

SCHEDULE B (WS & Sanitary)

Name Of Work Construction / Reconstruction of Office of Assistant District Officer Education (F) Kotri (2013-14 Program) (W. Supply & Electric)						
Description	Quantity		Rate	Unit		Amount
01. Providing & fixing squatting type white Glazed Earthenware W.C Pan with front flush inlet & complete with including the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4 (B)(i) W.C of not less than 19" clear opening between flushing rims and 3 gallons flushing tank with 4" dia C.I trap & C.I thumble. (S.I.No. 1(B)/P-1)	3.0	No.	Rs.	4846.60	Each	Rs. 14540.00
02. Providing & fixing European type white Glazed Earthenware wash down W.C Pan complete with & including the cost of white / black plastic seat (Best Quality) and lid with C.P brass hinges & buffers, 3 gallons white glazed earthenware low level flushing cistern with siphon fitting 1.5" dia, white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4 (Foreign Or Equivalent). (S.I.No. 5/P-2)	3.0	No.	Rs.	11477.40	Each	Rs. 34432.00
03. Providing & fixing 24"x18" Lavatory Basin in white glazed earthenware complete with and including the cost of W.I or C.I cantilever brackets 6" built into walls, painted white in 2 coats after a primary coat of red lead paint, a pair of 1/2" dia chrome plated pillar taps, 1.5" rubber plugs and chrome plated brass chain, 1.25" brass waste of approved pattern, 1.25" dia malleable iron or C.P brass traps, malleable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (Foreign Or Equivalent). (S.I.No. 10/P-3)	3.0	No.	Rs.	4928.00	Each	Rs. 14784.00
04. Add extra labour for providing and fixing of Earthenware Pedestle white or coloured glazed (Foreign Or Equivalent). (S.I.No. 11/P-3)	3.0	No.	Rs.	2533.47	Each	Rs. 7600.00
05. Providing & fixing Stainless Steel Marble Bowl 14"x17" complete with 1.5" C.P brass waste and 1.5" dia PVC waste pipe etc complete in all respects. (LQR)	1.0	No.	Rs.	5100.00	Each	Rs. 5100.00
06. Providing & fixing 6"x2" or 6"x3" C.I Floor Trap of the approved self-cleaning design with a C.I screwed down grating with or without a vent arm complete with and including making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4. (S.I.No. 20/P-6)	4.0	No.	Rs.	2042.43	Each	Rs. 8170.00
07. Providing & fixing in position Nyloon Connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nyloon connections. (S.I.No. 23/P-6)	9.0	No.	Rs.	447.15	Each	Rs. 4024.00
08. Providing & fixing bath room accessories set (7 pieces) including towel rod, brush holder, soap tray & shelf of approved design including cost of screws, nuts etc complete (Master Brand). (S.I.No. 23/P-19)	3.0	No.	Rs.	10322.40	Each	Rs. 30967.00
09. Providing & fixing M.S Clamps of the approved design to 4" dia C.I pipe sockets including the cost of cutting and making good to walls or M.S bolts and nuts, 4" into wall including pipe distance pieces extra painting to match the color of building. (S.I.No. 2/P-9)	6.0	No.	Rs.	72.16	Each	Rs. 433.00
10. Providing G.I Pipes, specials and clamps etc including fixing, cutting and fitting complete with and including cost of breaking through walls and roof, making good etc, painting 2 coats after cleaning the pipes etc with white zink paint with pigment to match the colour of the building and testing with water to pressure head of 200 ft and handling.						
(i) 1/2" dia. (S.I.No.1(i)/P-12)	100.0	Rft	Rs.	73.21	P.Rft	Rs. 7321.00
(ii) 3/4" dia. (S.I.No.1(ii)/P-12)	300.0	Rft	Rs.	95.79	P.Rft	Rs. 28737.00
(iii) 1" dia. (S.I.No.1(iii)/P-12)	50.0	Rft	Rs.	128.55	P.Rft	Rs. 6428.00
11. Add extra labour for concealed G.I pipe and fittings including making recess in the wall for pipes and making good in cement concrete etc complete (i) 1/2" dia. (S.I.No. 2(i)/P-12)	100.0	Rft	Rs.	7.82	P.Rft	Rs. 782.00
12. Supplying & fixing Long Bib Cock with C.P head 1/2" dia. (Item No. 827 Ilyas Brand). (LQR)	6.0	No.	Rs.	3105.00	Each	Rs. 18630.00

