

**GOVERNMENT OF PAKISTAN**  
**PAKISTAN PUBLIC WORKS DEPARTMENT**

NO.EE.CCD.III/AB/217

Dated. 10 /05/2024.

To,


The Director,  
Press Information Department,  
Government of Pakistan Quetta.  
Ph:0819203424

Subject: - **ADVERTISEMENT OF TENDER NOTICE.**

Enclosed please find herewith Notice inviting tender for publication in daily leading News papers (one Urdu and one English).

The bill in triplicate along with copies of newspapers and PPRA's copy of uploading in which insertion is made, may be submitted to this office for payment.

Encl: - as above.

  
**Executive Engineer,  
Central Civil Division No. III,  
Pakistan P.W.D., Quetta,  
Ph: No: 081-9211102.**

Copy to: -

1. The Chief Engineer (W) Pak PW D Quetta.
2. The Superintending Engineer (QS), Director General's Office, Pak PWD Islamabad.
3. The Superintending Engineer, Central Civil Circle, Pak PWD Quetta.
4. PPRA, G-5/2 Islamabad/Website (by fax)
5. The Divisional Accounts Officer of this office.
6. Notice Board

  
**EXECUTIVE ENGINEER.**

Submission of application.



**GOVERNMENT OF PAKISTAN**  
**PAKISTAN PUBLIC WORKS DEPARTMENT**

No. EE CCD-III/AB/2/7

Dated: 10/05/2024.

**TENDER NOTICE**

Tenders are hereby invited in sealed covers from approved Government contractors who have the relevant field of specialization and dully registered/ renewed their enlistment for 2023-24 with Pakistan Engineering Council, in relevant category. The schedule for the purchase of bidding documents, and submission / opening of Bids shall be as quoted below.

- v. Submission of Application with documents quoted below up to: 24-05-2024 (Office Hours)  
vi. Issuance of Bidding documents on: 27-05-2024 (Office Hours)  
vii. Submission of Bids on: 28-05-2024 (till 12.00 PM)  
i. Opening of Bids on: 28-05-2024 (at 1.00 PM)

S. No	Name of works	Estimated cost	Earnest money	Cost of Tender
1	Construction for Drainage of Storm water at DLA Kuchlak.	14602495.00	03% of Bid amount	5000.00
2.	Construction of College Building for Girls College at Kachi Baig Sariab road Quetta. (SH: Teachers Hostel First Floor)	64269284.00	03% of Bid amount	5000.00
3.	Construction of College Building for Girls College at Kachi Baig Sariab road Quetta. (SH: Cafeteria /Canteen)	17757698.00	03% of Bid amount	5000.00


**Note** In case of any un avoidable situation the second schedule of submission / opening of Bids shall be as

- iii. Submission of Bids on: 03-06-2024 (till 12.00 PM)  
iv. Opening of Bids on: 03-06-2024 (at 1.00 PM)

**TERMS & CONDITIONS:-**

1. Application for purchase of tenders on printed letter head of firm/contractor.
2. Attested copies of partnership deed, power of attorney / affidavit in favour of any individual authorized to receive / submit tender documents.
3. The tender shall be issued only to the authorized representative of the firm having legal authority letter/power of attorney in case of firm the applicant shall have to produce partnership deed duly registered with the court of law.
4. No tenders will be sold by post or on the date of opening of tender.
5. Earnest money as specified above @03% of the Bid amount as provided in PPRA Rule-25 in the shape of call deposit, with any local Government approved bank pledged in favour of the Executive Engineer Central Civil Division No-III Pak PWD Quetta..
6. NTN should be produced at the time of purchase of tender.
7. Experience Certificate in relevant field and three work orders of the Projects completed by the firm during the last 05 years and three work orders of ongoing Projects of the same worth for which the firm applied at the time of purchase of tender.
8. The competent authority reserves the right to accept or reject any or all tenders by quoting reasons as per provision of PPRA rules-33 (1), (2) and (3) of 2004.
9. Authority letters for any representative of firm by Chief Executive of the firm / company.
10. Each page of the bid must be signed with stamp of company.
11. Those Contractors who have quoted abnormally below rates as compared with Engineers estimate they will furnish an additional CDR equal to the difference of cost along with rate analysis to protect employers interest.
12. List of machinery equipment and technical staff working with firm along with documents.
13. The affidavit on stamp paper of Rs:100/- certifying that the firm has not been ever black listed by the Government / Autonomous body.
14. An affidavit regarding authenticity of all information provided for purchase of tenders should be enclosed with the documents if any information is found incorrect fake or forged the tender of the firm will be cancelled and legal action will be taken against the firm.
15. Financial soundness certificate of the Firm from authorized Bank, last 03 years turn over certificate, issued by the Bank along with last 03 years audit report of the firm dully verified/issued by a CA Firm must be attached with the application.
16. **Tender Notice can also be seen on PPRA web site i.e. [www.ppra.org.pk](http://www.ppra.org.pk)**
17. Notice Board.

**Note. All the documents required as mentioned above should be provided at the time of submission of application.**

  
(Aminullah Khan)  
Executive Engineer  
Central Civil Division No-III  
Pak PWD Quetta.



**CONSTRUCTION FOR DRAINAGE OF STORM WATER AT DLA KUCHLAK**

S.NO	SI No	DESCRIPTION	Revised Pc-1			
			QTY	RATE	UNIT	AMOUNT
<b>SH: 1 Road</b>						
1	102/5	Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	38000.00	332.50	%Sft	126,350.00
2	127/29	Supplying and laying machine crushed 2-1/2" to 3/4" (64 mm to 19 mm) stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including watering with all lead and lift complete (actual compacted depth shall be considered for payment)	32325.00	8,261.52	%Cft	2,670,536.34
3	127/66	Providing and laying 2" (51 mm) consolidated thickness of asphalt concrete using liquid asphalt (cutbacks) of any approved grade with pre-mixed coarse sand flushing using 3-1/2 Lbs. cut-backs per Cft. of 3/4" standard size crushed stone ballast @ 16 Cft. %Sft. and 8 Lbs. of cut-backs per Cft. of coarse sand at 8 Cft. %Sft. for asphalt concrete (56.06 Kg. per Cum of 19 mm standard size stone Ballast @ 0.049 Cum per Sq.m. and 128.14 Kg. per Cum of coarse sand at 0.024 Cum per Sq.m.) for asphaltic concrete, sand flushing with 2 Cft. of sand mixed with 16 Lbs. of cut-backs %Sft. of road surface including 5 Lbs of cut-back %Sft. (0.006 Cum of sand mixed with 0.78 Kg. of cut-backs per Sq.m. including 0.024 Kg. of cut-backs per Sq.m. of road surface) for painting edging complete with rolling .	43100.00	9,769.70	%Sft	4,210,740.70
<b>SH: 2 Road Structure</b>						
1	314/11	Providing RCC pipes and collars of class 'A' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water to a head of 4 feet (1.22 m) above the top of the highest pipe including cartage within 10 miles (16.09 km.) <b>24 Inches (610 mm) dia pipe</b>	48.00	879.35	P.Rft	42,208.80
2	105/8	Providing and laying 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using graded gravel (bajri) 1inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	1910.71	31,045.44	%Cft	593,187.70
3	103/1	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	3912.00	1,624.63	%Cft	63,555.53
4	105/14+1 05/27	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded bolders 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	1889.00	24,504.59	%Cft	462,891.71
5	114/2 + 114/136	Providing and laying reinforced cement concrete using crushed graded bolders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in raft or strip foundation with columns and pillars, of any shape including form work and its removal, compacting, leveling and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth	398.00	33,203.65	%Cft	132,150.53
6	114/9 + 114/136	Providing and laying reinforced cement concrete using crushed graded bolders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in straight walls more than 6 inches (152 mm) thick including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth	586.00	45,556.44	%Cft	266,960.74

	106/5	Providing and laying <b>in situ 1:2:4</b> (1 cement 2 sand and 4 coarse aggregate) cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge <b>in foundation, basement and plinth</b> including form work, compacting, curing and removal of form work etc. complete, foundation and basement up to 5 feet depth (1.52 m) and plinth up to 4 feet (1.2 m) height from ground level .	6442.50	38612.2	%Cft	2,487,590.99
8	114/57 + 114/136	Providing and laying reinforced cement concrete using crushed graded bolders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 <b>in ordinary slab</b> more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..	320.00	43,716.64	%Cft	139,893.25
<b>Tuff Tile</b>						
1	102/5	Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	4000.00	332.50	%Cft	13,300.00
2	127/94	Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete .	1000.00	27,877.27	%Cft	278,772.70
3	117/177	Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattern (average strength 7000 psi) laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included)	4000.00	135.13	p Sft	540,520.00
4	115	Providing and laying road kerb of precast cement concrete 1:2:4 (24" long 6" wide and 12" deep (610 mm long 152 mm wide and 305 mm deep) using screened graded bajri, form work and its removal compacting and curing laid in cement mortar 1:4 and cement plaster 1:4 neatly finished including cost of excavation and back filling of excavated stuff and its disposal within one chain lead as desired.	200.00	33,910.87	%Rft	67,821.74
5	114/166	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	8872.42	282.45	P.Kg	2,506,013.90
<b>Total Amount</b>						<b>14,602,495.00</b>

  
 Asstt: Executive Engineer-I  
 Central Civil Division No:III  
 Pak PWD, Quetta.



