate	Unit	Amount
10	P/F 15x12" beveled edge mirror of belguim glass comp:with 1/8"thick hard borad cp.scre to wooden plate(s.i.no. 4p-7)	5.00	2047.76	Each	10239
11	S/F soap try ware with c.p. scrow comp:(s.i.no.4p-8)	5.00	497.20	Each	2486
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"( 11p-18)	5.00	478.28	Each	2391
13	Providing and fixing handle valve (china)(s.i.no5p-17)				
	i). 1/2" dia	5.00	102.95	Each	515
	ii). 3/4" dia	5.00	271.92	Each	1360
	ii). 1" dia	5.00	365.42	Each	1827
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)	400.00	160.00	Each	64000
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary socket etc comp:(F/pipe` (s.i.no9p-43)(PHD)	50.00	166.35	Each	8318
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	5.00	18470.00	Each	92350
17	P/F in position nylon connection comp:with 1/2"brass stop cock with pair of brass nuts and lining joints to nylon connection (s.i.no 1-p-8)	20.00	447.15	Each	8943
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 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/cutting back filling & disposal of earth etc comp:(s.i.no2p-20)	5.00	5912.22	Each	29561
20	Construction of main hole or inspection chamber for required diameter of circular 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/cutting back filling & 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"**

**Rs 770810**

**Total Part -A**

**Rs 31102074**

**Total carriage of Material:**

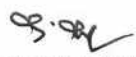
**Rs 4918116**

**G:Total**

**Rs 36791000**

**Say 36,791**

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-9 GBPS. Ghulam Muhammad Leghari, GBPS. Sahib Khan Nizamani, GBPS. Khabar Gaho, GBPS. Maldasi , GBPS. Khudadad Kapri , GBPS. Essa Makrani , 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)	2604	1306.80	%Cft	34029
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	5060	5445	%Cft	275517
3	Dismantling pacca brck work or lime cement mortor (s.i.no-13p-10)	5110	1285.63	%Cft	65696
4	Removing cement plaster from walls(s.i.no53-p13)	11208	121	%Cft	13562
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)	3110	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	14	142.18	pno	1991
9	Removing windwo & sky light (s.i.no-33p-12)	15	102.85	pno	1543
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)	22500	3176.25	%0Cft	71466
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	9100	8694.95	%Cft	791240
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	11210	11948.36	%Cft	1339411
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)	30100	3630.00	%0Cft	109263
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)	3050	1512.30	%0Cft	4613
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)	19110	337	Cft	6440070
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)	953.00	5001.70	Cwt	4766620
	MS Bars	178.00	4820.20	Cwt	857996

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)	29110	12674.36	%Cft	3689506
18	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	7053	12346.65	%Cft	870809
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)	2435	228.90	Rft	557372
20	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)	2510.00	240.50	Rft	603655
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)	1705.00	180.50	Sft	307753
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)	231.00	231.60	Sft	53500
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)	240.00	726.72	P-Sft	174413
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	29110	2206.6	%Sft	642341
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	29110	2197.52	%Sft	639698
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	3910.00	3015.76	%Sft	117916
27	Making notice board with cement sand(s.i.no-1p-100)	310.00	58.11	psft	18014
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)	5130.00	4411.82	%Sft	226326
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)	4120	3275.50	%Sft	134951
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)	3100.00	19.36	Rft	60016
31	Cement pointing struck joint on walls 1,2,,ratio(s.i.no19p-58)	19120	1287.44	%Sft	246159
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)	4105.00	902.93	Sft	3706528

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)	3610	14429.25	%cft	520896
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)	3500	307	P-Sft	1074500
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)	2500.00	186.04	P-Sft	465100
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)	488	34520.31	%Sft	168459
37	S/false ceiling of plaster of pairs in panells i/c making frame work of deodar wood i/s panelling with soliga paint (s.i.no-52-p72)	125.00	25293.42	%sft	31617
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)	7.00	1507.66	psft	10554
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)	14.00	1647.69	psft	23068
40	Extra labour for lifting of steel above first floor for every addition floor (s.i.no-20-p-23)	0.00	760.03	%Sft	0
41	Extra labour in brick work for every 5ft addition height (s.i.no-8-p-23)	0.00	438.3	%Sft	0
42	Extra labour for each story above ground for moaisc conglomerate or tiles/stone and wooden floor (s.i.no-18-p-42)	0.00	226.28	%Sft	0
43	Extra labour rate for laying concrete plain or reifr: (s.i.no-12-p-18)	0.00	1210	%Cft	0
44	Extra labour for lime mud or cement plaster and pointing from 12ft to above to addition 10ft height (s.i.no-29-p-64)	0.00	140.97	%Sft	0
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)	700	27678.86	%Sft	193752
46	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)	485.00	28299.30	%Sft	137252
47	White Washing (Three Coats)(s.i.no-25p-59)	29100	829.95	%Sft	241515
48	Priming coat of chalk under distempering (s.i.no-23.p58)	15120	442.75	%Sft	66944
49	Distempering (Three coats)(s.i.no-24p-54)	15120	1079.65	%Sft	163243
50	Colour Washing (three Coats)(s.i.25p-54)	15100	1325.15	%Sft	200098



S.No.	Name of Item	Quantity	Rate	Unit	Amount
51	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	1520.00	2116.41	%Sft	32169
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)	1830	1270.83	%Sft	23256
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 then painting with weather coat of approved makes(s.i.no38-p-55)	2059.00	2567.95	%Sft	52874
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)	13210.00	1887.40	%Sft	249326
56	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	2215	2117.50	%ocft	46903
57	Leveling earth 6"layers and dressing complete(s.i.no-13p-3)	2215	263.00	%ocft	5825
			<b>Total</b>		<b>30542747</b>
<b>PART B" WATER SUPPLY &amp; SANITARY FITTING</b>					
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)	14.00	5044.60	Each	70624
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	250.00	73.21	P/Rft	18303
	ii). 3/4" dia pipe	350.00	95.79	P/Rft	33527
	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	84.00	146.57	P/Rft	12312
	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)	40.00	337.92	Each	13517
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	40.00	348.92	Each	13957



S.No.	Name of Item	Quantity	Rate	Unit	Amount
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)	7.00	4253.90	Each	29777
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	7.00	938.47	Each	6569
8	S/F swan type pillar cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	7.00	795.30	Each	5567
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	7.00	1082.95	Each	7581
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	7.00	2047.76	Each	14334
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	7.00	497.20	Each	3480
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"( 11p-18)	7.00	478.28	Each	3348
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	7.00	102.95	Each	721
	ii). 3/4" dia	7.00	271.92	Each	1903
	ii). 1" dia	7.00	365.42	Each	2558
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)	270.00	160.00	Each	43200
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)	70.00	166.35	Each	11645
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	7.00	18470.00	Each	129290
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)	7.00	447.15	Each	3130
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)	7.00	1671.53	Each	11701
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)	6.00	5912.22	Each	35473

S.No.	Name of Item	Quantity	Rate	Unit	Amount
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 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 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 509288

