

**OFFICE OF THE EXECUTIVE ENGINEER, EDUCATION WORKS
DIVISION, KASHMORE @ KANDHKOT**

NO: XEN/EWD/TCI- 922 922 OF 2018 Kashmore @K,kot

-DATED: 02/01/2018.

NOTICE INVITING TENDERS

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

2. **Eligibility:** Valid Registration with Income Tax, Sales Tax, Sindh Revenue Board, Pakistan Engineering Council in relevant category and Inspectorate of Electrical License for electric works.
3. Method of Procurement (Single Stage Single Envelope).
4. Annual Financial Turnover of last three years in the shape of Bank Statement showing at least 10.000 (M) transaction in each year.
5. Bidder should have successfully completed at least two contracts of value of Rs. 10.000 million of each Civil work during last two years specially related to structural works. That should be submitted with related work order and performance certificate from the clients.
6. **The Bid Security 5%** (five percent) of bid amount shall be submitted in the shape of call deposit / pay order issued from any scheduled Bank of Pakistan in favour of undersigned at the time of submission of bidding documents containing full name, complete address, telephone number, fax number & e-mail of the organization.
7. Bidder should submit Bank Statement showing salaries of the technical staff.
8. Undertaking on stamp paper of Rs. 200/- that firm is not involved in any litigation, abandonment of any work in the Department or previously black listed by the Government, Semi Government and Autonomous Bodies.
9. Undertaking regarding list of Partners/Partnership Deed with Director / Proprietor etc with complete information along with Power of Attorney / Sole Proprietor.
10. Only one firm/bidder will be allowed to participate for maximum 3 Nos. of Packages.
11. Undertaking on stamp paper that information submitted by Bidder / Firm is correct and if found misleading at any stage, the work awarded will be cancelled.
12. Bidding/Tender Documents:
 - 1) **Issuance:** Documents will be issued from date of 1st publication in the newspapers & from date of hoisting on SPPRA Website up to **05.03.2018**
 - 2) **Submission:** Last date will be **05.03.2018 up to 01:00 am.**
 - 3) **Opening:** will be opened on **06.03.2018 at 02:00 pm.**
 - 4) **Un-responded tenders** will be again issued / submitted/opened on following dates.
2nd Attempt: Issue date from: **07.03.2018 to 08.03.2018**
Submission date: **22.03.2018 at 01:00 a.m**
Opening date: **22.03.2018 at 02:00 p.m**

13. Terms & Conditions:

- a. Under following conditions bid will be rejected:-
 - i. Conditional, In-complete and telegraphic bids/tenders.
 - ii. Bids not accompanied by bid security and form.
 - iii. Bids received after specified date and time.
 - iv. Bids of black listed firms.
 - v. Bids received without information of technical staff working with firm.
 - vi. Bids received without list of Machinery & Equipment available with documentary evidence of its ownership & certificate of Bank showing the credit worthiness along with Bank Statement.
- b. If the undersigned or any member of the Procurement Committee remains out of head quarter on date of opening of tenders, the same will be opened on the next working day at the same time as mentioned above.
- c. The bidder must submit Bank Certificate showing the actual name of Bidder/Firm maintaining his/their account therein.
- d. Procuring Agency reserves the right to reject all or any bids subject to the relevant provisions of Sindh Public Procurement Rules 2010.

SPPRA INWARD DIARY

NO :

DATED :

6013
19-02-2018

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
KASHMORE @ KANDHKOT

CFWCs to:

- The Deputy Commissioner, Kashmore @ Kandhkot, for favour of his kind information.
- The Chief Engineer, Education Works, Sukkur.
- The Superintending Engineer, Education Works Circle, Larkana for favour of information and approval please.
- The Director (Information), Advertisement Government of Sindh, Karachi along-with 03 extra copies for publication in the leading newspapers.
- The Director (C.B) SPPRA, Planning and Development Department, GoS Karachi for posting NIT on website.
- The Secretary (Focal Person), Information Technology Department, Govt. of Sindh, New Sindh Secretariat, 1st Floor, Karachi for floating tenders on website.
- The Executive Engineer, Roads Division / Buildings Division, Kashmore @ Kandhkot.
- The Assistant Engineer, Education Works Sub-Division, Kashmore / Kadhkot, for vide publicity.
- The Member of Procurement Committee for information.
- Copy to Divisional Accounts Officer/Draftsman/Establishment Branch/Notice Board (local).


EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
KASHMORE @ KANDHKOT



OFFICE OF THE
EXECUTIVE ENGINEER, EDUCATION WORKS DIVISION KASHMORE KANDHKOT
No. EE/EWD/SAC/ of 2018
K'KOT, Dated: -02-2018

To,


The Director (A&F),
Sindh Public Regulatory Authority,
KARACHI.

SUBJECT: SUBMISSION OF THE NIT ALONG WITH RELEVANT DOCUMENTS FOR LOADING ON SPPRA WEBSITE.

It is submitted that the required / relevant documents of this office NIT No. EE/EWD/TC/ 922 dated: 09.02.2018, (along with Softcopy) are submitted herewith for favour of your kind information and loading for hoisted on your official website.

Sr No.	Particular	Remarks
1.	Notice Inviting Tenders	Attached
2.	Bidding Documents / Bidding Data & Bill of Quantities	Attached
3.	Notification of Procurement Committee	Attached
4.	Notification of Compliant Redressal Committee	Attached
5.	Procurement Plan 2016-17	Attached

D/As.....Above


EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
KASHMORE @ KANDHKOT

LIST OF WORKS

SNO	SIMIS CODE	NAME OF SCHEMES / LOCATION	TALUKA	ESTIMATED IN MILLION COST	EARNEST MONY IN MILLION	TENDER FEE IN RUPEES	TIME ALLOWED
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**DEVELOPMENT SCHEMES OF
OGDCL FUNDS AND CSR
CHACHAR BLOCK PPL**

1		GBPS Sheralabad (Repair / Renovation)	K'Kot	0.900	0.045	3000	6 Months
2		Guard Rangers School, RD-109 (Repair / Renovation)	Kashmore	0.900	0.045	3000	6 Months
3		GBPS Rasool Bux Chachar (Boundary Wall)	Kashmore	1.000	0.050	3000	6 Months
4		GBPS Dad Muhammad Khoso (1 C/R Shelterless)	Kashmore	1.000	0.050	3000	6 Months
5		GBPS Hairal Khan Mazari (Repair / Renovation)	Kashmore	0.500	0.025	3000	6 Months

PPL FUNDS

1		GPS Haji Ghulam Muhammad Mazari (R/R)	Kashmore	1.000	0.050	3000	6 Months
2		GPS Imamdin Malik (R/R)	Kashmore	1.000	0.050	3000	6 Months
3		GPS Kabil Khan Mazari (R/R & B/W)	Kashmore	1.000	0.050	3000	6 Months
4		GPS Jahangir Domki (R/R)	Kashmore	0.400	0.020	3000	6 Months
5		GPS Jahan Khan Bhangwar (R/R)	Kashmore	0.600	0.030	3000	6 Months

NEW DISTRICT ADP 2017-18

1		GPS Ghulam Muhammad Bhangwar (Add C/R)	Kashmore	0.900	0.045	3000	6 Months
2		GPS Mast Ali Mazari (Add C/R)	Kashmore	0.900	0.045	3000	6 Months
3		GPS Muheem Khan Bachkani (Add C/R)	Kashmore	0.900	0.045	3000	6 Months
4		GPS Abdul Raheem Bhangwar (R/R)	Kashmore	0.950	0.048	3000	6 Months
5		GBPS Ghulam Muhammad Khoso (Ext: Dev:)	K'Kot	0.780	0.039	3000	6 Months
6		GGHS Dari (Reair)	K'Kot	0.800	0.040	3000	6 Months
7		GPS Abdul Rasheed Ogahi (C/Wall)	K'Kot	0.500	0.025	3000	6 Months
8		GPS Jala Sawand (1 C/R)	K'Kot	0.900	0.045	3000	6 Months

CDM 2017-18

1		Construction of 1 Addition Class Room at GPS Soomar Dahani	K'Kot	1.000	0.050	3000	6 Months
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 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 KASHMORE @ KANDHKOT

PROCUREMENT PLAN 2017-18

IN RESPECT OF EDUCATION WORKS DIVISION KASHMORE @ KANDHKOT

S.No	ADP No.	Name of Scheme	Estimated Cost	Source of Funds ADP / Non ADP	Proposed procurement method	Cost of New works	Funds for New works	Nature of procurement	Timing of procurement			
									1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
1	2	3	4	5	6	7	8	9	10	11	12	13

DEVELOPMENT SCHEMES OF OGDCL FUNDS AND CSR CHACHAR BLOCK PPI.