S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
1		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in super structure				
		up to door bend level	819.00			
		up to roof beam level	175.50			
	24/114+ 136/114 + 92/114	FIRST FLOOR	994.50	%CFT	55510.13	552048.24
2		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in vertical walls more than 6" thick including formwork compacting curing and removal of form work, including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement				
	30/114+ 136/114 + 92/114	FIRST FLOOR	0.00	%CFT	50294.24	0.00
3		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in straight beams, lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth				
		DOOR LINTALES / DOOR BEND				
	38/114+ 136/114+ 92/114	FIRST FLOOR	1091.07	%CFT	50134.35	547002.73
4		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in beams of required shaps or section including form work and its removal compacting and curing but excluding the cost of reinforcement.				
		ROOF BEAM				
	38/114+ 136/114+ 92/114	FIRST FLOOR	5829.00	%CFT	50134.35	2922330.01
5		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in stair of any shape or section including form work and its removal compacting and curing in basement and ground floor but excluding the cost of reinforcement .				
	50/114+ 136/114+92 /114	FIRST FLOOR	360.00	%CFT	60641.49	218309.36
6		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 20 days) in slab 5" to 6" thickness including form work and its removal compacting and curing in basement and ground floor but excluding the cost of reinforcement .				

TEACHER HOSTEL ( first floor )  
( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 & MARKET RATES )

CIVIL WORKS

ABSTRACT SHEET

1ST FLOOR

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
	56/114 + 136/114+92 /114	FIRST FLOOR	7110.00	%CFT	48398.23	3441114.15
7		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in ordinary cantilevered slab, horizontal sun-shade or chajja tapered or straight average 3 inches (76 mm) to less than 5 inches (127 mm) thick including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..				
	59/114 + 136/114+92 /114	FIRST FLOOR	311.52	%CFT	55468.21	172794.57
8		Providing and laying reinforced first class solid burnt brick masonry in Ouetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking out joints curing etc. complete but excluding cost of reinforcement in ground floor superstructure 9" to 13-1/2 (229 mm to 232 mm) thick walls				
		up to door bend level	11634.53			
		up to roof beam level	3097.72			
	120/112- 127/112-12 4/112	FIRST FLOOR	14732.25	%CFT	49359.88	7271822.77
9		Providing and laying reinforced first class solid burnt brick masonry in quetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking, out joints, curing etc. complete but excluding the cost of reinforcement in ground floor superstructure walls 4-1/2 (114 mm) or less in thickness				
		up to door bend level	259.88			
		up to roof beam level	89.44			
	121/112- 127/112+12 4/112	FIRST FLOOR	349.31	%CFT	52874.60	184697.59
10		19mm (3/4") thick cement plaster 1:4 cement mortar ratio on wall and columns including making edges corner and curing on external side				
	8/122+ 88/122	FIRST FLOOR	284.00	%SFT	5745.06	16315.97
11		1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc. complete.				
	2/122+ 87/122	FIRST FLOOR	10278.56	%SFT	4160.09	427597.35
12		1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.				
	4/122+ 87/122	FIRST FLOOR	27781.75	%SFT	4791.84	1331257.01
13		Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.				
	7/117+26/1 17	FIRST FLOOR	7289.74	%SFT	10298.79	750755.01
14		Providing and laying 5 mm glass patties (panel strips) upto 1" (25 mm) depth in floor and dado of any description in all floors.				
	168/124	FIRST FLOOR	3644.87	%RFT	2831.00	103186.27



TEACHER HOSTEL ( first floor )  
 ( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 & MARKET RATES )  
 CIVIL WORKS

ABSTRACT SHEET  
 1ST FLOOR

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
15		Providing and laying floor of 6mm (approx: 1/4") thick coloured glazed tiles more then 1 sft upto 2 sft of master make (Pakistan) first grade in ground floor laid over 1" (25mm) thick cement mortar 1:2 (1 cement and 2 sand) including jointing and washing the tiles with white cement slurry a matching colour (by using pigment in white cement) and curing etc. complete.				
	83/117+ 89/117	FIRST FLOOR	1034.56 ✓	%SFT	42,702.36	441781.54
16		Providing and laying floor of 3/4 inch (19 mm) thick white marble tiles more then 1sft up to 3 sft size fine dressed on the surface without windings in ground floor and laid over 1 inch (25 mm) thick 1:4 cement mortar setting the tiles with grey cement slurry over lime mortar, jointing & washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete, including the cost of mortar.				
	38/117+ 76/117 + 79/117	FIRST FLOOR	954.50 ✓	%SFT	42,665.25	407239.81
17		Providing and laying floor of 1 inch (25 mm) thick white marble tiles more then 1sft up to 5 sft size fine dressed on the surface without windings in ground floor and laid over 1 inch (25 mm) thick 1:4 cement mortar setting the tiles with grey cement slurry over lime mortar, jointing & washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete, including the cost of mortar. ( for stairs / steps ) in tread and riser and mid stair landing.				
	38/117+ 76/117 + 79/117	FIRST FLOOR	360.00 ✓	%SFT	82,348.38	296454.17
18		Providing and fixing 1/4"(6mm approx.) thick of approved Pakistani make white / coloured glazed tiles from 1.5 sft to 3 sft size in dado and skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curling and cleaning etc. complete				
	41/118 +49/118	FIRST FLOOR	5650.96 ✓	%SFT	32,261.22	1823068.64
19		Providing and fixing 3/8 inch (9.5 mm) thick white marble tiles above 144 Sq. inches size fine dressed on the surface without windings in dado and skirting and facing etc. in ground floor over 1/2 inch (13 mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry curing, finishing, cleaning and polishing etc. In Internal work complete...				
	16/118+ 28/118	FIRST FLOOR	1292.03 ✓	%SFT	31,028.63	400899.21
20		Providing and fixing machine made gutca brick tile facing 1-1/2" to 2" thick in cement mortar 1:3 in cement pointed in deep cut grooves and in any pattern as per direction of the engineer including in any floor in any height				
	88/118+94/ 118	FIRST FLOOR	2200.00 ✓	%SFT	31,019.73	682434.06
21		Providing and fixing fully champagne anodized or Powder Coated aluminium Swing door with frame as per British standard manufactured by Lucky,prime ,chawala, Krudson, Pakistan cable . (fixing through their approved fabrocaters), Deluxe model section, 101.6mm x 44.5mm and 1.6mm thick including the aluminium fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge,, but including the cost of 5mm tinted glass panes etc				
	86/119 +121/119	FIRST FLOOR	51.00 ✓	%SFT	241245.00	123034.95

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
22		Providing and fixing fully glazed double leaf hung steel windows and ventilators made to crittal or equivalent standard and of approved sections painted with two coats of red oxide paint including using approved brass section oxidized fitting, iron lugs, cutting holes and making good damages to walls etc. complete as required in any floor..				
	25/119 +120/119	FIRST FLOOR	2796.00	%SFT	145089.00	4056688.44
23		Providing and fixing iron grills with required section of angle iron grill with required section of angle iron and MS square bars as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws painting two coats of red oxide paint etc , complete as required in any floor in masonry or concrete work				
	32/119	FIRST FLOOR	2796.00	KG	295.56	826377.37
24		Providing and fixing M.S. moulded steel door frames of 10" x 2-1/2" manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a double rebate size 1-1/2" x 1/2" (38 mm x 12 mm) provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge				
	45/119	FIRST FLOOR	684.00	%RFT	69386.00	474600.24
25		Providing and fixing M.S. moulded steel door frame of 4" x 2-1/2" (102 mm x 64 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a single rebate size 1-1/2" x 1/2" (38 mm x 13 mm) with provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm), (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 No., 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs, of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge				
	43/119	FIRST FLOOR	198.00	%RFT	39351.00	77914.98
26		Providing and fixing solid core 1st class deodar wood veneered flush door shutters, 1-1/2 inches (38 mm) thick with and including the cost of commercial veneer facing 3 mm. thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, i/c., 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of approved iron fittings but excluding the cost of handles and locking arrangement.				
	64/120	FIRST FLOOR	1176.00	%SFT	144856.00	1703506.56
27		Providing and fixing 1-1/2 inch (38 mm) thick best quality deodar wood shutters fully panelled with same wood, approved iron hinges and tower bolts, etc., as required..				
	22/120	FIRST FLOOR	70.00	%SFT	192653.00	134857.10
28		Providing and fixing 1-1/2 inches (38 mm) thick fully striped glazed shutters in best quality deodar wood with plain glass panes 24 oz (7.3 kg/SM) with approved iron hinges, tower bolts, deodar wood beading and putty packing to glasses etc., as required .				
	75/120	FIRST FLOOR	202.50	%SFT	157585.00	319109.63