13.	Supplying & fixing concealed Tee Cock with C.P head 1/2" dia. (Item No. 831 Ilyas Brand). (LQR)	9.0	No.	Rs.	2513.00	Each	Rs.	22617.00
14.	Supplying & fixing Swan Type Pillar Cock with C.P head 1/2" dia. (Item No. 798 A Ilyas Brand). (LQR)	4.0	No.	Rs.	5400.00	Each	Rs.	21600.00
15.	Supplying & fixing C.P Muslim Shower with double bib cock & ring pipe etc complete 1/2" dia.(Item No. 829 Ilyas Brand). (LQR)	3.0	No.	Rs.	7150.00	Each	Rs.	21450.00
16.	Providing and fixing Handle Valves (China)							
	(ii) 3/4" dia. (S.I.No. 5(ii)/P-17)	6.0	No.	Rs.	271.92	Each	Rs.	1632.00
	(iii) 1" dia. (S.I.No. 5(iii)/P-17)	2.0	No.	Rs.	365.42	Each	Rs.	731.00
17.	Providing and fixing 4" Dia uPVC specials including fitting, rubber solvent & making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4. (LQR)							
	Tee	3.0	No.	Rs.	955.00	Each	Rs.	2865.00
	Tee with back port (Plug Tee)	3.0	No.	Rs.	1245.00	Each	Rs.	3735.00
	45° Skew Tee (WyeTee)	3.0	No.	Rs.	1310.00	Each	Rs.	3930.00
	Elbow 90°	7.0	No.	Rs.	660.00	Each	Rs.	4620.00
	Elbow 90° with back port	4.0	No.	Rs.	1025.00	Each	Rs.	4100.00
	Elbow 45°	2.0	No.	Rs.	630.00	Each	Rs.	1260.00
	Vent Cowl	3.0	No.	Rs.	300.00	Each	Rs.	900.00
18.	Providing laying uPVC Pipes of class D fixing in trench including cutting fitting and jointing with solvent cement including testing with water to a head of 400 ft. (PH S.I.No. 6/P-24)							
	(i) 4" dia.	90.0	Rft	Rs.	226.00	P.Rft	Rs.	20340.00
	(k) 6" dia.	100.0	Rft	Rs.	483.00	P.Rft	Rs.	48300.00
19.	Providing Chambers 15"x9" (inside dimensions)x24" deep for house meters with 4 1/2" thick burnt brick masonry wall in 1:6 cement mortar, 6" thick C.C. 1:4:8 in foundation, 1/2" thick cement plaster 1:3 to all inside wall surface and to top, 1" thick C.C. 1:2:4 flooring complete with hinged cost iron cover and frame 15"x9" (inside) clear opening (Wt.1Qr) etc fixed in C.C 1:2:4 includinbg curing, excavation, back filling and disposal of surplus earth etc complete. (S.I.No. 4/P-20)	7.0	No	Rs.	4905.67	Each	Rs.	34340.00
20.	Supplying and fixing Fiber Glass Tank of approved quality & design and wall thickness as specified including cost of nuts, bolts and fixing in plateform of C.C. 1:3:6 and making connections for inlet, outlet & over flow pipes etc complete (b) 250 gallons & wall thickness 4.0 mm. (Master Brand). (LQR)	1.0	No.	Rs.	49500.00	Each	Rs.	49500.00
21.	Providing & fixing water pumping set 1 H. P 2800 RPM Single Phase 220 Volts, 1.25"x1" 40 ft head including base plate & also making C.C 1:3:6 plateform of required size & fixing with nuts & bolts etc complete in all respects. (LQR)	1.0	No.	Rs.	25000.00	Each	Rs.	25000.00
22.	Providing & fixing Stainless Steel Body Gas Burner in position & making necessary connections. (LQR)	1.0	No.	Rs.	18500.00	Each	Rs.	18500.00
	Total S.I except Pipe Work						Rs.	152435.00
	Pipe Work (GI/RCC/Asbestos)						Rs.	111126.00
	Total N.S.I						Rs.	203807.00
	G.Total						Rs.	467368.00