1	GBPS Sheralabad (Repair / Renovation)	0.900	CSR & PPL	NCB	0.900	0.900						
2	Guard Rangers School, RD-109 (Repair /	0.900	CSR & PPL	NCB	0.900	0.900						
3	GBPS Rasool Bux Chachar (Boundary Wall)	1.000	CSR & PPL	NCB	1.000	1.000						
4	GBPS Dad Muhammad Khoso (1 C/R	1.000	CSR & PPL	NCB	1.000	1.000						
5	GBPS Hairal Khan Mazari (Repair /	0.500	CSR & PPL	NCB	0.500	0.500						

PPL FUNDS

1	GPS Haji Ghulam Muhammad Mazari (R/R)	1.000	PPL	NCB	1.000	1.000						
2	GPS Imamdin Malik (R/R)	1.000	PPL	NCB	1.000	1.000						
3	GPS Kabil Khan Mazari (R/R & B/W)	1.000	PPL	NCB	1.000	1.000						
4	GPS Jahangir Domki (R/R)	0.400	PPL	NCB	0.400	0.400						
5	GPS Jahan Khan Bhangwar (R/R)	0.600	PPL	NCB	0.600	0.600						

NEW DISTRICT ADP 2017-18

1	GPS Ghulam Muhammad Bhangwar (Add	0.900	District ADP	NCB	0.900	0.900						
2	GPS Mast Ali Mazari (Add C/R)	0.900	District ADP	NCB	0.900	0.900						
3	GPS Muheem Khan Bachkani (Add C/R)	0.900	District ADP	NCB	0.900	0.900						
4	GPS Abdul Raheem Bhangwar (R/R)	0.950	District ADP	NCB	0.950	0.950						
5	GBPS Ghulam Muhammad Khoso (Ext: Dev:)	0.780	District ADP	NCB	0.780	0.780						
6	GGHS Dari (Reair)	0.800	District ADP	NCB	0.800	0.800						
7	GPS Abdul Rasheed Ogahi (C/Wall)	0.500	District ADP	NCB	0.500	0.500						
8	GPS Jala Sawand (1 C/R)	0.900	District ADP	NCB	0.900	0.900						

CDM 2017-18

1	Construction of 1 Addition Class Room at GPS Soomar Dahani	1.000	CDM	NCB	1.000	1.000						
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DEVELOPMENT SCHEMES OF OGDCL FUNDS AND CSR CHACHAR BLOCK PPL

0.225	0.225	0.225	0.225
0.225	0.225	0.225	0.225
0.250	0.250	0.250	0.250
0.250	0.250	0.250	0.250
0.125	0.125	0.125	0.125

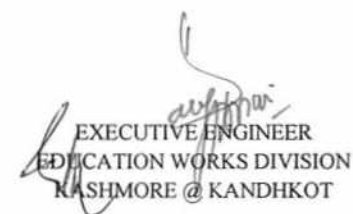
PPL FUNDS

0.250	0.250	0.250	0.250
0.250	0.250	0.250	0.250
0.250	0.250	0.250	0.250
0.100	0.100	0.100	0.100
0.150	0.150	0.150	0.150

NEW DISTRICT ADP 2017-18

0.225	0.225	0.225	0.225
0.225	0.225	0.225	0.225
0.225	0.225	0.225	0.225
0.238	0.238	0.238	0.238
0.195	0.195	0.195	0.195
0.200	0.200	0.200	0.200
0.125	0.125	0.125	0.125
0.225	0.225	0.225	0.225

0.250	0.250	0.250	0.250
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 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 KASHMORE @ KANDHKOT



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

NOTIFICATION

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

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

ToRs

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

- DR. FAZLULLAH PECHUHO -
SECRETARY TO GOVT. OF SINDH

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

Karachi, date the 28th May, 2015

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

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



SINDH EDUCATION &
LITERACY DEPARTMENT



DEPUTY SECRETARY (GA)

28/04/15

NOTIFICATION

GO(G) 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 is constituted as under to resolve complaints of aggrieved bidders:-

- | | |
|--|----------|
| 1. Superintendent Engineer (Education Works) of concerned Education Works Circle Education & Literacy Department | Chairman |
| 2. Representative of District Account Officer / Accountant General, Sindh | Member |
| Representative of Head of procuring Agency (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 28th May, 2015

GO(G) EDU/E&A/PRO-EW(CRC)/14-15:

A copy is forwarded for information & necessary action to:-
All Members of the Committee.
The P.S to Secretary, Education & Literacy Department.
Office Order File

EDUCATION &
LITERACY DEPARTMENT



DEPUTY SECRETARY (GA)

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

**NAME OF WORK :- DEVELOPMENT SCHEMES OF OGDCL FUNDS AND CSR CHACHAR BLOCK PPL @
Guard Rangers School RD-109 (Repair / Renovation)**

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling around structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5).	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	159	Rein forced 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 sepreately this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	53583
6	8.518	Fabrication of Tor steel reinforcecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	42604
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortar ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 4 1/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition i/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick including finishing (C.S.I No:37 P-45).	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" 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 including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47).	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
TOTAL :-					564242

PART "B"

1	2	Providing & fixing squatting type white glazed of flush cisten with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with 4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1)	4802.60	Each	9605
2	2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern). (S.I No:8 P-No:3).	4253.70	Each	8507
3	2	Add: extra labour for providing and fixing of earthen wire pedestal white or colored glass standard pattern (S.I No:9 P-No:3).	938.47	Each	1877
4	4	P/F in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connection (S.I No:23 P-No:6).	447.15	Each	1789
5	2	P/F 6" x 4" c.c gully trap with 4" dia out let complete with 4" thick 1:2:4 c.c for bed and 1/2" thick cement plaster 1:3 to the carb c.I caning 6" x 6" and c.I cover and frame 12" x 12" in side etc complete (S.I No:1(a-i) P-No:21).	1193.17	Each	2386
6		RCC pipe with color class "B" and didding the traches to the required depth an fixing in positin i/c cutting fitting and jointing with max phalt composition and cemen mortar 1:1 and testing with water presure to head of 4 Ft aboe the top of the heigh			
	50	4" dia	146.57	Each	7329
	30	6" dia	199.25	Each	5978
7	2	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4. (S.I No.. 20 Page No.3).	2042.43	P.Rft	4085
8		Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and i/c the cost of breaking thorough walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12)			
	100	1/2" dia	73.21	P.Rft	7321
	50	3/4" dia	95.79	P.Rft	4790
	30	1" dia	128.55	P.Rft	3857

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
	20	1-1/4" dia	153.19	P.Rft	3064
9		Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete			
	100	1/2" dia	7.82	P.Rft	782
	50	3/4" dia	8.45	P.Rft	423
10		Providing and fixing full way gun metal valves with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechanical works (S.I No:4 (b) P-No:17).			
	2	1/2" dia	161.92	Each	324
	2	3/4 dia	227.92	Each	456
11	4	S/F cancelled stop cock of superior quality with crystal head head 1/2" dia (S.I No:11 (b) P-No:18).	478.28	Each	1913
12	1	S/F long bib cock of crystal head with c.p head 1/2" dia (S.I No:13 (b) P-No:19).	1109.46	Each	1109
13	1	S./F wash been mixture of superior quality with c.p head 1/2" dia with crystal head (S.I No:16 (b) P-No:15).	2882.00	Each	2882
11	1	S/F Swan type Pillars Cock of supreior quality with arvstal Head.	795.30	Each	795
12		P/F handle valves (China) (S.I No:7 P-No:14).			
ii	2	3/4" dia	271.92	Each	544
iii	2	1" dia	365.42	Each	731
13		Supplying & fixing fibre glass tank of approved quality and design and wall thicness as specified i/c cost of nutes, bolts and fixing in plateform of cement concreete 1: 3: 6 and makin connections for in -let ,& ou-let & over flow pipes etc. complete.			
A	1	250 Gallons	21989.61	Each	21990
13	80	S/F Boring	160.00	Each	12800
14	2	Constructiong manhole or inspectionchamb er for the required dia of circular sewer and 3'-6" (1067 mm) dpth with walls of BB in cement motor 1:3 cement plaster 1:3, 1/2' thick inside of walls and 1" (25 mm) thick over benchingh and channel i/c fixing CI manhole cover with fram of clear opening 1-1/2' x 1., 1/2' (457x457 mm) of 1.75 Cwt. (88.9 Kg) embedded in plain C.C 1:2:4 and fixing 1" (25 mm) dia M.S steps 6' (150 mm) waide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE)	14748.00	Each	29496
15		Providing PVC Pipes of class D equalvalent make) fixinbg in trench i/c cutting fitting and jointing with "Z" joint with one rubber Ring i/c testing with water to head of 122 metere or 400ft. (S.I.No:3 Page No:23)			
ii	100	3" dia	137.00	Each	13700
iii	10	4" dia	226.00	Each	2260
16	1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and i/c the cost of white/black plastic seat (Best Quality) and lid with c.P brass hineges and buffers, 3 gallons white glazed earthen earthen ware low level foushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connectios and making good in cement concreete 1: 2: 4. (Foreign Quality).	11477.40	Each	11477
TOTAL :-					162268