S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
29		Providing and fixing 1-1/2 inches (38 mm) thick best quality deodar wood wire gauze shutters fully wire gauzed with galvanized iron wire gauze of 24 gauge and 12 mesh to an inch (25 mm) with approved iron butt hinges, spring hinges, tower bolts etc., as required.	✓		✓	✓
	129/120	FIRST FLOOR	882.00	%SFT	143893.00	1269136.26
30		Providing and fixing approved brass sliding bolts or aldrops bolts 10" x 5/8" (254 mm x 16 mm) size with necessary brass screws and iron bolts and nuts	✓		✓	✓
	124/121	FIRST FLOOR	51.00	NO	2606.80	132946.80
31		Providing and fixing with C.P. brass screws main door handle type yale lock (Italy make) of approved design, cutting wood etc., to required size, with two operating keys, as per direction of the engineer-in-charge.	✓		✓	✓
	52/121	FIRST FLOOR	39.00	NO	15899.38	620075.82
32		Providing and fixing with brass screws carona bath latch lock of approved design and colour (No. 25011), (Japan make), cutting wood to required shape and size with two operating keys as per direction of the Engineer-in-Charge	✓		✓	✓
	61/121	FIRST FLOOR	12.00	NO	3024.38	36292.56
33		Providing and fixing approved brass handles 5" (127 mm) size heavy type with necessary brass screws.	✓		✓	✓
	160/121	FIRST FLOOR	51.00	NO	357.74	18244.74
34		Providing and fixing with C.P. brass screws dado main door lock with handle (USA make) of approved design, cutting wood etc., to required size, with two operating keys as per direction of the Engineer-in-Charge.	✓		✓	✓
	53/121	FIRST FLOOR	2.00	NO	29649.38	59298.76
35		Providing and fixing with brass screws or specially supplied screws hydraulic door closer of approved design No. 5002, Japan make, cutting wood etc., to required shape and size as per direction of the engineer-in-charge	✓		✓	✓
	71/121	FIRST FLOOR	2.00	NO	9456.25	18912.50
36		Providing and fixing best quality deodar wood built in frame with 1/2 inch (13 mm) thick deodar wood beading as stopper for doors, windows, ventilators, clerestory, windows, shelves, partitions, trellis work, etc., as required	✓		✓	✓
	7/120	FIRST FLOOR	9.58	%CFT	1408890.00	135018.63
37		Providing and fixing hot dipped galvanized fully glazed single leaf steel doors made to critical or equivalent standard and of approved sections using approved brass section oxidized fittings, iron lugs, including cutting holes and making good damages to walls etc. complete in any floor.	✓		✓	✓
	1/119	FIRST FLOOR	0.00	%SFT	160766.00	0.00
38		Providing and fixing 2 inch dia stainless steel pipe ( 18 gauge) railing along with 4 nos ,3/4" dia parallel pipe having S/S pipe vertical post 2" dia at 3 ft C/C avg spacing and 4" dia vertical post at start turning and end point including cost of labour , welding charges fitting & fixing in marble floor and wall etc complete as per direction of the engineer incharge etc	✓		✓	✓
	.33/119	FIRST FLOOR	48.00	RFT	893.60	42892.80
39		Providing and fixing 2 inch dia stainless steel pipe ( 18 gauge) railing along with 4 nos ,3/4" dia parallel pipe having S/S pipe vertical post 2" dia at 3 ft C/C avg spacing and 4" dia vertical post at start turning and end point including cost of labour , welding charges fitting & fixing in marble floor and wall etc complete as per direction of the engineer incharge etc	✓		✓	✓
	.202/124	FIRST FLOOR	20.00	RFT	2234.38	44687.60
40		Providing and fixing gypsum board 12mm thick , fixed with gl hanging approved suspension system & joint taping etc, complete in all respect as per specification shown on the drawings ( elephant / DFB/Lodhia Gypsum Industries ) (PVT) Ltd or equivalent	✓		✓	✓
	.208/124	FIRST FLOOR	14220.00	SFT	276.25	3928275.00
41		Distempering with vinyl distemper (ICI) Dulux Paintex of approved make and shade in two coats over and including the cost of wall putti, sand papering dusting and filling the hole , cracks and inequalities, if any, at any height in any floor.	✓		✓	✓
	151/122	FIRST FLOOR	10204.00	%SFT	3401.25	347063.55

TEACHER HOSTEL ( first floor )  
( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 & MARKET RATES )

CIVIL WORKS

ABSTRACT SHEET

1ST FLOOR

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
42		Painting with ICI dulux plastic emulsion paint VIP of approved shade two coats over and including the cost of wall putti/priming coat complete over plastered surface at any height in any floor				
	162/122	FIRST FLOOR	27781.75	%SFT	6737.38	1871762.07
43		Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.				
	172/122	FIRST FLOOR	1414.00	%SFT	4408.75	62339.73
44		Painting iron work with enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.				
	158/122	FIRST FLOOR	6394.62	%SFT	5819.10	372109.33
45		Painting wood work with super glass enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.				
	156/122	FIRST FLOOR	2646.00	%SFT	5624.86	148833.80
46		Providing and fixing ward robe 24" deep consisting 19mm thick laminated sheet on bottom, top sides partition, shelves & shutter etc and 4 mm thick pressed on back side 2-1/2"x1-1/4" best quality deodar wood frame and all open edges filled 3/4" molding PVC gola complete i/c cost of glue iron nails screws heavy type piano hinges 1/2" handle catcher, looks etc, complete the as per direction of the engineer incharge etc				
	.207/124	FIRST FLOOR	64.00	SFT	1289.74	82543.36
47		Providing and fixing kitchen floor cabinet making of shutter board box & 3/4 inch high gloss laminated lasni shutter PVC beading deodar wooden frame 2.5"x 1.25" size making tray drawer of approved design etc, fixed with rawal plug, screws including cost of glue, rail, hinges, handles etc as per drawing complete in all respect				
	.209/124	FIRST FLOOR	42.00	sft	1582.87	66480.54
			TOTAL AMOUNT SCHEDULE ITEMS			38964111.56
48		<b>STEEL REINFORCEMENT</b>				
		Providing and laying hard grade ribbed deform (minimum yield point 60000 psi) reinforcement bars with and including the cost of strengthening cutting bending binding wastage and such over laps as are not shown in the drawings, placing in position in cement concrete 1:2:4 precast or m.s chair tying with binding wire cost of chairs and wires etc in all kind of RCC works in foundation basement, plinth and ground floor of building including septic tank and under ground tank and in projections for further extension				
	166/114+174/114	FIRST FLOOR	64.39	TON	286890.00	18471888.89
			TOTAL AMOUNT SCHEDULE ITEMS ( STEEL ITEMS )			18471888.89

  
Assistantt: Executive Engineer-II  
Central Civil Division No:III  
Pak PWD, Quetta.



S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
1		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in super structure				
		up to door bend level	819.00			
		up to roof beam level	175.50			
	24/114+ 136/114 + 92/114	FIRST FLOOR	994.50	%CFT	55510.13	552048.24
2		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in vertical walls more than 6" thick including formwork compacting curing and removal of form work, including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement				
	30/114+ 136/114 + 92/114	FIRST FLOOR	0.00	%CFT	50294.24	0.00
3		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in straight beams, lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth				
		DOOR LINTALES / DOOR BEND				
	38/114+ 136/114+ 92/114	FIRST FLOOR	1091.07	%CFT	50134.35	547002.73
4		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in beams of required shaps or section including form work and its removal compacting and curing but excluding the cost of reinforcement				
		ROOF BEAM				
	38/114+ 136/114+ 92/114	FIRST FLOOR	5829.00	%CFT	50134.35	2922330.01
5		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in stair of any shape or section including form work and its removal compacting and curing in basement and ground floor but excluding the cost of reinforcement .				
	50/114+ 136/114+92 /114	FIRST FLOOR	360.00	%CFT	60641.49	218309.36
6		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in slab 5" to 6" thickness including form work and its removal compacting and curing in basement and ground floor but excluding the cost of reinforcement .				

EACHER HOSTEL ( first floor )

( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 &amp; MARKET RATES)

CIVIL WORKS

ABSTRACT SHEET

1ST FLOOR

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
	56/114 + 136/114+92 /114	FIRST FLOOR	7110.00	%CFT	48398.23	3441114.15
7		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in ordinary cantilevered slab, horizontal sun-shade or chajja tapered or straight average 3 inches (76 mm) to less than 5 inches (127 mm) thick including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..				
	59/114 + 136/114+92 /114	FIRST FLOOR	311.52	%CFT	55468.21	172794.57
8		Providing and laying reinforced first class solid burnt brick masonry in Quetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking out joints curing etc. complete but excluding cost of reinforcement in ground floor superstructure 9" to 13-1/2 (229 mm to 232 mm) thick walls				
		up to door bend level	11634.53			
		up to roof beam level	3097.72			
	120/112- 127/112+12 4/112	FIRST FLOOR	14732.25	%CFT	49359.88	7271822.77
9		Providing and laying reinforced first class solid burnt brick masonry in quetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking, out joints, curing etc. complete but excluding the cost of reinforcement in ground floor superstructure walls 4-1/2 (114 mm) or less in thickness				
		up to door bend level	259.88			
		up to roof beam level	89.44			
	121/112- 127/112+12 4/112	FIRST FLOOR	349.31	%CFT	52874.60	184697.59
10		19mm (3/4") thick cement plaster 1:4 cement mortar ratio on wall and columns including making edges corner and curing on external side				
	8/122+ 88/122	FIRST FLOOR	284.00	%SFT	5745.06	16315.97
11		1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc., complete.				
	2/122+ 87/122	FIRST FLOOR	10278.56	%SFT	4160.09	427597.35
12		1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.				
	4/122+ 87/122	FIRST FLOOR	27781.75	%SFT	4791.84	1331257.01
13		Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.				
	7/117+26/1 17	FIRST FLOOR	7289.74	%SFT	10298.79	750755.01
14		Providing and laying 5 mm glass pattles (panel strips) upto 1" (25 mm) depth in floor and dado of any description in all floors.				
	168/124	FIRST FLOOR	3644.87	%RFT	2831.00	103186.27