_____ % Above / Below on the Rates of CSR	Amount to be added / deducted on basis of premium quoted Total (b)
Total a + b Rs. (a) _____ Rs. (b) _____ = Rs. _____	
Cost of Pipe Work _____ % Above Rs _____	Total Amount Rs _____
	Total Rs. _____
Total (A) = a+b In words & figure _____	

CONTRACTOR

**EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
JAMSHORO**

SCHEDULE B (Electric)

Name Of Work Construction / Reconstruction of Office of Assistant District Officer Education (F) Kotri (2013-14 Program) (W. Supply & Electric)						
Description	Quantity	Rate	Unit	Amount		
Cancelled						
01. Wiring for light or fan point with 3/0.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (EW S.I.No. 124/P-15)	67.00 Nos.	Rs. 1130.00	Each	Rs.	75710.00	
02. Wiring for plug point with 3/0.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (EW S.I.No. 126/P-15)	15.00 Nos.	Rs. 985.00	Each	Rs.	14775.00	
03. Wiring for call bell point with 3/0.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (EW S.I.No. 128/P-15)	1.00 Nos.	Rs. 1764.00	Each	Rs.	1764.00	
04. Providing and laying (Main or Sub Main) PVC insulated with size 2-7/0.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (EW S.I.No. 10/P-2)	100.00 Meter	Rs. 222.00	P.Meter	Rs.	22200.00	
05. Providing and laying (Main or Sub Main) PVC insulated with size 2-7/0.044 (6 mm ²) copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (EW S.I.No. 12/P-2)	50.00 Meter	Rs. 341.00	P.Meter	Rs.	17050.00	
06. Providing and laying (Main or Sub Main) PVC insulated with size 2-7/0.064 (16 mm ²) copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (EW S.I.No. 12/P-2)	50.00 Meter	Rs. 641.00	P.Meter	Rs.	32050.00	
07. Providing and laying (Main or Sub Main) PVC insulated & PVC sheathed with two core copper conductor 300/500 volts 10 mm ² (EW S.I.No. 62/P-8)	50.00 Meter	Rs. 375.00	P.Meter	Rs.	18750.00	
08. Providing & fixing brass battern holder. (EW S.I.No. 232/P-33)	9.00 Nos.	Rs. 70.00	Each	Rs.	630.00	
09. Providing & fixing bakelite ceiling rose with two terminals. (EW S.I.No. 228/P-33)	19.00 Nos.	Rs. 72.00	Each	Rs.	1368.00	
10. Providing & fixing volt meter size 96/96 mm 500 volts as required & as per instruction of EI (EW S.I.No 285/P-41)	1.00 Nos.	Rs. 999.00	Each	Rs.	999.00	
11. Providing & fixing circuit breaker 6,10,15,20,30,40,50 & 63 amp SP (TB-5S) on prepared board as required. (EW S.I.No. 203/P-31)	8.00 Nos.	Rs. 916.00	Each	Rs.	7328.00	
12. Providing & fixing circuit breaker 6,10,15,20,30,40,50 & 63 amp DP (TB-5S) on prepared board as required. (EW S.I.No. 204/P-31)	1.00 Nos.	Rs. 2456.00	Each	Rs.	2456.00	
13. Providing & fixing circuit breaker 15,20,30,40,50,60,75 & 100 amp TP (XS-100NS) on prepared board as required. (EW S.I.No. 207/P-31)	1.00 Nos.	Rs. 9261.00	Each	Rs.	9261.00	
14. Providing & fixing (Futina Supreme or Equivalent Made in China). (LQR)						
10 A 2 Gang plus two 2 pin socket	2.00 Nos.	Rs. 1350.00	Each	Rs.	2700.00	
10 A 3 Gang plus one 2 pin socket	4.00 Nos.	Rs. 1300.00	Each	Rs.	5200.00	
10 A 4 Gang plus two 2 pin socket	1.00 Nos.	Rs. 2060.00	Each	Rs.	2060.00	
10 A 7 Gang plus one 2 pin socket	3.00 Nos.	Rs. 2340.00	Each	Rs.	7020.00	
10 A 8 Gang plus two 2 pin socket	4.00 Nos.	Rs. 2600.00	Each	Rs.	10400.00	
5 A 3 pin SP switched socket outlet	5.00 Nos.	Rs. 1370.00	Each	Rs.	6850.00	
15 A 3 pin SP switched socket outlet	1.00 Nos.	Rs. 1500.00	Each	Rs.	1500.00	