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____

Part "B" % Above / Below _____ Total Amount _____

Total "A+B" _____

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>NON SCHEDULE ITEMS</u>					
1	320	Providing & laying floor of Verona marble tiles of size 12" x 12" x 3/4" 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 titles, including curring, grinding, rubbing and chemical polishing etc. complete i/c cutting tiles to proper profile.		P.Sft	
TOTAL :-					

Cost of Bid


Amount Position

1. (A) Cost Based on Composite Schedule of Rates

2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 KASHMORE @ KANDHKOT

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- New District ADP 2017-18 Programme @ GPS Ghulam Muhammad Bhangwar (Add C/R)

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5.	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	500	Rein forced 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 sepreteley this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (l)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	168500
6	26.786	Fabrication of Tor steel reinfocement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	133974
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 4 1/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

*Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 " thick including finishing (C.S.I No:37 P-45) .	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and aptern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47) .	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
TOTAL :-					770529

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____

Total "A" _____

NON SCHEDULE ITEMS

1	320	Providing & laying floor of Verona marble tiles of size 12" x 12" x 3/4" 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 titles, including curring, grinding, rubbing and chemical polishing etc. complete i/c cutting tiles to proper profile.		P.Sft	
TOTAL :-					

Cost of Bid


Amount Position

1. (A) Cost Based on Composite Schedule of Rates

2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 KASHMORE @ KANDHKOT

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- New District ADP 2017-18 Programme @ GPS Mast Ali Mazari (Add C/R)

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5.	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 11/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	500	Rein forced 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 sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	168500
6	26.786	Fabrication of Tor steel reinforcecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	133974
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortar ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 " thick including finishing (C.S.I No:37 P-45).	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and aptern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47).	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
TOTAL :-					770529

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____
 Total "A" _____

NON SCHEDULE ITEMS

1	320	Providing & laying floor of Verona marble tiles of size 12" x 12" x 3/4" 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 titles, including curring, grinding, rubbing and chemical polishing etc. complete i/c cutting tiles to proper profile.		P.Sft	
TOTAL :-					

Cost of Bid

Amount Position

1. (A) Cost Based on Composite Schedule of Rates

2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 KASHMORE @ KANDHKOT

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- New District ADP 2017-18 Programme @ GPS Jala Sawand (1 C/R)

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5.	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 11/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	500	Rein forced 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 sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	168500
6	26.786	Fabrication of Tor steel reinforcecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	133974
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 " thick including finishing (C.S.I No:37 P-45) .	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and aptern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47) .	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
TOTAL :-					770529

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____
 Total "A" _____

NON SCHEDULE ITEMS

1	320	Providing & laying floor of Verona marble tiles of size 12" x 12" x 3/4" 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 titles, including curring, grinding, rubbing and chemical polishing etc. complete i/c cutting tiles to proper profile.		P.Sft	
TOTAL :-					

Cost of Bid **Amount** **Position**

1. (A) Cost Based on Composite Schedule of Rates

2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 KASHMORE @ KANDHKOT

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- PPL FUNDS @ GPS Haji Ghulam Muhammad Mazari Taluka Kashmore

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	410	Dismantling cement concrete reinforced separating reinforcement from concrete clearing and straightning the same (C.S.I No:20 P-10).	5445.00	%Cft	22325
2	869	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	%Cft	11172
3	236	Excavation in foundation of building bridges and other structure including dressing refeling around structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5).	3176.25	%0Cft	750
4	339	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15)	9416.28	%Cft	31921
5	820	Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	%Cft	97977
6	200	Rein forced 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 sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	67400
7	5	Fabrication of Tor steel reinforcement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17).	5001.70	P.Cwt	25009
8	1371	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	%Cft	4977
9	450	Pacca brick work in ground floor in cement sand mortar ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	%Cft	57035
10	223	Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22)	12346.65	%Cft	27533
11	2243	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 52).	2206.60	%Sft	49494
12	2243	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	49290
13	1118	Cement pointing stricking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	14394
14	60	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No: 5 (f) Page No:16)	14429.25	%Cft	8658
15	80	Providing and fixing 3/8" thick marble tiles of approved quality and coloum shade size 8" x 4/6" x 4" in dado skitring and facing removal / tucking of exiting plaster surface etc over 1/2" thick base of cement mortar 1:3 setting mortar base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.S.I No: 68 (i) P-49).	186.04	P.Sft	14883
16	79	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hinges iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Sft	71331
17	5.000	S/F Girder at Site of Work	3850.00	P.Cwt	19250
18	8.000	S/F T.Iron at Site of Work	3575.00	P.Cwt	28600
19	13.000	Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.S.I No:6 P-91).	186.04	P.Cwt	2419

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
20	238	2nd class tiles roofing consisting of 4"earth and 1" mud plaster with leaping over 1/2"thick cement plaster 1:6 with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12"x6"x2"tiles laid in 1"6 cement mortar including 1:2 cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33).	7607.25	%Sft	18105
21	121	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	%Sft	3963
22	67	Providing and fixing G.I frames /Chowkates 7"2" or 4 1/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	15336
23	241	Providing and fixing G.I frames /Chowkates 7"2" or. 4 1/2" x 3" for windows using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and repairing the janbs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93).	240.50	P.Rft	57840
24	80	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 " thick including finishing (C.S.I No:37 P-45) .	28253.61	%Sft	22603
25	20	Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4: thick cement mortar 1:2 complete (C.S.I No:24 P-43) .	27678.68	%Sft	5536
26	112	Suppling and fixing in position iron steel grill of 3/4"x 1/4" size flate iron of approved design i/c painting three coats etcomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93).	180.50	P.Sft	20216
27	64	Notice board made with cement (C.S.I No:1 P.95).	180.50	P.Sft	11552
28	52	Making & fixing steel grated door with 1/16" thick sheeting including angle iron frame 2" x 2" 3/8"and 3/4" square bars 4" centre to centre with locking arrangemnt. (C.S.I No:24 P-92)	726.72	P.Sft	37789
29	6	Rain forcement concrete spout including fixing in position 2 1/2" x 6" x 5" (C.S.I No:14 P.18).	726.72	P.Sft	4360
30	975	White wash three coats (C.S.I No:26 (c) P-54).	829.95	%Sft	8092
31	2243	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	%Sft	9931
32	2243	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	%Sft	24217
33	3118	Colour washing two coats (C.S.I No:25 (b) P-54).	859.90	%Sft	26812
34	374	Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	%Sft	7915
35	977	Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70).	1270.83	%Sft	12416
TOTAL :-					891100

PART "B" SCHEDULE ITEMS

1	2	Providing & fixing squatting type white glazed of flushe cisten with internal fitting&flush pippe with bend and making requesite numbers of holes in wall plinth & floor for pipe conection & making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1)	4802.60	Each	9605
2	2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & l/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern) (S I No:8 P-No:3)	4253.70	Each	8507
3	2	Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3) .	938.47	Each	1877
4	2	Providing & fixing 4" x 4" x4" dia. C.I branchen of the required degree with access dooors, rubber washer 1/8" thick and bolts and nuts and extra painting to match colour of the building.	270.60	Each	541
5	4	P/F in position nyloon connections complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nyloon connection (S.I No:23 P-No:6).	447.15	Each	1789

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
6		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting & jointing with maxphalt composition & cement mortar 1: 1 and testing with water pressure jto a head of 4 feet a bove the top of the heighest pipe & refilling with excavated staff.			
	20	4" dia	146.57	Each	2931
	20	6" dia	199.25	Each	3985
7	2	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4.	2042.43	Each	4085
8		Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and l/c the cost of breaking thorough walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling.	-		
	80	1/2" dia	73.21	Each	5857
	40	3/4 dia	95.79	Each	3832
	20	1" dia	128.55	Each	2571
9		Extra labour of G.I Pipes			
	80	1/2" dia	7.82	Each	626
	40	3/4 dia	8.45	Each	338
10		Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechanical works (S.I No:4 (b) P-No:17).			
	2	1/2" dia	161.92	Each	324
	2	3/4 dia	227.92	Each	456
11	2	Supplying & Fixing bib cock of Superior quality with crystal head. 1/2" dia.	478.28	Each	957
12	2	S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia.	1109.46	Each	2219
13	2	Wash been mixture	2882.00	Each	5764
14	2	Supplying & Fixing swan type piller cock of Superior quality with crystal head. 1/2" dia.	795.30	Each	1591
				TOTAL :-	57853

Amount Total (CSR)

Part "A" % Above / Below _____

Total Amount _____

Part "B" % Above / Below _____

Total Amount _____

Total "A+B" _____

CONTRACTOR

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
SUKKUR

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- PPL FUNDS @ GPS Imam Din Malik Taluka Kashmore