TEACHER HOSTEL ( first floor )

( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 &amp; MARKET RATES)

CIVIL WORKS

ABSTRACT SHEET

1ST FLOOR

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
15		Providing and laying floor of 6mm (approx: 1/4") thick coloured glazed tiles more then 1 sft upto 2 sft of master make (Pakistan) first grade in ground floor lald over 1" (25mm) thick cement mortar 1:2 (1 cement and 2 sand) including jointing and washing the tiles with white cement slurry a matching colour (by using pigment in white cement) and curing etc. complete.	✓	✓	✓	✓
	83/117+ 89/117	FIRST FLOOR	1034.56	%SFT	42,702.36	441781.54
16		Providing and laying floor of 3/4 inch (19 mm) thick white marble tiles more then 1sft up to 3 sft size fine dressed on the surface without windings in ground floor and lald over 1 Inch (25 mm) thick 1:4 cement mortar setting the tiles with grey cement slurry over lime mortar, jointing & washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete, include the cost of mortar.	✓	✓	✓	✓
	38/117+ 76/117 + 79/117	FIRST FLOOR	954.50	%SFT	42,665.25	407239.81
17		Providing and laying floor of 1 Inch (25 mm) thick white marble tiles more then 1sft up to 5 sft size fine dressed on the surface without windings in ground floor and laid over 1 inch (25 mm) thick 1:4 cement mortar setting the tiles with grey cement slurry over lime mortar, jointing & washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete, including the cost of mortar. ( for stairs / steps ) in tread and riser and mid stair landine	✓	✓	✓	✓
	38/117+ 76/117 + 79/117	FIRST FLOOR	360.00	%SFT	82,348.38	296454.17
18		Providing and fixing 1/4"(6mm approx.) thick of approved Pakistani make white / coloured glazed tiles from 1.5 sft to 3 sft size in dado and skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curing and cleaning etc. complete	✓	✓	✓	✓
	41/118 +49/118	FIRST FLOOR	5650.96	%SFT	32,261.22	1823068.64
19		Providing and fixing 3/8 inch (9.5 mm) thick white marble tiles above 144 Sq. inches size fine dressed on the surface without windings in dado and skirting and facing etc. in ground floor over 1/2 Inch (13 mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base Including filling the joints and washing the tiles with white cement slurry curing, finishing, cleaning and polishing etc. in internal work complete...	✓	✓	✓	✓
	16/118+ 28/118	FIRST FLOOR	1292.03	%SFT	31,028.63	400899.21
20		Providing and fixing machine made gutca brick tile facing 1-1/2" to 2" thick in cement mortar 1:3 in cement pointed in deep cut grooves and in any pattern as per direction of the engineer including in any floor in any height	✓	✓	✓	✓
	88/118+94/ 118	FIRST FLOOR	2200.00	%SFT	31,019.73	682434.06
21		Providing and fixing fully champagne anodized or Powder Coated aluminium Swing door with frame as per British standard manufactured by Lucky,prime ,chawala, Krudson, Pakistan cable . (fixing through their approved fabrocaters), Deluxe model section, 101.6mm x 44.5mm and 1.6mm thick Including the aluminium fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge,, but including the cost of 5mm tinted glass panes etc	✓	✓	✓	✓
	86/119 +121/119	FIRST FLOOR	51.00	%SFT	241245.00	123034.95

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
22		Providing and fixing fully glazed double leaf hung steel windows and ventilators made to crittal or equivalent standard and of approved sections painted with two coats of red oxide paint including using approved brass section oxidized fitting, iron lugs, cutting holes and making good damages to walls etc. complete as required in any floor..	✓	✓	✓	✓
	25/119 +120/119	FIRST FLOOR	2796.00	%SFT	145089.00	4056688.44
23		Providing and fixing iron grills with required section of angle iron grill with required section of angle iron and MS square bars as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws painting two coats of red oxide paint etc. complete as required in any floor in masonry or concrete work	✓	✓	✓	✓
	32/119	FIRST FLOOR	2796.00	KG	295.56	826377.37
24		Providing and fixing M.S. moulded steel door frames of 10" x 2-1/2" manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a double rebate size 1-1/2" x 1/2" (38 mm x 12 mm) provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	✓	✓	✓	✓
	45/119	FIRST FLOOR	684.00	%RFT	69386.00	474600.24
25		Providing and fixing M.S. moulded steel door frame of 4" x 2-1/2" (102 mm x 64 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a single rebate size 1-1/2" x 1/2" (38 mm x 13 mm) with provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm), (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 No., 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs, of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	✓	✓	✓	✓
	43/119	FIRST FLOOR	198.00	%RFT	39351.00	77914.98
26		Providing and fixing solid core 1st class deodar wood veneered flush door shutters, 1-1/2 inches (38 mm) thick with and including the cost of commercial veneer facing 3 mm. thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, 1/c., 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of approved iron fittings but excluding the cost of handles and locking arrangement.	✓	✓	✓	✓
	64/120	FIRST FLOOR	1176.00	%SFT	144856.00	1703506.56
27		Providing and fixing 1-1/2 inch (38 mm) thick best quality deodar wood shutters fully panelled with same wood, approved iron hinges and tower bolts, etc., as required..	✓	✓	✓	✓
	22/120	FIRST FLOOR	70.00	%SFT	192653.00	134857.10
28		Providing and fixing 1-1/2 inches (38 mm) thick fully striped glazed shutters in best quality deodar wood with plain glass panes 24 oz (7.3 kg/SM) with approved iron hinges, tower bolts, deodar wood beading and putty packing to glasses etc., as required .	✓	✓	✓	✓
	75/120	FIRST FLOOR	202.50	%SFT	157585.00	319109.63



S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
29		Providing and fixing 1-1/2 inches (38 mm) thick best quality deodar wood wire gauze shutters fully wire gauzed with galvanized iron wire gauze of 24 gauge and 12 mesh to an inch (25 mm) with approved iron butt hinges, spring hinges, tower bolts etc., as required.	✓	✓	✓	✓
	129/120	FIRST FLOOR	882.00	%SFT	143893.00	1269136.26
30		Providing and fixing approved brass sliding bolts or aldrops bolts 10" x 5/8" (254 mm x 16 mm) size with necessary brass screws and iron bolts and nuts	✓	✓	✓	✓
	124/121	FIRST FLOOR	51.00	NO	2606.80	132946.80
31		Providing and fixing with C.P. brass screws main door handle type yale lock (Italy make) of approved design, cutting wood etc., to required size, with two operating keys, as per direction of the engineer-in-charge.	✓	✓	✓	✓
	52/121	FIRST FLOOR	39.00	NO	15899.38	620075.82
32		Providing and fixing with brass screws carona bath latch lock of approved design and colour (No. 25011), (Japan make), cutting wood to required shape and size with two operating keys as per direction of the Engineer-in-Charge	✓	✓	✓	✓
	61/121	FIRST FLOOR	12.00	NO	3024.38	36292.56
33		Providing and fixing approved brass handles 5" (127 mm) size heavy type with necessary brass screws.	✓	✓	✓	✓
	160/121	FIRST FLOOR	51.00	NO	357.74	18244.74
34		Providing and fixing with C.P. brass screws dado main door lock with handle (USA make) of approved design, cutting wood etc., to required size, with two operating keys as per direction of the Engineer-in-Charge.	✓	✓	✓	✓
	53/121	FIRST FLOOR	2.00	NO	29649.38	59298.76
35		Providing and fixing with brass screws or specially supplied screws hydraulic door closer of approved design No. 5002, Japan make, cutting wood etc., to required shape and size as per direction of the engineer-in-charge	✓	✓	✓	✓
	71/121	FIRST FLOOR	2.00	NO	9456.25	18912.50
36		Providing and fixing best quality deodar wood built in frame with 1/2 inch (13 mm) thick deodar wood beading as stopper for doors, windows, ventilators, clerestory, windows, shelves, partitions, trellis work, etc., as required	✓	✓	✓	✓
	7/120	FIRST FLOOR	9.58	%CFT	1408890.00	135018.63
37		Providing and fixing hot dipped galvanized fully glazed single leaf steel doors made to crittal or equivalent standard and of approved sections using approved brass section oxidized fittings, iron lugs, including cutting holes and making good damages to walls etc. complete in any floor.	✓	✓	✓	✓
	1/119	FIRST FLOOR	0.00	%SFT	160766.00	0.00
38		Providing and fixing 2 inch dia stainless steel pipe ( 18 gauge) railing along with 4 nos ,3/4" dia parallel pipe having S/S pipe vertical post 2" dia at 3 ft C/C avg spacing and 4" dia vertical post at start turning and end point including cost of labour , welding charges fitting & fixing in marble floor and wall etc complete as per direction of the engineer incharge etc	✓	✓	✓	✓
	.33/119	FIRST FLOOR	48.00	RFT	893.60	42892.80
39		Providing and fixing 2 inch dia stainless steel pipe ( 18 gauge) railing along with 4 nos ,3/4" dia parallel pipe having S/S pipe vertical post 2" dia at 3 ft C/C avg spacing and 4" dia vertical post at start turning and end point including cost of labour , welding charges fitting & fixing in marble floor and wall etc complete as per direction of the engineer incharge etc	✓	✓	✓	✓
	.202/124	FIRST FLOOR	20.00	RFT	2234.38	44687.60
40		Providing and fixing gypsum board 12mm thick , fixed with gl hanging approved suspension system & joint taping etc, complete in all respect as per specification shown on the drawings ( elephant / DFB/Lodhla Gypsum Industries ) (PVT) ltd or equivalent	✓	✓	✓	✓
	.208/124	FIRST FLOOR	14220.00	SFT	276.25	3928275.00
41		Distemping with vinyl distemper (ICI) Dulux Paintex of approved make and shade in two coats over and including the cost of wall puttl, sand papering dusting and filling the hole , cracks and inequalities, if any, at any height in any floor.	✓	✓	✓	✓
	151/122	FIRST FLOOR	10204.00	%SFT	3401.25	347063.55