Total Part -A Rs 30542747

Total carriage of Material: Rs 3570965.00

G:Total Rs 34623000

Say 34.623

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 @ Package-10 GGPS. Bahadur Kaloi, GBPS. Baqa Dahri, GGPS. Mai Suhni Nagar, GBPS. Dr. Abdul Majeed , GBPS. Rais Brohi , GBPS. Sarhari , GBPS. Khan Rind ,GGPS. Sindhi Shahdadpur , 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)	2902	1306.80	%Cft	37923
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	4090	5445	%Cft	222701
3	Dismantling pacca bricik work or lime cement mortor (s.i.no-13p-10)	5109	1285.63	%Cft	65683
4	Removing cement plaster from walls(s.i.no53-p13)	11201	121	%Cft	13553
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	937	378.13	%Cft	3543
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	50.50	126.04	pcwt	6365
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	3210	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	20	142.18	pno	2844
9	Removing windwo & sky light (s.i.no-33p-12)	30	102.85	pno	3086
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)	23500	3176.25	%0Cft	74642
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	11210	8694.95	%Cft	974704
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	12105	11948.36	%Cft	1446349
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)	29510	3630.00	%0Cft	107121
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)	2551	1512.30	%0Cft	3858
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)	16110	337	Cft	5429070

S.No.	Name of Item	Quantity	Rate	Unit	Amount
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)	863.00	5001.70	Cwt	4316467
	MS Bars	143.00	4820.20	Cwt	689289
17	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	29050	12674.36	%Cft	3681902
18	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	7050	12346.65	%Cft	870439
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)	2510	228.90	Rft	574539
20	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)	2020.00	240.50	Rft	485810
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)	1701.00	180.50	Sft	307031
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)	436.00	231.60	Sft	100978
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)	335.00	726.72	P-Sft	243451
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57)	30210	2206.6	%Sft	666614
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	30210	2197.52	%Sft	663871
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	4020.00	3015.76	%Sft	121234
27	Making notice board with cement sand(si.no-1p-100)	4020.00	58.11	psft	233602
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)	50130.00	4411.82	%Sft	2211645
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)	4210	3275.50	%Sft	137899

S.No.	Name of Item	Quantity	Rate	Unit	Amount
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)	3210.00	19.36	Rft	62146
31	Cement pointing struck joint on walls 1,2, ratio(s.i.no19p-58)	20211	1287.44	%Sft	260204
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)	4210.00	902.93	Sft	3801335
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)	3708	14429.25	%cft	535037
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)	4102	307	P-Sft	1259314
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)	2901.00	186.04	P-Sft	539702
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)	390	34520.31	%Sft	134629
37	S/false ceilling of plaster of pairs in panells i/c making frame work of deodar wood i/s panelling with soliga paint (s.i.no-52-p72)	120.00	25293.42	%sft	30352
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)	6.00	1507.66	psft	9046
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)	12.00	1647.69	psft	19772
40	Extra labour for lifting of steel above first floor for every addition floor (s.i.no-20-p-23)	0.00	760.03	%Sft	0
41	Extra labour in brick work for every 5ft addition height (s.i.no-8-p-23)	0.00	438.3	%Sft	0
42	Extra labour for each story above ground for moaisc conglomerate or tiles/stone and wooden floor (s.i.no-18-p-42)	0.00	226.28	%Sft	0

S.No.	Name of Item	Quantity	Rate	Unit	Amount
43	Extra labour rate for laying concrete plain or reinf: (s.i.no-12-p-18)	0.00	1210	%Cft	0
44	Extra labour for lime mud or cement plaster and pointing from 12ft to above to addition 10ft height (s.i.no-29-p-64)	0.00	140.97	%Sft	0
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)	760	27678.86	%Sft	210359
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)	490.00	28299.30	%Sft	138667
47	White Washing (Three Coats)(s.i.no-25p-59)	31210	829.95	%Sft	259027
48	Priming coat of chalk under distempering (s.i.no-23.p58)	17510	442.75	%Sft	77526
49	Distempering (Three coats)(s.i.no-24p-54)	17510	1079.65	%Sft	189047
50	Colour Washing (three Coats)(s.i.25p-54)	18500	1325.15	%Sft	245153
51	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	1410.00	2116.41	%Sft	29841
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)	1920	1270.83	%Sft	24400
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)	2150.00	2567.95	%Sft	55211
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)	15310.00	1887.40	%Sft	288961
56	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	2310	2117.50	%ocft	48914
57	Leveling earth 6"layers and dressing complete(s.i.no-13p-3)	2310	263.00	%ocft	6075
			<b>Total</b>		<b>31924576</b>

#### 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)	14.00	5044.60	Each	70624
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	250.00	73.21	P/Rft	18303
	ii). 3/4" dia pipe	350.00	95.79	P/Rft	33527
	ii) 1"	100.00	128.55	P/Rft	12855



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 posiuion etc comp:(s.i.no2p-23)				
	i). 4" dia pipe	84.00	146.57	P/Rft	12312
	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)	40.00	337.92	Each	13517
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	40.00	348.92	Each	13957
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)	7.00	4253.90	Each	29777
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	7.00	938.47	Each	6569
8	S/F swan type piller cock of suP;quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	7.00	795.30	Each	5567
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7)	7.00	1082.95	Each	7581
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	7.00	2047.76	Each	14334
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8)	7.00	497.20	Each	3480
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"( 11p-18)	7.00	478.28	Each	3348
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	7.00	102.95	Each	721
	ii). 3/4" dia	7.00	271.92	Each	1903
	ii). 1" dia	7.00	365.42	Each	2558
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)	270.00	160.00	Each	43200
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)	70.00	166.35	Each	11645
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	7.00	18470.00	Each	129290
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)	7.00	447.15	Each	3130
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)	7.00	1671.53	Each	11701
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)	6.00	5912.22	Each	35473

S.No.	Name of Item	Quantity	Rate	Unit	Amount
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 outlet pipe etc comp(250) gallon (s.i.no.3-p-21)	0.00	25935.00	Each	0

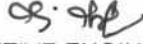
**G.Total Part B"** **Rs** **509288**

**Total Part -A** **Rs** **31924576**

**Total carriage of Material:** **Rs** **3990000**

**G:Total** **Rs** **36423864**  
**Say** **36.424**

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-I1 GBPS. Sindhi Shahdadpur GGPS. Qazi Amir Akhtar , GBLSS. Ch. Muhammad Hanif , GBPS. Shah Abdul Latif , GBPS. Mazar Khan Brohi at Gulshan Town , GBPS. Lakhadino Subhopoto , GBPS. Ismlamia Urdu 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)	2902	1306.80	%Cft	37923
2	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	4090	5445	%Cft	222701
3	Dismantling pacca brck work or lime cement mortor (s.i.no-13p-10)	5109	1285.63	%Cft	65683
4	Removing cement plaster from walls(s.i.no53-p13)	11201	121	%Cft	13553
5	Dismantling 2nd class tiles roofing (s.i.no-22p-11)	937	378.13	%Cft	3543
6	Dismantling rolled steel beam iron rails (s.i.no-42p-13)	50.50	126.04	pcwt	6365
7	Scraping ordinary distemper of bend or paint on wall (s.i.no54-p-13)	3210	226.88	%Cft	3648
8	Removing door with chwoks(s.i.no33-p12)	20	142.18	pno	2844
9	Removing windwo & sky light (s.i.no-33p-12)	30	102.85	pno	3086
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)	23500	3176.25	%0Cft	74642
11	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(s.i.no5-p-5)	11510	8694.95	%Cft	1000789
12	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no4p-24)	10350	11948.36	%Cft	1236655
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)	19210	3630.00	%0Cft	69732
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)	2551	1512.30	%0Cft	3858
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)	13410	337	Cft	4519170
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)	598.00	5001.70	Cwt	2991017
	MS Bars	143.00	4820.20	Cwt	689289
17	Pacca brick work in ground floor in cement sand mortar 1:6.(s.i.no5p-21)	29050	12674.36	%Cft	3681902