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	410	Dismantling cement concrete reinforced separating reinforcement from concrete clearing and straightning the same (C.S.I No:20 P-10).	5445.00	%Cft	22325
2	869	Dismantling brick work in lime or cement plaster (C.SI No:13 P-10).	1285.63	%Cft	11172
3	236	Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5).	3176.25	%0Cft	750
4	339	Cement concrete brick or stone ballast 11/2" to 2" guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15)	9416.28	%Cft	31921
5	820	Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	%Cft	97977
6	200	Rein forced 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 sepreately this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	67400
7	5	Fabrication of Tor steel reinforcement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17).	5001.70	P.Cwt	25009
8	1371	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	%Cft	4977
9	450	Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	%Cft	57035
10	223	Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22)	12346.65	%Cft	27533
11	2243	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 52).	2206.60	%Sft	49494
12	2243	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	49290
13	1118	Cement pointing stricking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	14394
14	60	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	%Cft	8658
15	80	Providing and fixing 3/8" thick marble tiles of approved quality and coloum shade size 8" x 4/6" x 4" in dado skitring and facing removal / tucking of exiting plaster surface etc over 1/2" thick base of cement mortor 1:3 setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49).	186.04	P.Sft	14883
16	79	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hinges iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Sft	71331
17	5.000	S/F Girder at Site of Work	3850.00	P.Cwt	19250
18	8.000	S/F T.Iron at Site of Work	3575.00	P.Cwt	28600
19	13.000	Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91).	186.04	P.Cwt	2419

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
20	238	2nd class tiles roofing consisting of 4" earth and 1" mud plaster with leaping over 1/2" thick cement plaster 1:6 with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12"x6"x2" tiles laid in 1"6 cement mortar including 1:2 cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33).	7607.25	%Sft	18105
21	121	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (c) P-42).	3275.50	%Sft	3963
22	67	Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	15336
23	241	Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for windows using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and repairing the janbs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:28 P.93).	240.50	P.Rft	57840
24	80	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 " thick including finishing (C.S.I No:37 P-45).	28253.61	%Sft	22603
25	20	Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4: thick cement mortar 1:2 complete (C.S.I No:24 P-43).	27678.68	%Sft	5536
26	112	Suppling and fixing in position iron steel grill of 3/4"x 1/4" size flate iron of approved design l/c painting three coats etcomplete weightg not less than 3.7 lbs of finshed grill (C.S.I No:26 P.93).	180.50	P.Sft	20216
27	64	Notice board made with cement (C.S.I No:1 P.95).	180.50	P.Sft	11552
28	52	Making & fixing steel grated door with 1/16" thick sheeting including angle iron frame 2" x 2" 3/8" and 3/4" square bars 4" centre to centre with locking arrangemnt. (C.S.I No:24 P-92)	726.72	P.Sft	37789
29	6	Rain forcement concrete spout including fixing in position 2 1/2" x 6" x 5" (C.S.I No:14 P.18).	726.72	P.Sft	4360
30	975	White wash three coats (C.S.I No:26 (c) P-54).	829.95	%Sft	8092
31	2243	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	%Sft	9931
32	2243	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	%Sft	24217
33	3118	Colour washing two coats (C.S.I No:25 (b) P-54).	859.90	%Sft	26812
34	374	Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	%Sft	7915
35	977	Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70).	1270.83	%Sft	12416
TOTAL :-					891100

PART "B" SCHEDULE ITEMS

1	2	Providing & fixing squatting type white glazed of flushe cisten with internal fitting&flush pippe with bend and making requesite numbers of holes in wall plinth & floor for pipe conection & making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with 4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1)	4802.60	Each	9605
2	2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & l/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern) (S.I No:8 P-No:3)	4253.70	Each	8507
3	2	Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3).	938.47	Each	1877
4	2	Providing & fixing 4" x 4" x4" dia. C.I branchen of the required degree with access dooors, rubber washer 1/8" thick and bolts and nuts and extra painting to match colour of the building.	270.60	Each	541
5	4	P/F in position nyloon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nyloon connection (S.I No:23 P-No:6).	447.15	Each	1789

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
6		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting & jointing with maxphalt composition & cement mortar 1: 1 and testing with water pressure jto a head of 4 feet a bove the top of the heghest pipe & refilling with excavated staff.			
	20	4"dia	146.57	Each	2931
	20	6" dia	199.25	Each	3985
7	2	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4.	2042.43	Each	4085
8		Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and l/c the cost of breaking thorough walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling.			
	80	1/2"dia	73.21	Each	5857
	40	3/4 dia	95.79	Each	3832
	20	1" dia	128.55	Each	2571
9		Extra labour of G.I Pipes			
	80	1/2"dia	7.82	Each	626
	40	3/4 dia	8.45	Each	338
10		Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechanical works (S.I No:4 (b) P-No:17).			
	2	1/2"dia	161.92	Each	324
	2	3/4 dia	227.92	Each	456
11	2	Supplying & Fixing bib cock of Superior quality with crystal head. 1/2" dia.	478.28	Each	957
12	2	S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia.	1109.46	Each	2219
13	2	Wash been mixture	2882.00	Each	5764
14	2	Supplying & Fixing swan type piller cock of Superior quality with crystal head. 1/2" dia.	795.30	Each	1591
TOTAL :-					57853

Amount Total (CSR)

Part "A" % Above / Below _____


Total Amount _____

Part "B" % Above / Below _____

Total Amount _____

Total "A+B" _____

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SUKKUR

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- PPL FUNDS @ GPS Kabil Khan Mazari Taluka Kashmore

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	410	Dismantling cement concrete reinforced separaiting raiforcement from concrete clearing and straightnig the same (C.S.I No:20 P-10).	5445.00	%Cft	22325
2	869	Dismantling brick work in lime or cement plaster (C.SI No:13 P-10).	1285.63	%Cft	11172
3	236	Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5).	3176.25	%0Cft	750
4	339	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15)	9416.28	%Cft	31921
5	820	Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	%Cft	97977
6	200	Rein forced 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 sepreately this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	67400
7	5	Fabrication of Tor steel reinforcement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17).	5001.70	P.Cwt	25009
8	1371	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	%Cft	4977
9	450	Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	%Cft	57035
10	223	Pacca brick work other then building including stricking of joints up to feet height (C.S.I No: 7 (e) Page No: 22)	12346.65	%Cft	27533
11	2243	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 52).	2206.60	%Sft	49494
12	2243	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	49290
13	1118	Cement pointing stricking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	14394
14	60	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	%Cft	8658
15	80	Providing and fixing 3/8" thick marble tiles of approved quality and coloum shade size 8" x 4/6" x 4" in dado skitring and facing removal / tucking of exiting plaster surface etc over 1/2" thick base of cement mortor 1:3 setting mortor base including filling the joints and washing of tiles wiht white cement slurry current finishing cleaning and polishing etc complete (for new work) (C.SI No: 68 (i) P-49).	186.04	P.Sft	14883
16	79	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Sft	71331
17	5.000	S/F Girder at Site of Work	3850.00	P.Cwt	19250
18	8.000	S/F T.Iron at Site of Work	3575.00	P.Cwt	28600
19	13.000	Errection rooled steel beam or old rails in roof etc errection and fixing in position (C.SI No:6 P-91).	186.04	P.Cwt	2419

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
20	238	2nd class tiles roofing consisting of 4" earth and 1" mud plaster with leaping over 1/2" thick cement plaster 1:6 with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12"x6"x2" tiles laid in 1"6 cement mortar including 1:2 cement pointing under neath of tiles complete including curing etc (C.S.I No:2 P.33).	7607.25	%Sft	18105
21	121	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels (C.S.I No:16 (c) P-42).	3275.50	%Sft	3963
22	67	Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carriage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	15336
23	241	Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for windows using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ratio 1:6 and repairing the janbs. Cost also i/c all carriage tools and plants used in making and fixing (C.S.I No:28 P.93).	240.50	P.Rft	57840
24	80	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick including finishing (C.S.I No:37 P-45).	28253.61	%Sft	22603
25	20	Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (C.S.I No:24 P-43).	27678.68	%Sft	5536
26	112	Suppling and fixing in position iron steel grill of 3/4"x 1/4" size flate iron of approved design l/c painting three coats etccomplete weightg not less than 3.7 lbs of finished grill (C.S.I No:26 P.93).	180.50	P.Sft	20216
27	64	Notice board made with cement (C.S.I No:1 P.95).	180.50	P.Sft	11552
28	52	Making & fixing steel grated door with 1/16" thick sheeting including angle iron frame 2" x 2" 3/8" and 3/4" square bars 4" centre to centre with locking arrangemtnt. (C.S.I No:24 P-92)	726.72	P.Sft	37789
29	6	Rain forcement concrete spout including fixing in position 2 1/2" x 6" x 5" (C.S.I No:14 P.18).	726.72	P.Sft	4360
30	975	White wash three coats (C.S.I No:26 (c) P-54).	829.95	%Sft	8092
31	2243	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	%Sft	9931
32	2243	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	%Sft	24217
33	3118	Colour washing two coats (C.S.I No:25 (b) P-54).	859.90	%Sft	26812
34	374	Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	%Sft	7915
35	977	Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70).	1270.83	%Sft	12416
TOTAL :-					891100