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
42		Painting with ICI dulux plastic emulsion paint VIP of approved shade two coats over and including the cost of wall putt/priming coat complete over plastered surface at any height in any floor	✓	✓	✓	✓
	162/122	FIRST FLOOR	27781.75	%SFT	6737.38	1871762.07
43		Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	✓	✓	✓	✓
	172/122	FIRST FLOOR	1414.00	%SFT	4408.75	62339.73
44		Painting iron work with enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.	✓	✓	✓	✓
	158/122	FIRST FLOOR	6394.62	%SFT	5819.10	372109.33
45		Painting wood work with super glass enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.	✓	✓	✓	✓
	156/122	FIRST FLOOR	2646.00	%SFT	5624.86	148833.80
46		Providing and fixing ward robe 24" deep consisting 19mm thick laminated sheet on bottom, top sides partition, shelves & shutter etc and 4 mm thick pressed on back side 2-1/2"x1-1/4" best quality deodar wood frame and all open edges filled 3/4" molding PVC gola complete i/c cost of glue iron nails screws heavy type piano hinges 1/2" handle catcher, locks etc, complete the as per direction of the engineer incharge etc	✓	✓	✓	✓
	.207/124	FIRST FLOOR	64.00	SFT	1289.74	82543.36
47		Providing and fixing kitchen floor cabinet making of shutter board box & 3/4 inch high gloss laminated lasni shutter PVC beading deodar wooden frame 2.5"x 1.25" size making tray drawer of approved design etc, fixed with rawal pluge, screws including cost of glue, rail, hinges, handles etc as per drawing complete in all respect	✓	✓	✓	✓
	.209/124	FIRST FLOOR	42.00	sft	1582.87	66480.54 ✓
			TOTAL AMOUNT SCHEDULE ITEMS			38964111.56 ✓
48		<b>STEEL REINFORCEMENT</b>				
		Providing and laying hard grade ribbed deform (minimum yield point 60000 psi) reinforcement bars with and including the cost of strengthening cutting bending binding wastage and such over laps as are not shown in the drawings, placing in position in cement concrete 1:2:4 precast or m.s chair tying with binding wire cost of chairs and wires etc in all kind of RCC works in foundation basement, plinth and ground floor of building including septic tank and under ground tank and in projections for further extension	✓	✓	✓	✓
	166/114+17 4/114	FIRST FLOOR	64.39	TON	286890.00	18471888.89 ✓
			TOTAL AMOUNT SCHEDULE ITEMS ( STEEL ITEMS)			18471888.89



S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
1		Providing and laying reinforced first class solid burnt brick masonry in quetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking, out joints, curing etc. complete but excluding the cost of reinforcement in ground floor superstructure walls 4-1/2 (114 mm) or less in thickness				
		PARAPIT WALL	535.50			
	121/112-127/112+124/112+125/1112	2ND FLOOR	535.50	%CFT	54750.34	293188.07
2		19mm (3/4") thick cement plaster 1:4 cement mortar ratio on wall and columns including making edges corner and curing on external side				
		PARAPIT WALL	2320.50			
	8/122+88/122+91/122	2ND FLOOR	2320.50	%SFT	6060.06	140623.69
3		Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.				
		2ND FLOOR	2320.50	%SFT	4408.75	102305.04
4		Providing and laying 1:9 cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge in terracing 3 inches (76 mm) average thickness to required slope in panels including form work, consolidation, finishing, curing etc. and painting the surface with plastic bitumen No. 4 at the rate of 15 lbs per hundred square feet (0.73 Kg per s.m) blinded with sand at the rate of 2 cubic feet per hundred square feet (0.06 Kg per s.m) complete" on ground floor roof.				
	25/108+37/108-37/108	2ND FLOOR	14220.00	%SFT	9106.47	1294940.03
TOTAL AMOUNT SCHEDULE ITEMS						1831056.84

TEACHER HOSTEL ( first floor )  
 ( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2012 & MARKET RATES)  
 CIVIL WORKS  
 PARAPIT WALL AT 2ND FLOOR

DETAIL MEASUREMENT SHEET

S. No	Description	No	MEASUREMENT			QTY	UNIT
			L	B	H/D		
1	Providing and laying reinforced first class solid burnt brick masonry in quetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking, out joints, curing etc. complete but excluding the cost of reinforcement in ground floor superstructure walls 4-1/2 (114 mm) or less in thickness						
	PARAPIT WALL	1	357.000	0.500	3.00	535.50	CFT
TOTAL QUANTITY						535.50	CFT
2	19mm (3/4") thick cement plaster 1:4 cement mortar ratio on wall and columns including making edges corner and curing on external side						
	OUTER SIDE AROUND THE BUILDING	1	357.00		6.50	2320.50	SFT
TOTAL QUANTITY						2320.50	SFT
3	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.						
	SAME QTY OF PLASTER 3/4" FOR EXTERNAL WALLS					2320.50	SFT
TOTAL QUANTITY						2320.50	SFT
4	Providing and laying 1:9 cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge in terracing 3 inches (76 mm) average thickness to required slope in panels including form work, consolidation, finishing, curing etc. and painting the surface with plastic bitumen No. 4 at the rate of 15 lbs per hundred square feet (0.73 Kg per s.m) blended with sand at the rate of 2 cubic feet per hundred square feet (0.06 Kg per s.m) complete* on ground floor roof.						
		1	14220.00			14220.00	SFT
TOTAL QUANTITY						14220.00	SFT



TEACHER HOSTEL ( first floor )  
 ( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2012 & MARKET RATES )  
 CIVIL WORKS

PARAPIT WALL AT 2ND FLOOR

DETAIL MEASUREMENT SHEET

S. No	Description	No	MEASUREMENT			QTY	UNIT
			L	B	H/D		
1	Providing and laying reinforced first class solid burnt brick masonry in quetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking, out joints, curing etc. complete but excluding the cost of reinforcement in ground floor superstructure walls 4-1/2 (114 mm) or less in thickness						
	PARAPIT WALL	1	357.000	0.500	3.00	535.50	CFT
			TOTAL QUANTITY			535.50	CFT
2	19mm (3/4") thick cement plaster 1:4 cement mortar ratio on wall and columns including making edges corner and curing on external side						
	OUTER SIDE AROUND THE BUILDING	1	357.00		6.50	2320.50	SFT
			TOTAL QUANTITY			2320.50	SFT
3	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.						
	SAME QTY OF PLASTER 3/4" FOR EXTERNAL WALLS					2320.50	SFT
			TOTAL QUANTITY			2320.50	SFT
4	Providing and laying 1:9 cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge in terracing 3 inches (76 mm) average thickness to required slope in panels including form work, consolidation, finishing, curing etc. and painting the surface with plastic bitumen No. 4 at the rate of 15 lbs per hundred square feet (0.73 Kg per s.m) blinded with sand at the rate of 2 cubic feet per hundred square feet (0.06 Kg per s.m) complete on ground floor roof.						
		1	14220.00			14220.00	SFT
			TOTAL QUANTITY			14220.00	SFT

## TEACHER HOSTEL ( first floor )

( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 &amp; MARKET RATES )

## CIVIL WORKS

ABSTRACT SHEET

2nd FLOOR MUMTY

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
1		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in super structure				
		up to door bend level	126.00			
		up to roof beam level	54.00			
	24/114+ 136/114+ 92/114 +93/114	2ND FLOOR MUMTY	180.00	%CFT	57720.72	103897.30
2		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in straight beams, lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth				
		DOOR LINTALES / DOOR BEND				
	38/114 + 136/114 + 92/114 + 93/114	2ND FLOOR MUMTY	44.25	%CFT	52344.94	23162.64
3		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in beams of required shaps or section including form work and its removal compacting and curing but excluding the cost of reinforcement.				
		ROOF BEAM				
	38/114 + 136/114 + 92/114 + 93/114	2ND FLOOR MUMTY	132.75	%CFT	52344.94	69487.91
4		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in slab 5" to 6" thickness including form work and its removal compacting and curing in basement and ground floor but excluding the cost of reinforcement .				
	56/114 + 136/114+92 /114+93/114 4	2ND FLOOR MUMTY	109.25	%CFT	50608.82	55290.14
5		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in ordinary cantilevered slab, horizontal sun-shade or chajja tapered or straight average 3 inches (76 mm) to less then 5 inches (127 mm) thick including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement. in basement plinth and ground floor..				
	59/114 + 136/114+92 /114+93/114 4	2ND FLOOR MUMTY	48.18	%CFT	57678.80	27789.65