S.No.	Name of Item	Quantity	Rate	Unit	Amount
18	Pacc Brick Work in Other than Building 1.6 ratio(s.i.no-7p-25)	7050	12346.65	%Cft	870439
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)	2010	228.90	Rft	460089
20	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	1720.00	240.50	Rft	413660
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)	1520.00	180.50	Sft	274360
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)	436.00	231.60	Sft	100978
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)	430.00	726.72	P-Sft	312490
24	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)(s.i.no-13p-57	25510	2206.6	%Sft	562904
25	Cement plaster 1:4 upto 20' Ft height (3/8" thick)(s.i.no-13p-57)	25510	2197.52	%Sft	560587
26	Cement plaster 1:4 upto 20' Ft. height (3/4" thick)(s.i.no 13-p-57)	4020.00	3015.76	%Sft	121234
27	Making notice board with cement sand(si.no-1p-100)	4020.00	58.11	psft	233602
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)	18100.00	4411.82	%Sft	798539
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)	18210	3275.50	%Sft	596469
30	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)	3210.00	19.36	Rft	62146
31	Cement pointing struck joint on walls 1:2, ratio(s..i.no19p-58)	20211	1287.44	%Sft	260204
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)	5079.00	902.93	Sft	4585981

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)	5020	14429.25	%cft	724348
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 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)	5040	307	P-Sft	1547280
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 mortar i/c the jointing the tiles and washing the the tiles with white cement slurry finishing & polshing comp(s.i.no-68p-48)	4120.00	186.04	P-Sft	766485
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)	430	34520.31	%Sft	148437
37	S/false ceilling of plaster of pairs in panells i/c making frame work of deodar wood i/s panelling with soliga paint (s.i.no-52-p72)	290.00	25293.42	%sft	73351
38	S/F in postionaluminum channeels for door of alok 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)	6.00	1507.66	psft	9046
39	S/F in postionaluminum channeels for windwo of alok 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)	12.00	1647.69	psft	19772
40	Extra labour for lifting of steel above first floor for every addition floor (s.i.no-20-p-23)	0.00	760.03	%Sft	0
41	Extra labour in brick work for every 5ft addition height (s.i.no-8-p-23)	0.00	438.3	%Sft	0
42	Extra labour for each story above ground for moaisc conglomerate or tiles/stone and wooden floor (s.i.no-18-p-42)	0.00	226.28	%Sft	0
43	Extra labour rate for laying concrete plain or reifr: (s.i.no-12-p-18)	0.00	1210	%Cft	0
44	Extra labour for lime mud or cement plaster and pointing from 12ft to above to addition 10ft height (s.i.no-29-p-64)	0.00	140.97	%Sft	0
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)	760	27678.86	%Sft	210359
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)	490.00	28299.30	%Sft	138667
47	White Washing (Three Coats)(s.i.no-25p-59)	31300	829.95	%Sft	259774
48	Priming coat of chalk under distempering (s.i.no-23.p58)	18540	442.75	%Sft	82086
49	Distempering (Three coats)(s.i.no-24p-54)	18540	1079.65	%Sft	200167
50	Colour Washing (three Coats)(s.i.25p-54)	18500	1325.15	%Sft	245153



S.No.	Name of Item	Quantity	Rate	Unit	Amount
51	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE)(s.i.no-5p-76)	1410.00	2116.41	%Sft	29841
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)	1920	1270.83	%Sft	24400
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 then painting with weather coat of approved makes(s.i.no38-p-55)	22350.00	2567.95	%Sft	573937
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)	15310.00	1887.40	%Sft	288961
56	Barrwopit excavation undressed lead upto 100ft(s.i.no-3p-1)	20120	2117.50	%ocft	426041
57	Leveling earth 6"layers and dressing complete(s.i.no-13p-3)	20120	263.00	%ocft	52916
			<b>Total</b>		<b>30661101</b>

**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)	12.00	5044.60	Each	60535
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	250.00	73.21	P/Rft	18303
	ii). 3/4" dia pipe	350.00	95.79	P/Rft	33527
	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	84.00	146.57	P/Rft	12312
	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)	40.00	337.92	Each	13517
5	Supplying and fixing in position long bib cocks with c.p head 3/4"	40.00	348.92	Each	13957
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)	7.00	4253.90	Each	29777
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	7.00	938.47	Each	6569
8	S/F swan type pillar cock of suP:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	7.00	795.30	Each	5567



S.No.	Name of Item	Quantity	Rate	Unit	Amount
9	P/F town rails comp with brackets fixing on wooden cleasts scrow 24"long(s.i.no 1p-7)	7.00	1082.95	Each	7581
10	P/F 15x12" beveled edge mirror of belguim glass comp:with 1/8"thick hard board cp.scre to wooden plate(s.i.no. 4p-7)	7.00	2047.76	Each	14334
11	S/F soap try ware with c.p. scrow comp:(s.i.no. 4p-8)	7.00	497.20	Each	3480
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"( 11p-18)	7.00	478.28	Each	3348
13	Providing and fixing handle valve (china)(s.i.no5p-17)				
	i). 1/2" dia	7.00	102.95	Each	721
	ii). 3/4" dia	7.00	271.92	Each	1903
	ii). 1" dia	7.00	365.42	Each	2558
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)	250.00	160.00	Each	40000
15	s/l pvc stainer B-class of aproved design quality and make i/c necessary socket etc comp:(F/pipe' (s.i.no9p-43)(PHD)	70.00	166.35	Each	11645
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA)	6.00	18470.00	Each	110820
17	P/F in position nylon connection comp:with 1/2"brass stop cock with pair of brass nuts and lining joints to nylon connection (s.i.no 1-p-8)	7.00	447.15	Each	3130
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)	7.00	1671.53	Each	11701
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 curreing back filling & disposal of earth etc comp:(s.i.no2p-20)	6.00	5912.22	Each	35473

**G.Total Part B"** **Rs** **477528**


**Total Part -A** **Rs** **30661101**

**Total carriage of Material:** **Rs** **2387371**

**G:Total** **Rs** **33526000**

**Say** **33.526**

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-12 GGPS. Sindhi Main Tando Adam, GBPS. Sindhi Main Tando Adam, GGPS. Urdu Main Tando Adam, GBPS. Urdu Main Tando Adam, GGLSS. Bibi Aishia 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)	20229	5,445.00	%Cft	1,101,469
2	Dismantling C.C Plain 1:2:4.	15310	3,327.50	%Cft	509,440
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	20211	1,306.60	%Cft	264,077
4	Removing cement or lime plaster.	15378	121.00	%Sft	18,607
5	Removing doors with Chowkates.(S.No. (b)/P.13)	62	142.18	Each	8,815
6	Removing Window with Chowkates.(S.No. (b)/P.13)	122	102.85	Each	12,548
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	%0Cft	797
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	0	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	2816	8,694.95	%Cft	244,850
10	Pacca brick work in foundation and plinth in cement sand mortar.	2661	11,948.36	%Cft	317,946
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	21528	337.00	P.Cft	7,254,936
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	1053.89	5,001.70	P.Cwt	5,271,242
	Mild Bar	0	4,820.20	P.Cwt	-
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	0	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'	2492	3,630.00	%0Cft	9,046
15	Pacca brick work in ground floor in cement sand mortar 1:6.	16266	12,674.36	%Cft	2,061,611
16	Pacca brick work in other than building cement sand mortar 1:6.	5428	12,346.65	%Cft	670,176
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.	694	228.90	P.Rft	158,857
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.	2194	240.50	P.Rft	527,657