PART "B" SCHEDULE ITEMS

1	2	Providing & fixing squatting type white glazed of flushe cisten with internal fitting&flush pippe with bend and making requesite numbers of holes in wall plinth & floor for pipe conection & making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with 4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1)	4802.60	Each	9605
2	2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & l/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malloable iron or c.P brass traps malloable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern) (S.I No:8 P-No:3)	4253.70	Each	8507
3	2	Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3).	938.47	Each	1877
4	2	Providing & fixing 4" x 4" x 4" dia. C.I brachen of the required degree with access dooors, rubber washer 1/8" thick and bolts and nuts and extra painting to match colour of the building.	270.60	Each	541
5	4	P/F in position nyloon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nyloon connection (S.I No:23 P-No:6).	447.15	Each	1789

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
6		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting & jointing with maxphalt composition & cement mortar 1: 1 and testing with water pressure jto a head of 4 feet a bove the top of the heighest pipe & refilling with excavated staff.	-		
	20	4" dia	146.57	Each	2931
	20	6" dia	199.25	Each	3985
7	2	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4.	2042.43	Each	4085
8		Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and l/c the cost of breaking thorough walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling.			
	80	1/2" dia	73.21	Each	5857
	40	3/4 dia	95.79	Each	3832
	20	1" dia	128.55	Each	2571
9		Extra labour of G.I Pipes			
	80	1/2" dia	7.82	Each	626
	40	3/4 dia	8.45	Each	338
10		Providing and fixing full way gun metal values with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechanical works (S.I No:4 (b) P-No:17).			
	2	1/2" dia	161.92	Each	324
	2	3/4 dia	227.92	Each	456
11	2	Supplying & Fixing bib cock of Superior quality with crystal head. 1/2" dia.	478.28	Each	957
12	2	S/Fixing cancealed tee-stop cock of superir quality with c.p head 1/2" dia.	1109.46	Each	2219
13	2	Wash been mixture	2882.00	Each	5764
14	2	Supplying & Fixing swan type piller cock of Superior quality with crystal head. 1/2" dia.	795.30	Each	1591
TOTAL :-					57853

Amount Total (CSR)

Part "A" % Above / Below _____


Total Amount _____

Part "B" % Above / Below _____

Total Amount _____

Total "A+B" _____

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SUKKUR

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- DEVELOPMENT SCHEMES OF OGDCL FUNDS AND CSR CHACHAR BLOCK PPL @ GBPS Dad Muhammad Khoso (1 C/R)

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5).	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	500	Rein forced 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 sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	168500
6	26.786	Fabrication of Tor steel reinforcecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	133974
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortar ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 4 1/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 " thick including finishing (C.S.I No:37 P-45) .	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and aptern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47) .	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
TOTAL :-					770529

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____

Total "A" _____

NON SCHEDULE ITEMS

1	320	Providing & laying floor of Verona marble tiles of size 12" x 12" x 3/4" 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 titles, including curring, grinding, rubbing and chemical polishing etc. complete i/c cutting tiles to proper profile.		P.Sft	
TOTAL :-					

Cost of Bid


Amount Position

1. (A) Cost Based on Composite Schedule of Rates

2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 KASHMORE @ KANDHKOT

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- DEVELOPMENT SCHEMES OF OGDCL FUNDS AND CSR CHACHAR BLOCK PPL @ GBPS Abdul Rahem Bhanghwar Taluka Kashmore (Repair / Renovation)

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling around structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5.	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	159	Rein forced 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 sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	53583
6	8.518	Fabrication of Tor steel reinforcecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	42604
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 41/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 " thick including finishing (C.S.I No:37 P-45) .	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" 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 including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47) .	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
				TOTAL :-	564242

PART "B"

1	2	Providing & fixing squatting type white glazed of flush cisten with internal fitting&flush pippe with bend and making requisite numbers of holes in wall plinth & floor for pipe conection & making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with 4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1)	4802.60	Each	9605
2	2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & l/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coast after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern). (S.I No:8 P-No:3).	4253.70	Each	8507
3	2	Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3) .	938.47	Each	1877
4	4	P/F in position nyloon connections complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nyloon connection (S.I No:23 P-No:6).	447.15	Each	1789
5	2	P/F 6" x 4" c.c gully trap with 4" dia out let complate with 4" thick 1:2:4 c.c for bed and 1/2" thick cement plaster 1:3 to the karb c.I caning 6" x 6" and c.I cover and frame 12" x 12" in side etc complete (S.I No:1(a-i) P-No:21).	1193.17	Each	2386
6		RCC pipe with colar class "B" and didding the traches to the required depth an fixing in positin l/c cutting fitting and jointing with max phalt composition and cemen mortar 1:1 and testing with water presure to head of 4 Ft aboe the top of the heigh			
	50	4" dia	146.57	Each	7329
	30	6" dia	199.25	Each	5978
7	2	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4. (S.I No.. 20 Page No.3).	2042.43	P.Rft	4085
8		Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and l/c the cost of breaking thorough walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12)			
	100	1/2"dia	73.21	P.Rft	7321
	50	3/4"dia	95.79	P.Rft	4790
	30	1"dia	128.55	P.Rft	3857

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
	20	1-1/4" dia	153.19	P.Rft	3064
9		Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete			
	100	1/2" dia	7.82	P.Rft	782
	50	3/4" dia	8.45	P.Rft	423
10		Providing and fixing full way gun metal valves with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechanical works (S.I No:4 (b) P-No:17).			
	2	1/2" dia	161.92	Each	324
	2	3/4 dia	227.92	Each	456
11	4	S/F cancelled stop cock of superior quality with crystal head head 1/2" dia (S.I No:11 (b) P-No:18).	478.28	Each	1913
12	1	S/F long bib cock of crystal head with c.p head 1/2" dia (S.I No:13 (b) P-No:19).	1109.46	Each	1109
13	1	S./F wash been mixture of superior quality with c.p head 1/2" dia with crystal head (S.I No:16 (b) P-No:15).	2882.00	Each	2882
11	1	S/F Swan type Pillars Cock of supreior quality with arvstal Head.	795.30	Each	795
12		P/F handle valves (China) (S.I No:7 P-No:14).			
ii	2	3/4" dia	271.92	Each	544
iii	2	1" dia	365.42	Each	731
13		Supplying & fixing fibre glass tank of approved quality and design and wall thicness as specified i/c cost of nutes, bolts and fixing in plateform of cement concreete 1: 3: 6 and makin connections for in -let ,& ou-let & over flow pipes etc. complete.			
A	1	250 Gallons	21989.61	Each	21990
13	80	S/F Boring	160.00	Each	12800
14	2	Constructiong manhole or inspectionchamb er for the required dia of circular sewer and 3'-6" (1067 mm) dpth with walls of BB in cement motor 1:3 cement plaster 1:3, 1/2' thick inside of walls and 1" (25 mm) thick over benchingh and channel i/c fixing CI manhole cover with fram of clear opening 1-1/2' x 1., 1/2' (457x457 mm) of 1.75 Cwt. (88.9 Kg) embedded in plain C.C 1:2:4 and fixing 1" (25 mm) dia M.S steps 6' (150 mm) waide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE)	14748.00	Each	29496
15		Providing PVC Pipes of class D equalvalent make) fixing in trench i/c cutting fitting and jointing with "Z" joint with one rubber Ring i/c testing with water to head of 122 metere or 400ft. (S.I.No:3 Page No:23)			
ii	100	3" dia	137.00	Each	13700
iii	10	4" dia	226.00	Each	2260
16	1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and i/c the cost of white/black plastic seat (Best Quality) and lid with c.P brass hineges and buffers, 3 gallons white glazed earthen earthen ware low level foushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connectios and making good in cement concreete 1: 2: 4. (Foreign Quality).	11477.40	Each	11477
TOTAL :-					162268

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____

Part "B" % Above / Below _____ Total Amount _____

Total "A+B" _____

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>NON SCHEDULE ITEMS</u>					
1	320	Providing & laying floor of Verona marble tiles of size 12" x 12" x 3/4" 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 titles, including curring, grinding, rubbing and chemical polishing etc. complete i/c cutting tiles to proper profile.		P.Sft	
				TOTAL :-	

Cost of Bid

Amount


Position

1. (A) Cost Based on Composite Schedule of Rates

2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SUKKUR

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- New District ADP 2017-18 Programme @ GPS Abdul Rasheed Ogahi Taluka Knadhkot (R/R)

