

Schedule B (Civil)

Name Of Work Rehabilitation / Reconstruction of existing Government Elementary Schools of Taluka Kotri District Jamshoro @ GBPS G.Qadir Khaskheli							
Description	Quantity		Rate	Unit		Amount	
01. Dismantling cement concrete reinforced. Separating reinforcement from concrete, cleaning and straightening the same. (S.I.No. 20/P-10)	75.00	Cft	Rs.	5445.00	%Cft	Rs.	4084.00
02. Dismantling cement concrete plain 1:2:4. (S.I.No. 19(c)/P-10)	225.00	Cft	Rs.	3327.00	%Cft	Rs.	7486.00
03. Excavation in foundation of building, bridges and other structure including dagbelling dressing, refilling around structure with excavated earth, watering and ramming. Lead upto 5 ft (b) In ordinary soil. (S.I.No. 18(b)/P-4)	1416.00	Cft	Rs.	3176.25	%oCft	Rs.	4498.00
04. Cement concrete brick or stone ballast 1.5" to 2" gauge (b) Ratio 1:4:8. (S.I.No. 4(b)/P-15)	263.00	Cft	Rs.	9416.28	%Cft	Rs.	24765.00
05. Pacca brick work in foundation and plinth in cement sand mortar 1:6. (S.I.No. 4(i)/e/P-21)	431.00	Cft	Rs.	11948.36	%Cft	Rs.	51497.00
06. Erection and removal of centering for Reinforced or Plain cement concrete works of partial wood (2nd class). (b) Vertical. (S.I.No. 19(b)/ii/P-18)	760.00	Sft	Rs.	3127.41	%Sft	Rs.	23768.00
07. Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (f) Ratio 1:2:4 (S.I.No. 5(f)/P-16)	329.00	Cft	Rs.	14429.25	%Cft	Rs.	47472.00
08. R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/P-17)	278.00	Cft	Rs.	337.00	P.Cft	Rs.	93686.00
09. Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 8(b)/P-17)	12.00	Cwt	Rs.	5001.70	P.Cwt	Rs.	60020.00
10. Filling, watering and ramming earth in floors with surplus earth from foundation. Lead upto one chain and lift upto 5 ft. (S.I.No. 21/P-4)	944.00	Cft	Rs.	1512.50	%oCft	Rs.	1428.00
11. Supplying and filling sand under floors and plugging in wells. (S.I.No. 29/P-26)	1402.00	Cft	Rs.	1141.25	%Cft	Rs.	16000.00
12. Pacca brick work in ground floor in cement sand mortar 1:6. (S.I.No. 5(i)/e/P-21)	226.00	Cft	Rs.	12674.36	%Cft	Rs.	28644.00
13. Pacca brickwork in other than building including stricking of joints upto 20 ft height in cement sand mortar 1:6. (S.I.No. 7(i)/e/P-22)	138.00	Cft	Rs.	12346.65	%Cft	Rs.	17038.00
14. Providing & fixing galvanized iron frames / chowkats of size 7"x 2" or 4.5"x3" for doors using 20 guage G.I sheet including welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jams. The cost also include all carriage, tools and plants used in making & fixing. (S.I No. 29/P-93)	33.00	Rft	Rs.	228.90	P.Rft	Rs.	7554.00
15. Providing & fixing galvanized iron frames / chowkats of size 7"x 2" or 4.5"x3" for windows using 20 guage G.I sheet including welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jams. The cost also include all carriage, tools and plants used in making & fixing. (S.I No. 28/P-12)	12.00	Rft	Rs.	240.50	P.Rft	Rs.	2886.00
16. Providing and fixing iron / steel grill using solid square bars of size 1/2"x1/2" placed at 4" c/c and frame of flat iron 3/4"x1/4" including circle shape at 1-0 apart equivalent fitted with screws or pins including painting 3 coats with 1st coat of red oxide paint etc. (S.I.No. 30/P-94)	12.00	Sft	Rs.	194.16	P.Sft	Rs.	2330.00
17. Making and fixing steel grated door with 1/16" thick sheeting including angle iron frame 2"x2"x3/8"and 3/4" square bars 4" c/c with locking arrangement. (S.I.No. 24/P-92)	50.00	Sft	Rs.	726.72	P.Sft	Rs.	36336.00
18. Cement plaster 1:6 upto 20 height (b) 1/2" thick. (S.I.No.13(b)/P-52)	2335.00	Sft	Rs.	2206.60	%Sft	Rs.	51524.00