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.	1092	180.50	P.Sft	197,106
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).	2490	902.93	P.Sft	2,248,296
21	Applying floating coat of cement 1/32" thick.	0	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	102917	2,206.60	%Sft	2,270,967
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	102917	2,197.52	%Sft	2,261,622
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	0	3,015.76	%Sft	-
24	Cement pointing struck joints on walls ratio 1:2	3313	1,287.44	%Sft	42,653
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)	0	19.36	P.Sft	-
26	Making a Notice Board made with cement	1512	58.11	P.Sft	87,862
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone aggregate ratio 1:2:4	133	14,429.25	%Cft	19,191
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)	937	307.00	P.Sft	287,659
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: 68-p-48)	0	186.04	P.Sft	-
30	Providing and laying 3" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels.	25701	4,411.82	%Sft	1,133,882
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels.	41000	3,275.50	%Sft	1,342,955
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)	170	27,678.86	%Sft	47,054
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.)	334	28,253.61	%Sft	94,367
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	17338	1,887.40	%Sft	327,237
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.	180	726.72	P.Sft	130,810
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....	1012	47,651.56	%Sft	482,234
37	White Washing (Three Coats)	34896	829.95	%Sft	289,619
38	Priming coat of chalk under distemper.	79860	442.75	%Sft	353,580
39	Distemping (Three coats)	79860	1,079.65	%Sft	862,208
40	Distemping (Two coats)	35805	1,043.90	%Sft	373,768
41	Colour Washing (Three coats)	0	1,303.17	%Sft	-
42	Colour Washing (Two coats)	25050	859.90	%Sft	215,405
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)	0	6,319.50	%Sft	-

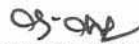
S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	12810	2,567.95	%Sft	328,954
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	5471	2,116.42	%Sft	115,789
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	3228	1,270.83	%Sft	41,022
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	502	977.40	%Sft	4,907
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	3262	674.60	%Sft	22,005
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	0	43.26	P.Sft	-
<b>Grand Total :</b>					<b>32,013,226</b>

**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	5	5,486.80	Each	27,434
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	76	146.57	P.Rft	11,139
b	6" dia	0	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	0			
a	1/2" dia pipe	108	73.21	P/Rft	7,907
b	3/4" dia pipe	23	95.79	P/Rft	2,203
4	P/F Canceled stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	14	889.46	Each	12,452
5	P/F Canceled long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	14	1,109.46	Each	15,532
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).	7	447.15	Each	3,130
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	76.95	P.Rft	770
b	Boring pipe	50	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).	4	5,115.00	P.Rft	20,460
<b>Total Part B</b>					<b>102,975</b>
<b>COST OF CARRIAGE:</b>					<b>2,492,173</b>
<b>Part-A TOTAL :</b>					<b>32,013,226</b>
<b>G.Total</b>					<b>34,608,374</b>

Say **34.608**

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 GGPS. Juman Shah , GBPS.Makhdoom Nooh, GGLSS. Makhdoom Nooh, GBPS. Hassan Ali Afandi, GGPS. Muhammadi, GBPS. New Muhammadi 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. I.2.4 (S.I.No:20/ P.No.11)	5707	5,445.00	%Cft	310,746
2	Dismantling C.C Plain 1:2:4.	9535	3,327.50	%Cft	317,277
3	Dismantling pacca brick work or lime cement mortar.(S.I.No13/P.11)	12573	1,306.60	%Cft	164,279
4	Removing cement or lime plaster.	14218	121.00	%Sft	17,204
5	Removing doors with Chowkates.(S.No. (b)/P.13)	48	142.18	Each	6,825
6	Removing Window with Chowkates.(S.No. (b)/P.13)	80	102.85	Each	8,228
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)	13793	3,176.25	%0Cft	43,810
8	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:4:8	2920	9,416.28	%Cft	274,955
9	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10	8663	8,694.95	%Cft	753,244
10	Pacca brick work in foundation and plinth in cement sand mortar.	16949	11,948.36	%Cft	2,025,128
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	16221	337.00	P.Cft	5,466,477
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).	0			
	Tor Bar	800.49	5,001.70	P.Cwt	4,003,811
	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'	9182	1,512.50	%0Cft	13,888
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	22021	3,630.00	%0Cft	79,936
15	Pacca brick work in ground floor in cement sand mortar 1:6.	27230	12,674.36	%Cft	3,451,228
16	Pacca brick work in other than building cement sand mortar 1:6.	951	12,346.65	%Cft	117,417
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.	956	228.90	P.Rft	218,828
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.	3283	240.50	P.Rft	789,562



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).	1675	180.50	P.Sft	302,338
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).	3432	902.93	P.Sft	3,098,856
21	Applying floating coat of cement 1/32" thick.	12244	660.00	%Sft	80,810
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	95192	2,206.60	%Sft	2,100,507
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	95192	2,197.52	%Sft	2,091,863
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	408	3,015.76	%Sft	12,304
24	Cement pointing struck joints on walls ratio 1:2	5399	1,287.44	%Sft	69,509
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)	582	19.36	P.Sft	11,268
26	Making a Notice Board made with cement	1528	58.11	P.Sft	88,792
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone aggregate ratio 1:2:4	1386	14,429.25	%Cft	199,989
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)	9148	307.00	P.Sft	2,808,436
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.o.68-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.	25613	4,411.82	%Sft	1,129,999
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	39105	3,275.50	%Sft	1,280,884
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)	190	27,678.86	%Sft	52,590
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.)	298	28,253.61	%Sft	84,196
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	32787	1,887.40	%Sft	618,822
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.	320	726.72	P.Sft	232,550
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....	1055	47,651.56	%Sft	502,724
37	White Washing (Three Coats)	40651	829.95	%Sft	337,383
38	Priming coat of chalk under distemper.	83662	442.75	%Sft	370,414
39	Distemping (Three coats)	83662	1,079.65	%Sft	903,257
40	Distemping (Two coats)	7344	1,043.90	%Sft	76,664
41	Colour Washing (Three coats)	2192	1,303.17	%Sft	28,565
42	Colour Washing (Two coats)	16498	859.90	%Sft	141,866
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)	6706	6,319.50	%Sft	423,786

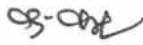


S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	10003	2,567.95	%Sft	256,872
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	5266	2,116.42	%Sft	111,451
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	2386	1,270.83	%Sft	30,322
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	568	977.40	%Sft	5,552
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	712	674.60	%Sft	4,803
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	24	43.26	P.Sft	1,038
<b>Grand Total :</b>					<b>35,779,985</b>