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
PART "A" SCHEDULE ITEMS					
1	3168	Single Layer Tiles 9" x 4 1/12" x 2" laid over 4" earth 1" mud plaster without bhoosa grouted with cement sand 1:3 on top of RCC Slab provided with 34 lbs bitumen coating sand blinded (C.S.I No: 5 P-34).	5310.35	%Sft	168232
2	5712	Scrapign white wash or colour wash (C.S.I No:54 (a) P-13).	75.63	%Sft	4320
3	5712	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	%Sft	61670
4	2010	White wash three coats (C.S.I No:26 (c) P-54).	829.95	%Sft	16682
5	953	Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	%Sft	20169
6	904	Painting guard bars gats iron bars grating raling including standard braces etc and smiller open work three coat (C.S.I No: 5 (d) (iii) P-70).	1270.83	%Sft	11488
7	1200	Providing & fixing cement paving blocks flooring having size of 197 x 97 x 60 (mm) of city / quddra / cobble shape with pigmented, having strength b/w 5000 psi to 8500 psi l/c filling the joints with hill sand and laying in specified manner/ pattern and design etc: complete. (CSI No. 72 Page No. 49).	248.17	P.Sft	297804
TOTAL :-					580364

Amount Total (CSR)

Part "A" % Above / Below _____

Total Amount _____

Total "A" _____

CONTRACTOR


EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
KASHMORE @ KANDHKOT

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- New District ADP 2017-18 Programme @ GGHS Dari Taluka Kandhkot (Repair)

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5.	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	159	Rein forced 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 sepreately this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	53583
6	8.518	Fabrication of Tor steel reinforcecment for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	42604
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortar ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 4 1/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick including finishing (C.S.I No:37 P-45).	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" 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 including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47).	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
TOTAL :-					564242

PART "B"

1	2	Providing & fixing squatting type white glazed of flush cisten with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with 4" dia C.I trap with C.I thumb. (S.I No:1 (b) i P-No:1)	4802.60	Each	9605
2	2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern). (S.I No:8 P-No:3).	4253.70	Each	8507
3	2	Add: extra labour for providing and fixing of earthen wire pedestal white or colored glass standard pattern (S.I No:9 P-No:3).	938.47	Each	1877
4	4	P/F in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connection (S.I No:23 P-No:6).	447.15	Each	1789
5	2	P/F 6" x 4" c.c gully trap with 4" dia out let complete with 4" thick 1:2:4 c.c for bed and 1/2" thick cement plaster 1:3 to the carb c.I caning 6" x 6" and c.I cover and frame 12" x 12" in side etc complete (S.I No:1(a-i) P-No:21).	1193.17	Each	2386
6		RCC pipe with collar class "B" and didding the traches to the required depth an fixing in positin i/c cutting fitting and jointing with max phalt composition and cemen mortar 1:1 and testing with water presure to head of 4 Ft aboe the top of the heigh			
	50	4" dia	146.57	Each	7329
	30	6" dia	199.25	Each	5978
7	2	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & i/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4. (S.I No.. 20 Page No.3).	2042.43	P.Rft	4085
8		Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and i/c the cost of breaking thorough walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zink paint with pigment to match the colour5 of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12)			
	100	1/2" dia	73.21	P.Rft	7321
	50	3/4" dia	95.79	P.Rft	4790
	30	1" dia	128.55	P.Rft	3857

ARTICLE: 211
OF: 100004
DIRECTION:
NO DE B

ARTICLE: 211
OF: 100004
DIRECTION:
NO DE B

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
	20	1-1/4" dia	153.19	P.Rft	3064
9		Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete			
	100	1/2" dia	7.82	P.Rft	782
	50	3/4" dia	8.45	P.Rft	423
10		Providing and fixing full way gun metal valves with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechanical works (S.I No:4 (b) P-No:17).			
	2	1/2" dia	161.92	Each	324
	2	3/4 dia	227.92	Each	456
11	4	S/F cancelled stop cock of superior quality with crystal head head 1/2" dia (S.I No:11 (b) P-No:18).	478.28	Each	1913
12	1	S/F long bib cock of crystal head with c.p head 1/2" dia (S.I No:13 (b) P-No:19).	1109.46	Each	1109
13	1	S./F wash been mixture of superior quality with c.p head 1/2" dia with crystal head (S.I No:16 (b) P-No:15).	2882.00	Each	2882
11	1	S/F Swan type Pillars Cock of supreior quality with arvstal Head.	795.30	Each	795
12		P/F handle valves (China) (S.I No:7 P-No:14).			
ii	2	3/4" dia	271.92	Each	544
iii	2	1" dia	365.42	Each	731
13		Supplying & fixing fibre glass tank of approved quality and design and wall thicness as specified l/c cost of nutes, bolts and fixing in plateform of cement concreete 1: 3: 6 and makin connections for in -let ,& ou-let & over flow pipes etc. complete.			
A	1	250 Gallons	21989.61	Each	21990
13	80	S/F Boring	160.00	Each	12800
14	2	Constructiong manhole or inspectionchamb er for the required dia of circular sewer and 3'-6" (1067 mm) dpth with walls of BB in cement motor 1:3 cement plaster 1:3, 1/2' thick inside of walls and 1" (25 mm) thick over benchingh and channel i/c fixing CI manhole cover with fram of clear opening 1-1/2' x 1., 1/2' (457x457 mm) of 1.75 Cwt. (88.9 Kg) embedded in plain C.C 1:2:4 and fixing 1" (25 mm) dia M.S steps 6' (150 mm) waide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE)	14748.00	Each	29496
15		Providing PVC Pipes of class D equalvalent make) fixinbg in trench i/c cutting fitting and jointing with "Z" joint with one rubber Ring i/c testing with water to head of 122 metere or 400ft. (S.I.No:3 Page No:23)			
ii	100	3" dia	137.00	Each	13700
iii	10	4" dia	226.00	Each	2260
16	1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and l/c the cost of white/black plastic seat (Best Quality) and lid with c.P brass hineges and buffers, 3 gallons white glazed earthen earthen ware low level foushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for Pipe connectios and making good in cement concreete 1: 2: 4. (Foreign Quality).	11477.40	Each	11477
				TOTAL :-	162268

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____

Part "B" % Above / Below _____ Total Amount _____

Total "A+B" _____

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- DEVELOPMENT SCHEMES OF OGDCL FUNDS AND CSR CHACHAR BLOCK PPL @ GBPS Sheralabad (Repair / Renovation)

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5.	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	159	Rein forced 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 sepreately this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	53583
6	8.518	Fabrication of Tor steel reinforceement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	42604
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortar ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 4 1/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick including finishing (C.S.I No:37 P-45).	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" 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 including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47).	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
				TOTAL :-	564242

PART "B"

1	2	Providing & fixing squatting type white glazed of flush cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with 4" dia C.I trap with C.I thumb. (S.I No:1 (b) i P-No:1)	4802.60	Each	9605
2	2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & l/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern). (S.I No:8 P-No:3).	4253.70	Each	8507
3	2	Add: extra labour for providing and fixing of earthen wire pedestal white or colored glass standard pattern (S.I No:9 P-No:3).	938.47	Each	1877
4	4	P/F in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connection (S.I No:23 P-No:6).	447.15	Each	1789
5	2	P/F 6" x 4" c.c gully trap with 4" dia out let complete with 4" thick 1:2:4 c.c for bed and 1/2" thick cement plaster 1:3 to the kerb c.I caning 6" x 6" and c.I cover and frame 12" x 12" in side etc complete (S.I No:1(a-i) P-No:21).	1193.17	Each	2386
6		RCC pipe with collar class "B" and bedding the traches to the required depth an fixing in positin l/c cutting fitting and jointing with max phalt composition and cemen mortar 1:1 and testing with water pressure to head of 4 Ft aboe the top of the heigh			
	50	4" dia	146.57	Each	7329
	30	6" dia	199.25	Each	5978
7	2	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4. (S.I No.. 20 Page No.3).	2042.43	P.Rft	4085
8		Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and l/c the cost of breaking thorough walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12)			
	100	1/2" dia	73.21	P.Rft	7321
	50	3/4" dia	95.79	P.Rft	4790
	30	1" dia	128.55	P.Rft	3857