TEACHER HOSTEL ( first floor )  
 CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 & MARKET RATES)  
 CIVIL WORKS

ABSTRACT SHEET  
 2nd FLOOR MUMTY

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
6		Providing and laying reinforced first class solid burnt brick masonry in Ouetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking out joints curing etc. complete but excluding cost of reinforcement in ground floor superstructure 9" to 13-1/2 (229 mm to 232 mm) thick walls				
		up to door bend level	249.38			
		up to roof beam level	211.50			
	120/112-127/112+124/112+125/112	2ND FLOOR MUMTY	460.88	%CFT	51235.62	236132.16
7		19mm (3/4") thick cement plaster 1:4 cement mortar ratio on wall and columns including making edges corner and curing on external side				
	8/122+88/122+91/122	2ND FLOOR MUMTY	166.50	%SFT	6060.06	10090.00
8		1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc., complete.				
	2/122+87/122+90/122	2ND FLOOR MUMTY	810.09	%SFT	4475.09	36252.26
9		1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.				
	4/122+87/122+90/122	2ND FLOOR MUMTY	2250.50	%SFT	5106.84	114929.43
10		Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.				
	7/117+26/117+27/117	2ND FLOOR MUMTY	160.00	%SFT	10892.54	17428.06
11		Providing and laying 5 mm glass patties (panel strips) upto 1" (25 mm) depth in floor and dado of any description in all floors.				
	168/124	2ND FLOOR MUMTY	80.00	%RFT	2831.00	2264.80
12		Providing and fixing fully glazed double leaf hung steel windows and ventilators made to crittal or equivalent standard and of approved sections painted with two coats of red oxide paint including using approved brass section oxidized fitting, iron lugs, cutting holes and making good damages to walls etc. complete as required in any floor.				
	25/119+120/119	2ND FLOOR MUMTY	252.00	%SFT	145089.00	365624.28
13		Providing and fixing iron grills with required section of angle iron grill with required section of angle iron and MS square bars as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws painting two coats of red oxide paint etc., complete as required in any floor in masonry or concrete work				
	32/119	2ND FLOOR MUMTY	252.00	KG	295.56	74480.36
14		Providing and fixing hot dipped galvanized fully glazed single leaf steel doors made to crittal or equivalent standard and of approved sections using approved brass section oxidized fittings, iron lugs, including cutting holes and making good damages to walls etc. complete in any floor.				
	1/119	2ND FLOOR MUMTY	24.50	%SFT	160766.00	39387.67
15		Distemping with vinyl distemper (ICI) Dulux Paintex of approved make and shade in two coats over and including the cost of wall putti, sand papering dusting and filling the hole, cracks and inequalities, if any, at any height in any floor.				
	151/122	2ND FLOOR MUMTY	810.09	%SFT	3401.25	27553.19

TEACHER HOSTEL ( first floor )  
 CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 & MARKET RATES)  
 CIVIL WORKS

ABSTRACT SHEET  
 2nd FLOOR MUMTY

S. No	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	TOTAL QTY	UNIT	RATE	AMOUNT
16		Painting with ICI dulux plastic emulsion paint VIP of approved shade two coats over and including the cost of wall putti/priming coat complete over plastered surface at any height in any floor	✓	✓	✓	✓
	162/122	2ND FLOOR MUMTY	2250.50	%SFT	6737.38	151624.74
17		Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	✓	✓	✓	✓
	172/122	2ND FLOOR MUMTY	166.50	%SFT	4408.75	7340.57
18		Painting iron work with enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.	✓	✓	✓	✓
	158/122	2ND FLOOR MUMTY	651.00	%SFT	5819.10	37882.34
TOTAL AMOUNT SCHEDULE ITEMS						1400617.49
19		<b>STEEL REINFORCMENT</b>				
		Providing and laying hard grade ribbed deform (minimum yield point 60000 psi) reinforcement bars with and including the cost of strengthening cutting bending binding wastage and such over laps as are not shown in the drawings, placing in position in cement concrete 1:2:4 precast or m.s chair tying with binding wire cost of chairs and wires etc in all kind of RCC works in foundation basement, plinth and ground floor of building including septic tank and under ground tank and in projections for further extension	✓	✓	✓	✓
	166/114+174/114+175/114	2ND FLOOR MUMTY	3.86	TON	288530.00	1114149.94
TOTAL AMOUNT SCHEDULE ITEMS ( STEEL ITEMS)						1114149.94

  
 Assistant Executive Engineer-II  
 Central Civil Division No:III  
 Pak PWD, Quetta.



CONSTRUCTION OF CAFETERIA / CANTEEN  
( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 )

CIVIL WORKS

ABSTRACT SHEET

S. No	TS NO	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	QTY	UNIT	RATE	AMOUNT
				TOTAL			
7	12	4/114+ 136/114	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth				
GROUND FLOOR				312.000	%CFT	41920.62	130792.330
8	5	2/106+ 29/106	Providing and laying in situ 1:3:6 50 % crushed graded boulders 3/4 inch (19 mm) and down gauge and 50 % graded screened bajri 3/4 inch (19 mm) and down gauge in foundation, basement and plinth including form work, compacting, curing and removal of form work, etc. complete, foundation and basement up to 5 feet (1.52 R.m) depth and plinth up to 4 feet (1.2 R.m) height from ground level.				
GROUND FLOOR				1788.893	%CFT	34612.580	619182.020
9	11	8/114+ 136/114	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) .in plinth beams of required shape and design including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth				
GROUND FLOOR				985.095	%CFT	40365.27	397636.260
10	3	7/104	Supplying earth from approved site within the area acquired including digging or cutting, loading, unloading and filling in foundation trenches, plinth or under floor etc. including breaking clods, dressing watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction complete within a lead of one chain (30.5 R.m) and lift of 5 feet (1.52 m) as directed by the Engineer-in-charge.				
GROUND FLOOR				10831.448	%CFT	1507.810	163317.660
11	6	2/117	Providing and laying 1:4:8 cement concrete bed under flooring using graded stone ballast 1 inches and down gauge with leveling and ramming ,watering and curing etc complete				
GROUND FLOOR				1002.094	%CFT	22036.75	220828.950
12	13		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days ) in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in super structure				
GROUND FLOOR				1196.000	%CFT	52698.67	630276.090

CONSTRUCTION OF CAFETERIA / CANTEEN  
( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 )

CIVIL WORKS

ABSTRACT SHEET

S. No	TS NO	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	QTY	UNIT	RATE	AMOUNT
				TOTAL			
13	20		Providing and laying reinforced first class solid burnt brick masonry in Quetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking out joints curing etc. complete but excluding cost of reinforcement in ground floor superstructure 9" to 13-1/2 (229 mm to 232 mm) thick walls				
		120/112-127/112	GROUND FLOOR	2185.791	%CFT	46452.91	1015363.530
14	21		Providing and laying reinforced first class solid burnt brick masonry in quetta bond set in 1:4 cement mortar in straight or curved walls including scaffolding, raking, out joints, curing etc. complete but excluding the cost of reinforcement in ground floor superstructure walls 4-1/2 (114 mm) or less in thickness				
		121/112-127/112	GROUND FLOOR	38.250	%CFT	49967.63	19112.620
		121/112-127/112+124/112	FIRST FLOOR	111.096	%CFT	52874.60	58741.570
15	40		Providing and fixing M.S. moulded steel door frames of 10" x 2-1/2" manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a double rebate size 1-1/2" x 1/2" (38 mm x 12 mm) provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1 1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge				
		45/119	GROUND FLOOR	54.000	%RFT	69386.00	37468.440
16	41		Providing and fixing M.S. moulded steel door frame of 4" x 2-1/2" (102 mm x 64 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to BSS. 1245 having a single rebate size 1-1/2" x 1/2" (38 mm x 13 mm) with provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm), (2 Nos. 6 Inch long welded with frame at not less than 10 points and 1 No., 12 Inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 Inches long flat Iron fixing lugs, of 1 1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge				
		43/119	GROUND FLOOR	33.000	%RFT	39351.00	12985.830



CONSTRUCTION OF CAFETERIA / CANTEEN  
( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 )

CIVIL WORKS

ABSTRACT SHEET

S. No	TS NO	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	QTY	UNIT	RATE	AMOUNT
				TOTAL			
17	15		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in straight beams, lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth				
		38/114 + 136/114	GROUND FLOOR	152.276	%CFT	47322.89	72061.400
18	16		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in beams of required shaps or section including form work and its removal compacting and curing but excluding the cost of reinforcement.				
		38/114 + 136/114	GROUND FLOOR	657.855	%CFT	47322.89	311316.000
19	18		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in slab 5" to 6" thickness including form work and its removal compacting and curing in basement and ground floor but excluding the cost of reinforcement.				
		56/114 + 136/114	GROUND FLOOR	1759.000	%CFT	45586.77	801871.280
20	19		Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in any item of RCC of mix not leaner than 1:2:4 crushing strength of works cube in this case will be 3000 lbs. per sq. inch (20.69 N/mm <sup>2</sup> at 28 days) in ordinary cantilevered slab, horizontal sun-shade or chajja tapered or straight average 3 inches (76 mm) to less then 5 inches (127 mm) thick including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor..				
		59/114+ 136/114	GROUND FLOOR	109.391	%CFT	52656.75	57601.750
21	22		19mm (3/4") thick cement plaster 1:4 cement mortor ratio on wall and coloumns including making edges cornor and curing.on external side				
		8/122	GROUND FLOOR	1715.500	%SFT	5335.06	91522.950
		8/122+ 88/122	FIRST FLOOR	703.607	%SFT	5745.06	40422.640
22	23		1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc., complete.				
		2/122	GROUND FLOOR	3932.440	%SFT	3852.59	151500.790
23	24		1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.				
		4/122	GROUND FLOOR	6620.260	%SFT	4381.84	290089.200