<b>PART- B : W/S &amp; S/F</b>					
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	10	5,486.80	Each	54,868
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	102	146.57	P.Rft	14,950
b	6" dia	48	199.25	P.Rft	9,564
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	0			
a	1/2" dia pipe	225	73.21	P/Rft	16,472
b	3/4" dia pipe	80	95.79	P/Rft	7,663
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	32	889.46	Each	28,463
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	32	1,109.46	Each	35,503
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).	16	447.15	Each	7,154
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	40	76.95	P.Rft	3,078
b	Boring pipe	160	38.95	P.Rft	6,232
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).	8	5,115.00	P.Rft	40,920
<b>Total Part-B</b>					<b>224,867</b>
<b>COST OF CARRIAGE:</b>					<b>2,975,032</b>
<b>Part-A TOTAL :</b>					<b>35,779,985</b>
<b>G.Total</b>					<b>38,979,884</b>

Say **38.980**

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. Muhammad Lorear, GBPS. Peru fakir Shoro, GBPS. Qaim Makrani, GBPS. Sutiari , GBPS. Bago Wadadani , GBPS. Duthro Sharif , GBPS. Sanjar Khan Junejo ,GBPS. Mirza Qaleech Baig 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)	9817	5,445.00	%Cft	534,536
2	Dismantling C.C Plain 1:2:4.	10675	3,327.50	%Cft	355,211
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	18397	1,306.60	%Cft	240,375
4	Removing cement or lime plaster.	26504	121.00	%Sft	32,070
5	Removing doors with Chowkates.(S.No. (b)/P.13)	41	142.18	Each	5,829
6	Removing Window with Chowkates.(S.No. (b)/P.13)	61	102.85	Each	6,274
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)	11702	3,176.25	%0Cft	37,168
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	0	9,416.28	%Cft	-
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	13199	8,694.95	%Cft	1,147,646
10	Pacca brick work in foundation and plinth in cement sand mortar.	15960	11,948.36	%Cft	1,906,958
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	18096	337.00	P.Cft	6,098,352
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).	0			
	Tor Bar	1372.01	5,001.70	P.Cwt	6,862,382
	Mild Bar	33.39	4,820.20	P.Cwt	160,946
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	7597	1,512.50	%0Cft	11,490
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	16335	3,630.00	%0Cft	59,296
15	Pacca brick work in ground floor in cement sand mortar 1:6.	25064	12,674.36	%Cft	3,176,702
16	Pacca brick work in other than building cement sand mortar 1:6.	6131	12,346.65	%Cft	756,973
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 reparing the jambs. The cost also i/c all carriag tools and plants used in making and fixing.	783	228.90	P.Rft	179,229
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.	2107	240.50	P.Rft	506,734

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).	1426	180.50	P.Sft	257,393
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).	2558	902.93	P.Sft	2,309,695
21	Applying floating coat of cement 1/32" thick.	22452	660.00	%Sft	148,183
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	110990	2,206.60	%Sft	2,449,105
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	110990	2,197.52	%Sft	2,439,027
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	741	3,015.76	%Sft	22,347
24	Cement pointing struck joints on walls ratio 1:2	8800	1,287.44	%Sft	113,295
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)	1482	19.36	P.Sft	28,692
26	Making a Notice Board made with cement	1928	58.11	P.Sft	112,036
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone aggregate ratio 1:2:4	1319	14,429.25	%Cft	190,322
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)	7823	307.00	P.Sft	2,401,661
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.o.68-p-48)	813	186.04	P.Sft	151,251
30	Providing and laying 3" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	24443	4,411.82	%Sft	1,078,381
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	40240	3,275.50	%Sft	1,318,061
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)	252	27,678.86	%Sft	69,751
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.)	540	28,253.61	%Sft	152,569
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1 Cft %Sft	23552	1,887.40	%Sft	444,520
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.	348	726.72	P.Sft	252,899
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....	1184	47,651.56	%Sft	564,194
37	White Washing (Three Coats)	40063	829.95	%Sft	332,503
38	Priming coat of chalk under distemper.	113204	442.75	%Sft	501,211
39	Distemping (Three coats)	114430	1,079.65	%Sft	1,235,443
40	Distemping (Two coats)	35805	1,043.90	%Sft	373,768
41	Colour Washing (Three coats)	5596	1,303.17	%Sft	72,925
42	Colour Washing (Two coats)	61565	859.90	%Sft	529,397
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)	0	6,319.50	%Sft	-

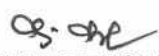
S.No.	Name of Item	Quantity	Rate	Unit	Amount
44	Preparing the surface and painting with weather coat including rubbing surface with rubbing brick/ sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (S.I.No: 38/P-55)	1323	2,567.95	%Sft	33,974
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	12221	2,116.42	%Sft	258,648
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	4313	1,270.83	%Sft	54,811
47	Preparing surface panting Guard bars gates iron bars, grating railing etc complete New surface(S.I.No.06/P.76).	788	977.40	%Sft	7,702
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	846	674.60	%Sft	5,707
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (S.No: 93/P-108)	360	43.26	P.Sft	15,574
<b>Grand Total :</b>					<b>40,023,216</b>

**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	12	5,486.80	Each	65,842
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	150	146.57	P.Rft	21,986
b	6" dia	40	199.25	P.Rft	7,970
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	225	73.21	P/Rft	16,472
b	3/4" dia pipe	95	95.79	P/Rft	9,100
5	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	24	889.46	Each	21,347
6	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	24	1,109.46	Each	26,627
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).	16	447.15	Each	7,154
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	30	76.95	P.Rft	2,309
b	Boring pipe	150	38.95	P.Rft	5,843
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).	8	5,115.00	P.Rft	40,920
<b>Total Part-B</b>					<b>225,570</b>
<b>COST OF CARRIAGE:</b>					<b>3,200,749</b>
<b>Part-A TOTAL :</b>					<b>40,023,216</b>
<b>G.Total</b>					<b>43,449,535</b>

**Say 43.450**

**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. Mulla Mukhan , GBPS. Sher, Mohammad Dero, GBPS. Buxo Nizamani, GBPS. Subhanallah, GBPS. Khuda Bux Khoso, GBPS. Mitho Khoso, 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)	13272	5,445.00	%Cft	722,660
2	Dismentling C.C Plain 1:2:4.	6883	3,327.50	%Cft	229,032
3	Dismateling pacca brick work or lime cement mortor.(S.I.No13/P.11)	21590	1,306.60	%Cft	282,095
4	Removing cement or lime plaster.	7234	121.00	%Sft	8,753
5	Removing doors with Chowkates.(S.No. (b)/P.13)	52	142.18	Each	7,393
6	Removing Window with Chowkates.(S.No. (b)/P.13)	93	102.85	Each	9,565
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)	13769	3,176.25	%0Cft	43,734
8	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8	2920	9,416.28	%Cft	274,955
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10	8501	8,694.95	%Cft	739,158
10	Pacca brick work in foundation and plinth in cement sand mortar.	14735	11,948.36	%Cft	1,760,591
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	20411	337.00	P.Cft	6,878,507
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).	0			
	Tor Bar	969.55	5,001.70	P.Cwt	4,849,398
	Mild Bar	13.77	4,820.20	P.Cwt	66,374
13	Filling watering ramming earth excavated from foundation lead upto one chain and lift upto 5'	9130	1,512.50	%0Cft	13,809
14	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5'	21611	3,630.00	%0Cft	78,448
15	Pacca brick work in ground floor in cement sand mortar 1:6.	28079	12,674.36	%Cft	3,558,834
16	Pacca brick work in other than building cement sand mortar 1:6.	5917	12,346.65	%Cft	730,551
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.	823	228.90	P.Rft	188,385
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.	2147	240.50	P.Rft	516,354