Item No.	* Quantities	Description of item to be executed at site	Rate	Units	Amount
	20	1-1/4" dia	153.19	P.Rft	3064
9		Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete			
	100	1/2" dia	7.82	P.Rft	782
	50	3/4" dia	8.45	P.Rft	423
10		Providing and fixing full way gun metal valves with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechanical works (S.I No:4 (b) P-No:17).			
	2	1/2" dia	161.92	Each	324
	2	3/4 dia	227.92	Each	456
11	4	S/F concelled stop cock of superior quality with crystal head head 1/2" dia (S.I No:11 (b) P-No:18).	478.28	Each	1913
12	1	S/F long bib cock of crystal head with c.p head 1/2" dia (S.I No:13 (b) P-No:19).	1109.46	Each	1109
13	1	S./F wash been mixture of superior quality with c.p head 1/2" dia with crystal head (S.I No:16 (b) P-No:15).	2882.00	Each	2882
11	1	S/F Swan type Pillars Cock of supreior quality with arvstal Head.	795.30	Each	795
12		P/F handle values (China) (S.I No:7 P-No:14).			
ii	2	3/4" dia	271.92	Each	544
iii	2	1" dia	365.42	Each	731
13		Supplying & fixing fibre glass tank of approved quality and design and wall thicness as specified l/c cost of nutes, bolts and fixing in plateform of cement concreete 1: 3: 6 and makin connections for in -let ,& ou-let & over flow pipes etc. complete.			
A	1	250 Gallons	21989.61	Each	21990
13	80	S/F Boring	160.00	Each	12800
14	2	Constructiong manhole or inspectionchamb er for the required dia of circular sewer and 3'-6" (1067 mm) dpth with walls of BB in cement motor 1:3 cement plaster 1:3, 1/2' thick inside of walls and 1" (25 mm) thick over benchingh and channel i/c fixing CI manhole cover with fram of clear opening 1-1/2' x 1., 1/2' (457x457 mm) of 1.75 Cwt. (88.9 Kg) embedded in plain C.C 1:2:4 and fixing 1" (25 mm) dia M.S steps 6' (150 mm) waide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE)	14748.00	Each	29496
15		Providing PVC Pipes of class D equalvalent make) fixinbg in trench i/c cutting fitting and jointing with "Z" joint with one rubber Ring i/c testing with water to head of 122 metere or400ft. (S.I.No:3 Page No:23)			
ii	100	3" dia	137.00	Each	13700
iii	10	4" dia	226.00	Each	2260
16	1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and l/c the cost of white/black plastic seat (Best Quality) and lid with c.P brass hineges and buffers, 3 gallons white glazed earthen earthen ware low level foushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia and making requiste number of holes in walls, plinth and floor for Pipe connectios and making good in cement concreete 1: 2: 4. (Foreign Quality).	11477.40	Each	11477
TOTAL :-					162268

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____

Part "B" % Above / Below _____ Total Amount _____

Total "A+B" _____

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>NON SCHEDULE ITEMS</u>					
1	320	Providing & laying floor of Verona marble tiles of size 12" x 12" x ¾" 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 titles, including curring, grinding, rubbing and chemical polishing etc. complete i/c cutting tiles to proper profile.		P.Sft	
				TOTAL :-	

Cost of Bid

Amount


Position

1. (A) Cost Based on Composite Schedule of Rates

2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 SUKKUR

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- PPL Funds @ GPS Jahan Khan Bhangwar Taluka Kashmir

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<i>PART "A" SCHEDULE ITEMS</i>					
1	17	Dismantling cement concrete plain 1:3:6 (C.S.I No. 19 (b) P-10).	1306.80	%Cft	222
2	162	Excavation in foundation of building bridges and other structure including dressing refeling arround structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5).	3176.25	%0Cft	515
3	70	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:4:8 (C.S.I No: 4 (b) Page No:15)	9416.28	%Cft	6591
4	141	Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	%Cft	16847
5	133	Rein forced 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 sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	44821
6	6	Fabrication of Tor steel reinforcecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:8 B P.17).	5001.70	P.Cwt	29700
7	54	Filling watering and raming earth in floor with surplus from foundation lead upto one chain and lift upto 5ft. (C.S.I No: 21 P.4).	1512.50	%0Cft	82
8	50	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	%0Cft	182
9	50	Extra lead five miles	579.41	%Sft	290
10	243	Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	%Cft	30799
11	1190	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 52).	2206.60	%Sft	26259
12	1190	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	26150
13	40	Providing and fixing G.I frames /Chowkates 7"2" or 4 1/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Sft	9156
14	35	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwokaks holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Sft	31603
15	17	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone agreegate without shuttring Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	%Cft	2453
16	220	Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and apttern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slaurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47) .	30509.77	%Sft	67121
17	100	White wash three coats (C.S.I No:26 (c) P-54).	829.95	%Sft	830
18	1190	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	%Sft	5269
19	1190	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	%Sft	12848
20	82	Painting new surface, and paiting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	%Sft	1735
- TOTAL :-					313473

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
PART "B" SCHEDULE ITEMS					
1	2	Providing & fixing squatting type white glazed of flush cisten with internal fitting&flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe conection & making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with 4" dia C.I trap with C.I thumble. (S.I No:1 (b) i P-No:1)	4802.60	Each	9605
2	2	Providing & fixing 22 " x16" lavatory basin in white glazed earthen ware complete with & l/c tge cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coat after a primary coat of red lead paint, of 1/2" dia chrome plated pillar taps, 1-1/2" rubber plug & chrome brass waste of approved pattern, 1-1/4" dia.Malloable iron c.p brass traps, malloable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1 : 2: 4. (Standard pattern).	4253.70	Each	8507
3	2	Add: extra labour for providing and fixing of earthen wire padestle whiute or colored glass standared pattern (S.I No:9 P-No:3).	938.47	Each	1877
4	4	Providing & fixing 6" x 4" C.C gully trap with 4" outlet complete with 4" thick 1: 2: 4 C.C. for bed & 1/2" thick cement plaster (1:3) to the karb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (inside) etc. complete.	1193.17	Each	4773
5	4	P/F in position nyloon connections complete with 1/2"dia brass stop cock with pair of brass nuts and lining joints to nyloon connection (S.I No:23 P-No:6).	447.15	Each	1789
6	20	Providing & fixing 4" dia C.I soil & vent Pipe including cutting and fitting and extra painting to match the colour of building.	333.29	Each	6666
7	2	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4. (S.I No.. 20 Page No.3).	2042.43	P.Rft	4085
8		Providing & fixing full way gun metal balves with wheels, threaded or flabged ends with rubber washing.			
	1	1/2"dia	161.92	Each	162
	1	3/4 dia	227.92	Each	228
9	2	S/Fixing cancealed stop cock of superir quality with c.p head 1/2" dia.	478.28	Each	957
10	2	S/Fixing long bib- cock of superir quality with c.p head 1/2" dia.	1109.46	Each	2219
11	1	Supplying & Fixing swan type piller cock of Superior quality single c.p. head 1/2" dia.	795.30	Each	795
12		P/F handle values (China) (S.I No:7 P-No:14).			
ii	1	3/4" dia	271.92	Each	272
iii	1	1" dia	365.42	Each	365
13		p/f Fiber Glass Tank			
ii	1	250 Gallon	21989.61	Each	21990
14		S/F G.I Pipe			
i	100	1/2" dia	16.01	Each	1601
ii	100	3/4" dia	18.14	Each	1814
iii	50	1" dia	23.02	Each	1151
iv	20	1 1/2" dia	24.80	Each	496
TOTAL :-					69352

Amount Total (CSR)

Part "A" % Above / Below _____


Total Amount _____

Part "B" % Above / Below _____

Total Amount _____

Total "A+B" _____

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 KASHMORE @ KANDHKOT

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- New District ADP 2017-18 Programme @ GBPS Ghulam Muhammad Khoso Taluka Kandhkot (External Development)

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling around structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5.	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortor ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	159	Rein forced 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 sepreately this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	53583
6	8.518	Fabrication of Tor steel reinforcecement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	42604
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortor ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 4 1/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition l/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 " thick including finishing (C.S.I No:37 P-45) .	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" 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 including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47) .	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
				TOTAL :-	564242

PART "B"

1	2	Providing & fixing squatting type white glazed of flush cistern with internal fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connection & making good in cement concrete 1:2:4. W.C not less than 19" clear opening between flushing rims and 3 gallons flushing tank with 4" dia C.I trap with C.I thumb. (S.I No:1 (b) i P-No:1)	4802.60	Each	9605
2	2	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & l/c the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1: 2: 4 (Standard pattern). (S.I No:8 P-No:3).	4253.70	Each	8507
3	2	Add: extra labour for providing and fixing of earthen wire pedestal white or colored glass standard pattern (S.I No:9 P-No:3) .	938.47	Each	1877
4	4	P/F in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connection (S.I No:23 P-No:6).	447.15	Each	1789
5	2	P/F 6" x 4" c.c gully trap with 4" dia out let complete with 4" thick 1:2:4 c.c for bed and 1/2" thick cement plaster 1:3 to the kerb c.I caning 6" x 6" and c.I cover and frame 12" x 12" in side etc complete (S.I No:1(a-i) P-No:21).	1193.17	Each	2386
6		RCC pipe with collar class "B" and bedding the tranches to the required depth and fixing in position l/c cutting fitting and jointing with max phalt composition and cement mortar 1:1 and testing with water pressure to head of 4 Ft above the top of the height			
	50	4" dia	146.57	Each	7329
	30	6" dia	199.25	Each	5978
7	2	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & l/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4. (S.I No.. 20 Page No.3).	2042.43	P.Rft	4085
8		Providing G.I Pipes, specials, and clamps etc, including fixing cutting & fitting complete with and l/c the cost of breaking through walls and roof, making good etc. painting two coats after cleaning the Pipe etc. with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet and handling. (SI No. 1 Page No.12)			
	100	1/2" dia	73.21	P.Rft	7321
	50	3/4" dia	95.79	P.Rft	4790
	30	1" dia	128.55	P.Rft	3857