CONSTRUCTION OF CAFETERIA / CANTEEN  
( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 )

CIVIL WORKS

ABSTRACT SHEET

S. No	TS NO	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	QTY	UNIT	RATE	AMOUNT
				TOTAL			
24	25		Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete.				
		7/117	GROUND FLOOR	490.625	%SFT	9562.54	46916.210
25	26		Providing and laying 5 mm glass pattles (panel strips) upto 1" (25 mm) depth in floor and dado of any description in all floors.				
		168/124	GROUND FLOOR	245.313	%RFT	2831.00	6944.810
26	27		Providing and laying floor of 6mm (approx: 1/4") thick coloured glazed tiles more then 1 sft upto 2 sft of master make (Pakistani) first grade in ground floor laid over 1" (25mm) thick cement mortar 1:2 (1 cement and 2 sand) including jointing and washing the tiles with white cement slurry a matching colour (by using pigment in white cement) and curing etc. complete.				
		83/117	GROUND FLOOR	339.375	%SFT	42,108.61	142906.100
27	28		Providing and laying floor of 3/4 inch (19 mm) thick white marble tiles more then 1sft up to 3 sft size fine dressed on the surface without windings in ground floor and laid over 1 inch (25 mm) thick 1:4 cement mortar setting the tiles with grey cement slurry over lime mortar, jointing & washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete, including the cost of mortar.				
		38/117+ 76/117	GROUND FLOOR	3491.815	%SFT	42,071.50	1469058.950
28	29		Providing and fixing 1/4"(6mm approx.) thick of approved Pakistani make white / coloured glazed tiles from 1.5 sft to 3 sft size in dado and skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement slurry to matching the colour and washing the tile, curing and cleaning etc. complete				
		41/118	GROUND FLOOR	447.500	%SFT	31,498.72	140956.770
29	30		Providing and fixing 3/8 inch (9.5 mm) thick white marble tiles above 144 Sq. inches size fine dressed on the surface without windings in dado and skirting and facing etc. in ground floor over 1/2 inch (13 mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry curing, finishing, cleaning and polishing etc. in internal work complete				
		16/118	GROUND FLOOR	1295.630	%SFT	30,137.00	390464.010
30	38		Providing and fixing fully glazed double leaf hung steel windows and ventilators made to crittal or equivalent standard and of approved sections painted with two coats of red oxide paint including using approved brass section oxidized fitting, iron lugs, cutting holes and making good damages to walls etc. complete as required in any floor..				
		25/119 +120/119	GROUND FLOOR	465.000	%SFT	145089.00	674663.850



CONSTRUCTION OF CAFETERIA / CANTEEN  
( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 )

CIVIL WORKS

ABSTRACT SHEET

S. No	TS NO	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	QTY	UNIT	RATE	AMOUNT
				TOTAL			
31	39		Providing and fixing iron grills with required section of angle iron grill with required section of angle iron and MS square bars as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws painting two coats of red oxide paint etc., complete as required in any floor in masonry or concrete work				
		32/119	GROUND FLOOR	465.000	KG	295.56	137434.010
32	42		Providing and fixing solid core 1st class deodar wood veneered flush door shutters, 1-1/2 inches (38 mm) thick with and including the cost of commercial veneer facing 3 mm. thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2nd class deodar wood solid core, i/c., 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of approved iron fittings but excluding the cost of handles and locking arrangement.				
		64/120	GROUND FLOOR	119.000	%SFT	144856.00	172378.640
34	44		Providing and fixing 1-1/2 inches (38 mm) thick fully striped glazed shutters in best quality deodar wood with plain glass panes 24 oz (7.3 kg/SM) with approved iron hinges, tower bolts, deodar wood beading and putty packing to glasses etc., as required.				
		75/120	GROUND FLOOR	7.500	%SFT	157585.00	11818.880
35	45		Providing and fixing 1-1/2 inches (38 mm) thick best quality deodar wood wire gauze shutters fully wire gauzed with galvanized iron wire gauze of 24 gauge and 12 mesh to an inch (25 mm) with approved iron butt hinges, spring hinges, tower bolts etc., as required.				
		129/120	GROUND FLOOR	0.000	%SFT	143893.00	0.000
36	47		Providing and fixing approved brass sliding bolts or drop bolts 10" x 5/8" (254 mm x 16 mm) size with necessary brass screws and iron bolts and nuts				
		124/121	GROUND FLOOR	2.000	NO	2606.80	5213.600
37	48		Providing and fixing with C.P. brass screws main door handle type yale lock (Italy make) of approved design, cutting wood etc., to required size, with two operating keys, as per direction of the engineer-in-charge.				
		52/121	GROUND FLOOR	3.000	NO	15899.38	47698.140
38	49		Providing and fixing with brass screws carona bath latch lock of approved design and colour (No. 25011), (Japan make), cutting wood to required shape and size with two operating keys as per direction of the Engineer-in-charge				
		61/121	GROUND FLOOR	2.000	NO	3024.38	6048.760
39	50		Providing and fixing approved brass handles 5" (127 mm) size heavy type with necessary brass screws.				
		160/121	GROUND FLOOR	2.000	NO	357.74	715.480
42	53		Providing and fixing best quality deodar wood bullt in frame with 1/2 inch (13 mm) thick deodar wood beading as stopper for doors, windows, ventilators, clerestory, windows, shelves, partitions, trellis work, etc., as required				
		7/120	GROUND FLOOR	0.906	%CFT	1408890.00	12764.540



CONSTRUCTION OF CAFETERIA / CANTEEN  
( CIVIL ITEMS BASED ON PAK PWD SCHEDULE OF RATES 2022 )

CIVIL WORKS

ABSTRACT SHEET

S. No	TS NO	ITEM # / SUB HEAD #	DESCRIPTION OF WORKS	QTY		UNIT	RATE	AMOUNT
				TOTAL				
43	32		Distempering with vinyl distemper (ICI) Dulux Paintex of approved make and shade in two coats over and including the cost of wall puttl, sand papering dusting and filling the hole , cracks and inequalities, if any, at any height in any floor.					
		151/122	GROUND FLOOR	3932.440	%SFT	3401.25	133752.120	
44	33		Distempering with vinyl distemper (ICI) Dulux Paintex of approved make and shade in two coats over and including the cost of wall puttl, sand papering dusting and filling the hole , cracks and inequalities, if any, at any height in any floor.					
		151/122	GROUND FLOOR	6620.260	%SFT	3401.25	225171.590	
45	34		Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.					
		172/122	GROUND FLOOR	1715.500	%SFT	4408.75	75632.110	
		172/122	FIRST FLOOR	703.607	%SFT	4408.75	31020.270	
46	35		Painting iron work with enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.					
		158/122	GROUND FLOOR	930.000	%SFT	5819.10	54117.630	
47	36		Painting wood work with super glass enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.					
		156/122	GROUND FLOOR	238.000	%SFT	5624.86	13387.170	
48	54		Providing and laying 1:9 cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge in terracing 3 inches (76 mm) average thickness to required slope in panels including form work, consolidation, finishing, curing etc. and painting the surface with plastic bitumen No. 4 at the rate of 15 lbs per hundred square feet (0.73 Kg per s.m) blinded with sand at the rate of 2 cubic feet per hundred square feet (0.06 Kg per s.m) complete" on ground floor roof.					
		25/108+37/108		3991.680	%SFT	9070.84	362078.910	
12	56		Providing and laying hard grade ribbed deform (minimum yield point 60000 psi) reinforcement bars with and including the cost of strengthening cutting bending binding wastage and such overlaps as are not shown in the drawings, placing in position in cement concrete 1:2:4 precast or m.s chair tying with binding wire cost of chairs and wires etc in all kind of RCC works in foundation basement, plinth and ground floor of building including septic tank and under ground tank and in projections for further extension					
		166/114	GROUND FLOOR	20.192	TON	282450.00	5703230.400	
TOTAL AMOUNT SCHEDULE ITEMS								17443122.00
TOTAL AMOUNT SCHEDULE ITEMS ( STEEL ITEMS)								5703230.40
TOTAL AMOUNT SCHEDULE ITEMS ( CIVIL ITEMS)								11739891.60