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.	1291	180.50	P.Sft	233,026
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).	2500	902.93	P.Sft	2,257,325
21	Applying floating coat of cement 1/32" thick.	1215	660.00	%Sft	8,019
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	118268	2,206.60	%Sft	2,609,702
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	118268	2,197.52	%Sft	2,598,963
24	Cement plaster 1:4 upto 20' Ft height (3/4" thick)	1465	3,015.76	%Sft	44,181
24	Cement pointing struck joints on walls ratio 1:2	5599	1,287.44	%Sft	72,084
25	Extra labour rate for making cement plaster patts /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)	328	19.36	P.Sft	6,350
26	Making a Notice Board made with cement	1280	58.11	P.Sft	74,381
27	Cement concrete plain i/c placing compacting finishing & curring comp (i/c screening & washing of stone aggregate ratio 1:2:4	1812	14,429.25	%Cft	261,458
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)	11097	307.00	P.Sft	3,406,779
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: 68-p-48)	126	186.04	P.Sft	23,441
30	Providing and laying 3" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	11969	4,411.82	%Sft	528,051
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.	43250	3,275.50	%Sft	1,416,654
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)	650	27,678.86	%Sft	179,913
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.)	267	28,253.61	%Sft	75,437
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1 Cft %Sft	20003	1,887.40	%Sft	377,537
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.	408	726.72	P.Sft	296,502
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....	1175	47,651.56	%Sft	559,906
37	White Washing (Three Coats)	28099	829.95	%Sft	233,208
38	Priming coat of chalk under distemper.	92612	442.75	%Sft	410,040
39	Distemping (Three coats)	92612	1,079.65	%Sft	999,885
40	Distemping (Two coats)	2695	1,043.90	%Sft	28,133
41	Colour Washing (Three coats)	0	1,303.17	%Sft	-
42	Colour Washing (Two coats)	46008	859.90	%Sft	395,623
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)	3974	6,319.50	%Sft	251,137




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)	3952	2,567.95	%Sft	101,485
45	Preparing surface panting Doors and windows any type i/c edges 3 coats.New surface.(S.I.No.06/P.76).	5244	2,116.42	%Sft	110,985
46	Preparing surface panting Doors and windows any type i/c edges 3 coats.old surface.(S.I.No.06/P.76).	0	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).	482	977.40	%Sft	4,711
48	Preparing surface panting Guard bars gates iron bars, grating railing etc complete Old surface(S.I.No.06/P.76).	709	674.60	%Sft	4,783
49	Providing and placing in position chip Board 3/4" thick for filling space between expansion joints of building. (SINo: 93/P-108)	24	43.26	P.Sft	1,038
<b>Grand Total :</b>					<b>38,529,333</b>

<b>PART- B : W/S &amp; S/F</b>					
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	11	5,486.80	Each	60,355
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	122	146.57	P.Rft	17,882
b	6" dia	12	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	0			
a	1/2" dia pipe	224	73.21	P/Rft	16,399
b	3/4" dia pipe	94	95.79	P/Rft	9,004
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	24	889.46	Each	21,347
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	24	1,109.46	Each	26,627
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).	12	447.15	Each	5,366
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	30	76.95	P.Rft	2,309
b	Boring pipe	170	38.95	P.Rft	6,622
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).	7	5,115.00	P.Rft	35,805
<b>Total Part-B</b>					<b>204,107</b>
<b>COST OF CARRIAGE:</b>					<b>3,075,195</b>
<b>Part-A TOTAL :</b>					<b>38,529,333</b>
<b>G.Total</b>					<b>41,808,635</b>

Say **41.809**

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. Nauabad, GBPS. Jam Nawaz Ali, GBPS. Haji Rasheed Mari 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) *	2562	3327.50	%Cft	85251
2	Dismantling C.C. Plain 1.3. 6 ratio(s.i.no-19p-10)	123	1306.80	%Cft	1607
3	Dismantling cement concrete reinf.sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	4171	5445.00	%Cft	227111
4	Dismantling pacca brck work or lime cement mortar (s.i.no-13p-10)	8998	1285.63	%Cft	115681
5	Removing cement plaster from walls(s.i.no53-p13)	12473	121	%Cft	15092
6	Removing door with chwoks(s.i.no33-p12)	13	142.18	pno	1848
7	Removing windwo & sky light (s.i.no-33p-12)	18	102.85	pno	1851
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)	7170	3176.25	%0Cft	22774
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10(S.i.no-5 p-5)	5237	8694.95	%Cft	455355
10	Pacca brick work in foundation and plinth in cement sand mortar.(s.i.no-4 p-24)	9918	11948.36	%Cft	1185038
11	Filling watering ramming earth under floor surplus earth excavated from foundation lead upto one chain and lift upto 5ft(S.i.no-21 p-4 )	4563	1512.50	%0Cft	6902
12	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5ft( S.i.no-22-p-4 )	10442	3630.00	%0Cft	37904
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.no-6-p-15)	10350	337.00	Cft	3487950
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-7-p-20)	503.40	5001.70	Cwt	2517856
15	Mild Steel.	21.31	4820.20	Cwt	102718
16	Pacca brick work in ground floor in cement sand mortar 1:6 ratio (S.i.no-5-p-21	11501	12674.36	%Cft	1457678
17	Pacc Brick Work in Other than Building 1.6 ratio(S.i.no-07-p-25 )	4673	12346.65	%Cft	576959
18	Cement plaster 1:6 upto 20' Ft. height (1/2" thick) ( s.i.no-13 p-57	53396	2206.60	%Sft	1178236
19	Cement plaster 1:4 upto 20' Ft height (3/8" thick) ( s.i.no-13 p-57	53396	2197.52	%Sft	1173388
20	Cement plaster 1:4 upto 20' Ft. height (3/4" thick) ( s.i.no-13 p-57	1106	3015.76	%Sft	33354
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. ( S.i.no-35-p-61)	1728	19.36	Rft	33454
22	Cement pointing struck joints on walls. 1.2.4ratio(s.i.no. 19-p-58 )	10306	1287.44	%Sft	132684
23	Making notice Board with Cement Sand (S.i.no-1-p-100)	816	58.11	P-Sft	47418
24	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick) ( S.i.no-16-p-47 )	5347	4411.82	%Sft	235900
25	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick) ( S.i.no-16-p-47 )	21782	3275.50	%Sft	713469
26	Cement comcnrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreete.H.ratio 1.3.6 ( S.i.no-5-p-15-)	1114	12595.00	%cft	140308