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
	20	1-1/4" dia	153.19	P.Rft	3064
9		Add : Extra labor for concealed G.I pipe and Fitting i/c making recess in the wall for pipe and making good in Cement motor etc Complete			
	100	1/2" dia	7.82	P.Rft	782
	50	3/4" dia	8.45	P.Rft	423
10		Providing and fixing full way gun metal valves with wheels threaded or flanged ends with rubber washing (b) standared pattern (Note standared Manufacture by M/S Anwar Mechanical works (S.I No:4 (b) P-No:17).			
	2	1/2" dia	161.92	Each	324
	2	3/4 dia	227.92	Each	456
11	4	S/F concelled stop cock of superior quality with crystal head head 1/2" dia (S.I No:11 (b) P-No:18).	478.28	Each	1913
12	1	S/F long bib cock of crystal head with c.p head 1/2" dia (S.I No:13 (b) P-No:19).	1109.46	Each	1109
13	1	S./F wash been mixture of superior quality with c.p head 1/2" dia with crystal head (S.I No:16 (b) P-No:15).	2882.00	Each	2882
11	1	S/F Swan type Pillars Cock of supreior quality with arvstal Head.	795.30	Each	795
12		P/F handle values (China) (S.I No:7 P-No:14).			
ii	2	3/4" dia	271.92	Each	544
iii	2	1" dia	365.42	Each	731
13		Supplying & fixing fibre glass tank of approved quality and design and wall thicness as specified i/c cost of nutes, bolts and fixing in plateform of cement concreete 1: 3: 6 and makin connections for in -let , & ou-let & over flow pipes etc. complete.			
A	1	250 Gallons	21989.61	Each	21990
13	80	S/F Boring	160.00	Each	12800
14	2	Constructiong manhole or inspectionchamb er for the required dia of circular sewer and 3'-6" (1067 mm) dpth with walls of BB in cement motor 1:3 cement plaster 1:3, 1/2' thick inside of walls and 1" (25 mm) thick over benchingh and channel i/c fixing CI manhole cover with fram of clear opening 1-1/2' x 1., 1/2' (457x457 mm) of 1.75 Cwt. (88.9 Kg) embedded in plain C.C 1:2:4 and fixing 1" (25 mm) dia M.S steps 6' (150 mm) waide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C.C dully painted etc. complete as per spacification and drawing (SI No. P Page No. 46). (PHE)	14748.00	Each	29496
15		Providing PVC Pipes of class D equalvalent make) fixingbg in trench i/c cutting fitting and jointing with "Z" joint with one rubber Ring i/c testing with water to head of 122 metere or 400ft. (S.I.No:3 Page No:23)			
ii	100	3" dia	137.00	Each	13700
iii	10	4" dia	226.00	Each	2260
16	1	Providing & fixing European white glazed earthen ware wash down w.c pan complete with and i/c the cost of white/black plastic seat (Best Quality) and lid with c.P brass hineges and buffers, 3 gallons white glazed earthen earthen ware low level foushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia and making requiste number of holes in walls, plinth and floor for Pipe connectios and making good in cement concreete 1: 2: 4. (Foreign Quality).	11477.40	Each	11477
TOTAL :-					162268

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____

Part "B" % Above / Below _____ Total Amount _____

Total "A+B" _____

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>NON SCHEDULE ITEMS</u>					
1	320	Providing & laying floor of Verona marble tiles of size 12" x 12" x 3/4" 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 titles, including curring, grinding, rubbing and chemical polishing etc. complete i/c cutting tiles to proper profile.		P.Sft	
				TOTAL :-	

Cost of Bid

Amount Position

1. (A) Cost Based on Composite Schedule of Rates

2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION
 KASHMORE @ KANDHKOT

BILL OF QUANTITIES

Discription and Rate of Items based on Composite Schedule of Rates

NAME OF WORK :- Construction of 1 Addition Class Room at GPS Soomar Dahani

Item No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
<u>PART "A" SCHEDULE ITEMS</u>					
1	39	Dismantling brick work in lime or cement plaster (C.S.I No:13 P-10).	1285.63	% Cft	501
2	269	Excavation in foundation of building bridges and other structure including dressing refeling around structure with excavated earth watering and ramming lead upto one chain and lift upto 5ft (b) in ordinary soil(C.S.I No:18 (b)P.5).	3176.25	% 0Cft	854
3	116	Cement concrete brick or stone ballast 1 1/2" to 2" guage ratio 1:5:10 (C.S.I No: 4 (c) Page No:15)	8694.95	%Cft	10086
4	318	Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6(C.S.I No:4 (e) P.21).	11948.36	% Cft	37996
5	500	Rein forced 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 sepretely this rate also includes all kinds of forms moulds:lifting shuttering curing rending and finishing the exposed surface (including screening and washing of shingle) (a) RC work in slabe bams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respects. (I)Ratio (1:2:4) 90 Lbs cement 2 Cft. sand 4 Cft . shingle 1/8" to 1/4" guage.(C.S.I No:6 A (1) P.17).	337.00	P.Cft	168500
6	26.786	Fabrication of Tor steel reinfocement for cement concrete including cutting bending and laying in position making joints and fastings including cost of binding wire also includes removal of rust from bars (C.S.I No:7 B P.20).	5001.70	P.Cwt	133974
7	293	Filling watering and raming earth under floor with new earth excavated from outside lead upto on chain and lift upto 5ft. (C.S.I No: 22 P.4).	3630.00	% 0Cft	1064
8	293	Extra Lead for Three Mile	579.41	% Cft	1698
9	312	Pacca brick work in ground floor in cement sand mortar ratio: (C.S.I No: 5 (e) Page No: 21)	12674.36	% Cft	39544
10	648	Cement plaster upto 20' height 1/2" thick rario 1:6 (C.S.I No: 13 (b)Page No: 58).	2206.60	%Sft	14299
11	648	Cement plaster upto 20' height 3/8" thick rario 1:4 (C.S.I No: 11 (a) Page No: 52).	2197.52	%Sft	14240
12	376	Cement pointing strucking of joints of walls ratio 1:2 (C.S.I No: 19 (a) Page. 53)	1287.44	%Sft	4841
13	255	Providing and lying 2" thick topping cement concrete 1:2:4. Including surface finishing dividing into panels(C.S.I No:16 (c) P-42) .	3275.50	% Sft	8353
14	53	Providing and fixing G.I frames /Chowkates 7"2" or 4 1/2" x 3" for door using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hols fast filling with cement sand slurry of ration 1:6 and repairing the jambs. Cost also i/c all carrage tools and plants used in making and fixing (C.S.I No:29 P.93).	228.90	P.Rft	12132
15	38	First class deodar wood wrought joinery in doors and windos etcfied inosition I/c in chwoakts holds fasts hings iron tower bolts chowks cleats handles and cards with hooks etc Deodar paneled or paned are fully glazed 1/3/4"only shutter (C.S.I No:7 (b) P.58).	902.93	P.Rft	34311

Lem No.	Quantities	Description of item to be executed at site	Rate	Units	Amount
16	82	Cement Concrete plain including placing compacting finishing and curing complete including screening complete and washing of stone aggregate without shuttering Ratio: 1:2:4. (C.S.I No. 5 (f) Page No:16)	14429.25	% Sft	11832
17	520	White glazed tile 14" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 " thick including finishing (C.S.I No:37 P-45) .	28253.61	% Sft	146919
18	356	Providing and laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and aptern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting tiles to proper profile. (C.S.I No:60 P-47) .	30509.77	% Sft	108615
19	480	White wash three coats (C.S.I No:26 (c) P-54).	829.95	% Sft	3984
20	972	Primary coat of chalk under destember (C.S.I No:23 P-54).	442.75	% Sft	4304
21	972	Destember three coats (C.S.I No:24 (c) P-54).	1079.65	% Sft	10494
22	94	Painting new surface, and painting of doors and windows any type (i/c edges) 3 coats (C.S.I No:4 (c) P-76).	2116.41	% Sft	1989
				TOTAL :-	770529

Amount Total (CSR)

Part "A" % Above / Below _____ Total Amount _____

Total "A" _____

NON SCHEDULE ITEMS

1	320	Providing & laying floor of Verona marble tiles of size 12" x 12" x 3/4" 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 titles, including curring, grinding, rubbing and chemical polishing etc. complete i/c cutting tiles to proper profile.		P.Sft	
				TOTAL :-	

Cost of Bid

Amount Position

1. (A) Cost Based on Composite Schedule of Rates

2. (B) Cost Based on Non/Offered Schedule of Rates

TOTAL COST OF BID (C) = TOTAL (A) + TOTAL (B)

CONTRACTOR

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
KASHMORE @ KANDHKOT