Assistantt: Executive Engineer-II  
Central Civil Division No:III



**CONSTRUCTION OF CAFETERIA / CANTEEN  
(BASED ON PAK PWD SCHEDULE OF RATES 2022)**

**PLUMBING / SEWERGE WORK**

S. No	S.I.No Item No / Page No	DESCRIPTION	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
1		Providing and fixing PPRC pipe PN-20 with specials and clamp etc including cutting and fitting complete with and including the cost of breaking through walls and roof and making good etc after cleaning the pipe and cartage within 10 miles				
a	29/306	3/4" dia 20mm dia	RFT	50.00	153.45	7,672.50
b	30/306	1" dia 25mm dia	RFT	40.00	215.32	8,612.80
2		Providing and fixing Ball Valve (with PVC Ball) made to B.s.s. 1212.....				
a	18/307	3/4" dia 20mm dia	Each	1.00	578.70	578.70
	19/307	1" dia 25mm dia	Each	1.00	703.70	703.70
3	1/307	Providing and fixing 1/2 Inches dia. (15 mm) brass bib cocks,	Each	3.00	755.40	2,266.20
3	17/306	Providing and fixing un plat sized polyvinyl chloride pipe (u.P.V.C) "E" class with specials and clamps etc., including cutting and fitting, complete with and including the cost of breaking through walls and roof and making good etc.; after cleaning the pipe and cartage within 10 miles (16.09 km) (working pressure 12 kg/cm2) 3 inches (80 mm) dia pipe.	RFT	60.00	520.97	31,258.20
4	18/306	Providing and fixing un plat sized polyvinyl chloride pipe (u.P.V.C) "E" class with specials and clamps etc., including cutting and fitting, complete with and including the cost of breaking through walls and roof and making good etc.; after cleaning the pipe and cartage within 10 miles (16.09 km) (working pressure 12 kg/cm2) 4 inches (100 mm) dia pipe.	RFT	80.00	719.12	57,529.60
5	1/301	Providing and fixing best quality squatting type white glazed earthenware W.C Pan, Pakistani (of not less than 18 inches clear opening as measured between flushing rims) complete with and including the cost of 13.6 litre best quality low level plastic flushing cistern with internal fittings complete, P.V.C. flushing pipe suitable for squatting type with extra bonds and length with fittings, C.I. trap 4 inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4..	Each	1.00	12602.50	12,602.50
6	9/301 +10/301 +4/303	P/F 22" x16" lavatory basin in white glazed earthenware (Pakistani) complete with and including the cost of Brass oxidized bolts kit built into walls 1/2" dia. Chrome plated moxer, 1.25" rubber plug and chrome plated brass chain 1.25 " dia brass waste of approved pattern 1.25 " dia chromium plated battal trap with union and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4 and also complete with providing and fixing white glazed earthen ware pedestal & C.P. brass chain and rubber plug for sinks and lavatory basins....	Each	1.00	15436.65	15,436.65
7	6/301	Providing and fixing 20 Inches x 16 Inches (508 mm x 406 mm) Looking mirror of Belgium glass complete with Plastic frame and C.P. Brass screws.	Each	2.00	3045.74	6,091.48
8	30/301	Providing and fixing of UPVC multi floor trape of sizes with gratings including cutting and making the requisite number of holes in walls plinth and floor and making good in 1:2:4 CC	Each	1.00	1459.43	1,459.43
9	4/313	Excavation in all kind of soils in trenches and channels including dressing to required section and back filling excavated stuff including watering, ramming etc. in layers as per direction of Engineer-in-Charge and disposal of surplus earth complete; lift upto 5 ft. (1.52 m) and lead upto 100 ft. (30.5 m) .for pipe line	%cft	420.00	1662.77	6,983.63
10	8/314	Providing PPR pipes and collars of class 'A' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water to a head of 4 feet (1.22 m) above the top of the highest pipe including cartage within 10 miles (16.09 km.) pipe..dia 12 Inches(305 mm).	RFT	80.00	425.08	34,006.40
11	9/314	Providing RCC pipes and collars of class 'A' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water to a head of 4 feet (1.22 m) above the top of the highest pipe including cartage within 10 miles (16.09 km.) 15 inches(308 mm).	RFT	60.00	516.06	30,963.60



**CONSTRUCTION OF CAFETERIA / CANTEEN  
(BASED ON PAK PWD SCHEDULE OF RATES 2022)**

**PLUMBING / SEWERGE WORK**

S. No	S.I.No Item No / Page No	DESCRIPTION	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
12	10/314	Providing RCC pipes and collars of class 'A' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water to a head of 4 feet (1.22 m) above the top of the highest pipe including cartage within 10 miles (16.09 km.) 18 inches (460 mm).	RFT	40.00	664.03	26,561.20
13	19/103	Excavation for wells, circular underground tanks and soak splts etc., in all kinds of soil (except gravelly and murum soll, wet silt clay or mud, conglomeration of gravel and boulders, soft, sandy or disintegrated and hard rock) and back filling the excavated material all round the trenches including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead up to one chain (30.5 Ru.m) and lift up to 5 feet (1.52 m). for manhole	%cft	6.00	1507.19	90.43
14	13/315	Providing manhole type 'A' size 2 feet x 1-1/2 feet or (610 mm x 457 mm) (inside dimensions) x 2 feet (610 mm) deep as per approved design and specifications complete for 4 inches to 12 inches (100 to 305 mm) dia pipes up to 3 feet-11 inches (1.19 m) depth with cast iron cover and frame 16 inches (406 mm) dia, inside (weight=1 Cwt.1 Qtr.) or 63.5 kg. fixed in 4 inches (100 mm) thick RCC 1:2:4 slab, 8 inches (203 mm) thick c.c. 1:3:6 block masonry walls set in 1:3 c.m.; 6 inches (150 mm) Providing manhole type 'A' size 2 feet x 1-1/2 feet or 610 mm x 457 mm( inside dimensions) x 2 feet (610 mm) deep as per approved design and specifications complete for 4 inches to 12 inches (100 mm to 305 mm) dia. Pipes upto 3 feet-11 inches (1.19 m) depth with 16 inches (406 mm dia.) (inside) cast iron cover and frame (weight = 1 Cwt. 1. Qtr.) (63.5 kg.) fixed in R.C.C.1:2:4 slab 4 inches (102 mm)( thick, burnt brick masonry walls 9 inches (229 mm) thick set in 1:4 cement mortar, 6 inches (150 mm) 1:3:6 C.C. in foundation, 1:2:4 C.C. in benching and 1/2 inch (13 mm) thick cement plaster in 1:3 C.M., to all inside walls surfaces channels and benching etc., and to top including making requisite number of main and branches channels but excluding the cost of excavation, back filling and disposal of excavated stuff, manhole cover and frame.	each	1.00	13411.31	13,411.31
15	15/315	Providing manhole type 'B' size 3 feet x 2-1/2 feet or 914 mm x 762 mm (inside dimensions) x 4 feet (1219 mm deep as per approved design and specifications complete for 4 inches to 12 inches (100 mm to 305 mm) dia. Pipe 4 feet to 7 feet-5 inches (1.22 m to 2.26m) depth with 18 inches (457 mm) dia. (inside) cast iron cover and frame (weights 1 Cwt. 3 Qrs.) or 88.9 kg, fixed in R.C.C.1:2:4 slab 6 inches (152 mm) thick, 9 inches (229 mm) thick burnt brick masonry walls set in 1:4 C.M., 6 inches (152 mm) thick 1:3:6 C.C. in foundation, 1:2:4 C.C. in benching and 1/2 inch (13 mm) thick cement plaster in 1:3 C.M., to all inside wall surfaces, channels and benching etc. and to top including providing and fixing cast iron foot rest at every foot of depth and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff, manhole cover and frame.	each	1.00	31974.81	31,974.81
16	29/315	Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precast complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge.	cft	1.50	2274.73	3,412.10
17	1/314	Providing and fixing 6" x 4" (150 mm x 100 mm) cement concrete gully trap with 4 inches (100 mm) outlet, complete with 4 inches (100 mm) thick 1:2:4 cement concrete for bed and kerb, 1/2 inch ("13 mm) thick cement plaster 1:3 to the kerb, C.I. grating 6 inches x 6 inches (150 mm x 150 mm) and C.I. cover and frame 12" x 12" (305 mm x 305 mm) (inside) etc., complete..	Each	2.00	2339.00	4,678.00



**CONSTRUCTION OF CAFETERIA / CANTEEN  
(BASED ON PAK PWD SCHEDULE OF RATES 2022)**

**PLUMBING / SEWERGE WORK**

S. No	S.I.No Item No / Page No	DESCRIPTION	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
18	148/127	Excavation in all kind of soils in trenches and channels including dressing to required section and back filling excavated stuff including watering, ramming etc. In layers as per direction of Engineer-in-Charge and disposal of surplus earth complete: lift upto 5 ft. (1.52 m) and lead upto 100 ft. (30.5 m) .for pipe line	%cft	400.00	1662.77	6,651.08
19		Providing and fixing polyethylene pipe (HDPE) (PN-16) with specials including cutting and fitting complete and cartage within 10 miles				
a	37/306	1" dia	RFT	100.00	109.28	10,928.00
20		Providing and fixing Ball Valve (with PVC Ball) made to B.s.s. 1212.....				
a	19/307	1" dia	Each	1.00	703.70	703.70
<b>TOTAL SCHEDULE ITMES</b>						<b>314,576.02</b>
<b>TOTAL NSR ITEMS</b>						<b>-</b>

  
**Assistantt: Executive Engineer-II**  
**Central Civil Division No:III**  
**Pak PWD, Quetta.**