S.No.	Name of Item	Quantity	Rate	Unit	Amount
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.no-2 -p-42)	202	27678.86	%Sft	55911
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.no-37-p-44)	575	28299.30	%Sft	162721
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)	6708	307.00	P.sft	2059356
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.-p-68-p-48)	737	186.04	P.Sft	137111
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. ( S.i.no-28-p-92	372	228.90	Rft	85151
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. ( s.i.no-29-p-92	1035	240.50	Rft	248918
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. ( S.i.no-26-p-92	1379	180.50	Sft	248910
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 92	204	726.72	P-Sft	148251
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)	320	231.60	Sft	74112
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). (S.i.no-7-p-57)	1087	902.93	Sft	981485
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)	1063	34520.31	%Sft	366951
38	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft (S.i.no-13-p-35-)	20049	1887.40	%Sft	378405
39	White Washing (Three Coats) ( S.i.no-25-p-59)	20705	829.50	%Sft	171748
40	Colour Washing (Three Coats) ( s.i.no-25-p-54)	27913	859.90	%Sft	240024
41	Priming coat of chalk under distemper. (In lime mortar )( S.i.no-23p-58)	40061	442.75	%Sft	177370
42	Distemping (Three coats) ( S.i.no-24-p-54)	40061	1079.65	%Sft	432519
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 than painting with weather coat of approved make (s.i.n.o 38(a)p-55)	17351	2567.95	%Sft	445565
44	Preparing surface and painting doors and windows any type (including edges) Three Coats.(NEW SURFACE) ( S.i.no-5-p-76)	2118	2116.41	%Sft	44826
45	<b>B-OLD SURFACE</b>	1476	1662.21	%Sft	24534
46	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 )	821	1270.83	%Sft	10434
47	<b>B-OLD SURFACE</b>	1074	977.44	%Sft	10498
<b>Total :</b>					<b>20492585</b>

### 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)	8.00	5044.60	Each	40357
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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	230.00	73.21	P/Rft	16838
	ii). 3/4" dia pipe	180.00	95.79	P/Rft	17242
	ii). 1"	110.00	128.55	P/Rft	14141
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	246.00	199.30	P/Rft	49028
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"	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)	5.00	4253.90	Each	21270
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3)	5.00	938.47	Each	4692
8	S/F swan type pillar cock of suP:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16)	5.00	795.30	Each	3977
9	P/F towen rails comp with brackets fixing on wooden cleasts sciew 24"long(s.i.no 1p-7)	5.00	1082.95	Each	5415
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)	5.00	2047.76	Each	10239
11	S/F soap try ware with c.p. sciew comp:(s.i.no. 4p-8)	5.00	497.20	Each	2486
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18)	10.00	478.28	Each	4783
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
	ii). 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 scoket 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"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)	9.00	5912.22	Each	53210
G.Total Part B"					357911
Total Part-A (Civil work)				Rs.	20492585
Add Carriage				Rs.	2326922
G.Total (A + B )				Rs.	23177418
				Say	23.177

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. Sindhi Berahi, GBPS. Urdu, Berani, GBPS. Sobho Khan Wassan, GGPS. Berani Urdu, GBPS. Rasool 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)	3444	3327.50	%Cft	114599
2	Dismantling C.C. Plain 1:3. 6 ratio(s.i.no-19p-10). 53 21 27	101	1306.80	%Cft	1320
3	Dismantling cement concrete reinf:sepreting reinforcement from concrete cleaning & straight the same(s.i.no-20p-10)	3739	5445.00	%Cft	203589
4	Dismantling pacca brick work or lime cement mortar (s.i.no-13p-10)	8816	1285.63	%Cft	113341
5	Removing cement plaster from walls(s.i.no53-p13)	24708	121	%Cft	29897
6	Removing door with chwoks(s.i.no33-p12)	20	142.18	pno	2844
7	Removing windwo & sky light (s.i.no-33p-12)	17	102.85	pno	1748
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-18-p-5 )	7088.00	3176.25	%0Cft	22513
9	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:5:10. ( S.i.no-5-p-5 )	5873.00	8694.95	%Cft	510654
10	Pacca brick work in foundation and plinth in cement sand mortar. 1:6.ratio ( S.i.no-4p-24)	10187.00	11948.36	%Cft	1217179
11	Filling watering ramming earth under floor surplus earth excavated from foundation lead upto one chain and lift upto 5ft ( S.i.no-21-p-4 )	3034.00	1512.50	%0Cft	4589
12	Filling watering ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5ft (S.i.no-22-p-4)	18290.00	3630.00	%0Cft	66393
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.no-6p-15)	11066.00	337.00	Cft	3729242
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)	454.70	5001.70	Cwt	2274273
	Mild Steel.	37.73	4820.20	Cwt	181866
15	Pacca brick work in ground floor in cement sand mortar 1:6.(S.i.no-5-p-21)	10708.00	12674.36	%Cft	1357170
16	Pacc Brick Work in Other than Building. 1:6.ratio (S.i.no-7p-25)	6789.00	12346.65	%Cft	838214
17	Cement plaster 1:6 upto 20' Ft. height (1/2" thick). ( S.i.no-13-p-57)	62136.00	2206.60	%Sft	1371093
18	Cement plaster 1:4 upto 20' Ft height (3/8" thick). ( S.i.no-13-p-57)	62136.00	2197.52	%Sft	1365451
19	Cement plaster 1:4 upto 20' Ft. height (3/4" thick). ( S.i.no-13-p-57)	1561.00	3015.76	%Sft	47076
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(S.i.no-35-p-61 )	2484.00	19.36	Rft	48090
22	Cement pointing struck joints on walls. 1:2,.4 ratio ( S.i.no-19p-58)	11132.00	1287.44	%Sft	143318
23	Making notice Board with Cement Sand. (S.i.no-1-p-100)	692.00	58.11	P-Sft	40212
24	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels. (3" thick). (S.i.no-16-p-47)	7966.00	4411.82	%Sft	351446
25	Providing and laying 1" thick topping of cement concrete (1:2:4) including surface finishing & dividing into pannels.(2" thick). (S.i.no-16-p-47)	27934.00	3275.50	%Sft	914978
26	Cement comcnrte plain i/c placing compacting finishing & curring comp(i/c screening & washing of stone agreeete.H.ratio 1:3:6.(S.i.no-5(b)-p-15)	681.00	12595.00	%cft	85772



S.No.	Name of Item	Quantity	Rate	Unit	Amount
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).	425	27678.86	%Sft	117635
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.no-37p-44).	860.00	28299.30	%Sft	243374
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).	3883.00	307.00	P.sft	1192081
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-68p-48).	413.00	186.04	P.Sft	76835
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. (S.i.no-28-p-92)	451.00	228.90	Rft	103234
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. (S.i.no-29-p-92)	1038.00	240.50	Rft	249639
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. (S.i.no-26-p-92)	1094.00	180.50	Sft	197467
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).	264.00	726.72	P-Sft	191854
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). (S.i.no-7-p-57)	631.00	902.93	Sft	569749
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)	1427.00	34520.31	%Sft	492605
38	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft. (S.i.no-13-p-35)	10352.00	1887.40	%Sft	195384
39	White Washing (Three Coats). (S.i.no-25-p-59)	23255.00	829.50	%Sft	192900
40	Colour Washing (Three Coats) (S.i.no-25p-54-)	33081.00	859.90	%Sft	284464
41	Priming coat of chalk under distemper. (In lime mortar) (S.i.no-23p-58)	47392.00	442.75	%Sft	209828
42	Distemping (Three coats). (S.i.no-24p-54)	47392.00	1079.65	%Sft	511668
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).	23074.00	2567.95	%Sft	592529
44	Preparing surface and painting doors and windows any type (including edges) Three Coats. (NEW SURFACE). (S.no-5-p-76)	2395.00	2116.41	%Sft	50688
	<b>B-OLD SURFACE.</b>	2678.00	1662.21	%Sft	44514
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)	1325.00	1270.83	%Sft	16838
	<b>B-OLD SURFACE.</b>	1747.00	977.44	%Sft	17076
<b>Total :</b>					<b>20587228</b>
<b>GRAND TOTAL :</b>					<b>20587228</b>