Bell Push (Water proof)						
	1.00	Nos.	Rs.	1320.00	Each	Rs. 1320.00
Fan Dimmer						
	6.00	Nos.	Rs.	800.00	Each	Rs. 4800.00
2 Tel Socket						
	2.00	Nos.	Rs.	1480.00	Each	Rs. 2960.00
15. Providing & fixing main panel board to accommodate heavy duty circuit breaker bus bar i/c painting. (LQR)						
	2.00	Sft	Rs.	2200.00	P.Sft	Rs. 4400.00
16. Providing & fixing pilot lamp 200/240 volts with display (Made in China). (LQR)						
	3.00	Nos.	Rs.	650.00	Each	Rs. 1950.00
17. Providing & fixing on a prepared board iron clad bus bar with 4 copper strips of 500 amps in 50.8 mm x 6.3 mm (2"x1/4") as required. (LQR)						
	1.00	Nos.	Rs.	12000.00	Each	Rs. 12000.00
18. Providing & fixing AC or DC electric bell 200/250 volts 70 mm. (LQR)						
	1.00	Nos.	Rs.	400.00	Each	Rs. 400.00
19. Providing & fixing AC or DC electric bell 200/250 with remote bell push button (Made in China). (LQR)						
	3.00	Nos.	Rs.	2500.00	Each	Rs. 7500.00
20. Providing & fixing 1-40 watts tube light complete with 40 watts 4' long rod, chock, starter and putty including necessary electric connections and fixing on wall or ceiling as required (Philips Brand). (LQR)						
	8.00	Nos.	Rs.	1000.00	Each	Rs. 8000.00
21. Providing & fixing energy saver 23 watts in existiing holder as required (Philips Brand). (LQR)						
	9.00	Nos.	Rs.	600.00	Each	Rs. 5400.00
22. Providing & fixing 220x220 mm square 18 W LED surface mounted panel light (Made in China). (LQR)						
	6.00	Nos.	Rs.	3875.00	Each	Rs. 23250.00
23. Providing & fixing Round 7 W COB panel light (Made in China). (LQR)						
	33.00	Nos.	Rs.	2500.00	Each	Rs. 82500.00
24. Providing & fixing ceiling fan 56" sweep complete in all respect as required (Pak Fan or Royal Brand). (LQR)						
	6.00	Nos.	Rs.	7000.00	Each	Rs. 42000.00
25. Providing & fixing mild steel bar for clamps 15.8 mm dia suitable for R.C.C roof. (LQR)						
	6.00	Nos.	Rs.	180.00	Each	Rs. 1080.00
26. Providing & fixing Bracket fan 18" sweep complete in all respect as required (Pak Fan or Royal Brand). (LQR)						
	1.00	Nos.	Rs.	7000.00	Each	Rs. 7000.00
27. Providing & fixing exhaust fan 10" sweep complete in all respect as required (Pak Fan or Royal Brand). (LQR)						
	4.00	Nos.	Rs.	5000.00	Each	Rs. 20000.00
Total S.I						Rs. 204341.00
Total N.S.I						Rs. 260290.00
G.Total						Rs. 464631.00

_____ % Above / Below on the Rates of CSR Amount to be added / deducted on basis of premium quoted Total (b)

Total a + b Rs. (a) _____ Rs. (b) _____ = Rs. _____

Total (A) = a+b In words & figure _____

CONTRACTOR

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION
JAMSHORO