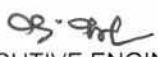
#### PART B" WATER SUPPLY & SANITARY FITTING

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).	12.00	5044.60	Each	60535
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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	430.00	73.21	P/Rft	31480
	ii). 3/4" dia pipe	220.00	95.79	P/Rft	21074
	ii). 1"	170.00	128.55	P/Rft	21854
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	60.00	146.57	P/Rft	8794
	ii). 6" dia pipe	408.00	199.30	P/Rft	81314
4	Supplying and fixing in position long bib cocks with c.p head 1/2"(s.i.no 1-p-16).	12.00	337.92	Each	4055
5	Supplying and fixing in position long bib cocks with c.p head 3/4".	10.00	348.92	Each	3489
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).	7.00	4253.90	Each	29777
7	Add:extra labour for earthen ware pedestal white or colour glazed sup:quality(s.i.o.9p-3).	7.00	938.47	Each	6569
8	S/F swan type pillar cock of sup:quality single c.p head 1/2" or sup:quality(s.i.o.18p-16).	7.00	795.30	Each	5567
9	P/F towen rails comp with brackets fixing on wooden cleasts scew 24"long(s.i.no 1p-7).	7.00	1082.95	Each	7581
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).	7.00	2047.76	Each	14334
11	S/F soap try ware with c.p. scew comp:(s.i.no. 4p-8).	7.00	497.20	Each	3480
12	Supplying and fixing concealed stop cocks sup:quality c.p head 1/2"(11p-18).	14.00	478.28	Each	6696
13	Providing and fixing handle volve (china)(s.i.no5p-17)				
	i). 1/2" dia	10.00	102.95	Each	1030
	ii). 3/4" dia	10.00	271.92	Each	2719
	ii). 1" dia	5.00	365.42	Each	1827
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 60 60 60 50 50	340.00	160.00	Each	54400
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).	60.00	166.35	Each	9981
16	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc. (RA).	6.00	18470.00	Each	110820
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).	12.00	447.15	Each	5366
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).	12.00	1671.53	Each	20058
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).	14.00	5912.22	Each	82771
G.Total Part B"					595573
Total Part-A (Civil work)				Rs.	20587228
Add Carriage & Contgy				Rs.	2239461
G.Total (A + B)				Rs.	23422262
				Say	23.422

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 @ Package-18 GBHS. Rukan Burira Taluka Sinjhora

### **(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 slab l/c sepraty(S.I.No. 20 P.No.10)	1306	5445	%Cft	71112
4	Dismantling pacca brick work in cement sand mortar (S.I.No.13 P.No. 10)	1285	1285.63	%Cft	16520
5	Excavation in foundation of building bridges and other structure 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 situ 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 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) .	536	12595	%Sft	67509
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 curing grinding rubbing and polishing 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 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)	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 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)	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 paris and then painting with weather coat of approved makes(s.i.no38-p-55)	4981.00	2567.95	%Sft	127910
33	Distemping 2 Coats (S.I.No 24-b-P.No 54)	10853	1043.90	%Sft	113294
34	Distemping 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 surface 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, railing (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, railing (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
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

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

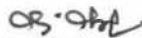
Rs: 10128615

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 @ Package-19 GBHS. Jamia Millia, GBHS. Tayab Thahim 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)	5,094	5,445.00	%Cft	277,368
2	Dismantling C.C Plain 1:2:4.	3,294	3,327.50	%Cft	109,608
3	Dismateling pacca brick work or lime cement mortar.(S.I.No13/P.11)	11,160	1,306.60	%Cft	145,817
4	Removing cement or lime plaster.	8,847	121.00	%Sft	10,705
5	Removing doors with Chowkates.(S.No. (b)/P.13)	26	142.18	Each	3,697
6	Removing Window with Chowkates.(S.No. (b)/P.13)	45	102.85	Each	4,628
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)	3,307	3,176.25	%0Cft	10,504
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	5,095	8,694.95	%Cft	443,008
10	Pacca brick work in foundation and plinth in cement sand mortar.	6,643	11,948.36	%Cft	793,730
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 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	10,214	337.00	P.Cft	3,442,118
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	492.15	5,001.70	P.Cwt	2,461,602
	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'	17,960	3,630.00	%0Cft	65,195
15	Pacca brick work in ground floor in cement sand mortar 1:6.	12,512	12,674.36	%Cft	1,585,816
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.	504	228.90	P.Rft	115,366
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.	828	240.50	P.Rft	199,134
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.	781	180.50	P.Sft	140,971



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).	1,564	902.93	P.Sft	1,412,183
21	Applying floating coat of cement 1/32" thick.	-	660.00	%Sft	-
22	Cement plaster 1:6 upto 20' Ft. height (1/2" thick)	51,328	2,206.60	%Sft	1,132,604
23	Cement plaster 1:4 upto 20' Ft height (3/8" thick)	51,328	2,197.52	%Sft	1,127,943
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	968	58.11	P.Sft	56,250
27	Cement concrete plain i/c placing compacting finishing & curing comp (i/c screening & washing of stone aggregate ratio 1:2:4	497	14,429.25	%Cft	71,713
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)	2,821	307.00	P.Sft	866,047
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)	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 panels.	9,541	4,411.82	%Sft	420,932
31	Providing and laying 2" thick topping of cement concrete (1:2:4) including surface finishing & dividing into panels.	18,207	3,275.50	%Sft	596,370
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.)	216	28,253.61	%Sft	61,028
34	Two coats of bitumen laid hot using 34 Lbs %Sft over roof and blinded with sand @ 1Cft %Sft	15,059	1,887.40	%Sft	284,224
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	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....	786	47,651.56	%Sft	374,541
37	White Washing (Three Coats)	14,100	829.95	%Sft	117,023
38	Priming coat of chalk under distemper.	30,832	442.75	%Sft	136,509
39	Distempering (Three coats)	30,832	1,079.65	%Sft	332,878
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)	2,192	859.90	%Sft	18,849
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)	6,675	6,319.50	%Sft	421,827
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



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).	3,402	2,116.42	%Sft	72,001
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).	448	977.40	%Sft	4,379
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. (SINo: 93/P-108)	-	43.26	P.Sft	-
<b>Grand Total :</b>					<b>18,214,878</b>

**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	8.00	5,486.80	Each	43,894
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	52.00	146.57	P.Rft	7,622
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	105.00	73.21	P/Rft	7,687
b	3/4" dia pipe	90.00	95.79	P/Rft	8,621
4	P/F Cancealed stop cock of superior quality with c.p head 1/2"dia. (S.No:13(a)/P.15).	12.00	889.46	Each	10,674
5	P/F Cancealed long bib cock of superior quality with c.p head 1/2"dia. (S.No:15(a)/P.15).	12.00	1,109.46	Each	13,314
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).	6.00	447.15	Each	2,683
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	20.00	76.95	P.Rft	1,539
b	Boring pipe	110.00	38.95	P.Rft	4,285
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** **112,940**


**COST OF CARRIAGE:** **1,397,087**

**Part-A TOTAL :** **18,214,878**

**G.Total** **19,724,905**

**Say** **19.725**

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