19. Cement plaster 1:4 upto 20 height (a) 3/8" thick. (S.I.No.11(a)/P-52)	2335.00	Sft	Rs.	2197.52	%Sft	Rs.	51312.00
20. Coloured glazed tiles 1/4" thick dodo jointed in white cement & pigment and laid over 1:2 cement sand mortar 3/4" thick including finishing. (S.I.No. 38/P-45)	218.00	Sft	Rs.	28299.30	%Sft	Rs.	61692.00
21. Laying floor of approved coloured glazed tiles 1/4" thick laid in white cement & pigment over a bed of 3/4" thick cement mortar 1:2. (S.I.No. 25/P-43)	105.00	Sft	Rs.	27747.06	%Sft	Rs.	29134.00
22. Providing and laying Hala or pattern tiles glazed 8"x8"x1/4" on floor or wall facing in required pattern of Stile specification jointed in white cement and pigment over a base of 1:2 gray cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, cleaning and cost of wax polish etc complete including cutting tiles to proper profile. (S.I.No. 62/P-62)	52.00	Sft	Rs.	34520.31	%Sft	Rs.	17951.00
23. Providing and laying topping cement concrete 1:2:4 including surface finishing and dividing into panels (c) 2" thick. (S.I.No. 16(c)/P-42)	104.00	Sft	Rs.	3502.38	%Sft	Rs.	3642.00
24. First class deodar wood wrought, joinery in doors and windows etc, fixed in position including chowkats, hold fasts, hinges, iron tower bolts, chocks, cleats, handles and cords with hooks etc. Deodar panelled or panelled and glazed or fully glazed (b)1.75" thick . (S.I.No. 7(b) /P-58)	34.00	Sft	Rs.	1273.76	P.Sft	Rs.	30700.00
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25. Priming coat of chalk under distemper. (S.I.No. 23/P-54)	180.00	Sft	Rs.	442.75	%Sft	Rs.	797.00
26. Distemping (c) 3 coats. (S.I.No. 24(c)/P-54)	180.00	Sft	Rs.	1079.65	%Sft	Rs.	1943.00
27. Preparing the surface and applying the Rock Wall / Shield (Natural Wall Texture) coating to provide durable crust to wall, thickness between 2 - 32 mm (1/8") with acrylic co-polymer emulsion, selected marble chips, adhesive & bactericides, water resistant, fire proof and termite resistant upto 20 ft height. (S.I.No. 43/P-56)	2023.00	Sft	Rs.	4504.50	%Sft	Rs.	91126.00
28. Painting new surfaces (c) Preparing surface and painting of doors and windows any type (including edges) (I&ii) 3 coats. (S.I.No. 5(c)/I&ii/P-70)	68.00	Sft	Rs.	2116.41	%Sft	Rs.	1439.00
29. Painting new surfaces (d) Preparing surface and painting guard bars, gates of iron bars, gratings, railings including standard braces etc and similar open work (I&ii) 3 coats. (S.I.No. 5(d)/I&ii/P-70)	100.00	Sft	Rs.	1270.83	%Sft	Rs.	1271.00
30. Providing & laying Display Board of polished marble 1" thick with scratching calligraphy in desired shape set over a base of 1:2 gray cement mortar 3/4" thick and wooden picture rail of size 3" x 3/4" all around, with finishing, cleaning, curring etc complete. as per directions of Engineer Incharge. (R.A Approved)	6.00	Sft	Rs.	1000.00	P.Sft	Rs.	6000.00

Total S.I except Steel Work, Marble, G.Tiles, Alcop D&W, F.Door, W.Guaze & P.Block Rs. 564560.0

Total Steel Work Rs. 98686.0

Total Marble, G.Tiles, Alcop D&W, F.Door, W.Guaze & P.Block Rs. 108777.0

Total N.S.I Rs. 6000.0

Premium _____ % on Total S.I except Steel Work, Marble, G.Tiles, Alcop D&W, F.Door, W.Guaze & P.Block Rs.

Premium _____ % on Steel Wo Rs.

Premium _____ % on Total Marble, G.Tiles, Alcop D&W, F.Door, W.Guaze & P.Block Rs.

Grand Total Part A Rs.

Schedule B (WS & Sanitary)

Name Of Work **Rehabilitation / Reconstruction of existing Government Elementary Schools of**

Taluka Kotri District Jamshoro @ GBPS G.Qadir Khaskheli

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)/i/P-1)	2.0	No.	Rs. 4846.60	Each	Rs. 9693.00
02. 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)	1.0	No.	Rs. 4928.00	Each	Rs. 4928.00
03. Add extra labour for providing and fixing of Earthenware Pedestle white or coloured glazed (Foreign Or Equivalent). (S.I.No. 11/P-3)	1.0	No.	Rs. 2533.47	Each	Rs. 2533.00
04. 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)	1.0	No.	Rs. 2042.43	Each	Rs. 2042.00
05. 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)	3.0	No.	Rs. 447.15	Each	Rs. 1341.00
06. 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)	1.0	No.	Rs. 10322.40	Each	Rs. 10322.00
07. 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)	4.0	No.	Rs. 72.16	Each	Rs. 289.00
08. 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)	50.0	Rft	Rs. 73.21	P.Rft	Rs. 3661.00
(ii) 3/4" dia. (S.I.No.1(ii)/P-12)	50.0	Rft	Rs. 95.79	P.Rft	Rs. 4790.00
(iii) 1" dia. (S.I.No.1(iii)/P-12)	25.0	Rft	Rs. 128.55	P.Rft	Rs. 3214.00
09. 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)	50.0	Rft	Rs. 7.82	P.Rft	Rs. 391.00
10. Supplying & fixing Long Bib Cock with C.P head 1/2" dia. (Item No. 827 Ilyas Brand). (LQR)	2.0	No.	Rs. 3105.00	Each	Rs. 6210.00
11. Supplying & fixing concealed Tee Cock with C.P head 1/2" dia. (Item No. 831 Ilyas Brand). (LQR)	3.0	No.	Rs. 2513.00	Each	Rs. 7539.00
12. Supplying & fixing Swan Type Pillar Cock with C.P head 1/2" dia. (Item No. 798 A Ilyas Brand). (LQR)	1.0	No.	Rs. 5400.00	Each	Rs. 5400.00
13. Providing and fixing Handle Valves (China)					
(ii) 3/4" dia. (S.I.No. 5(ii)/P-17)	1.0	No.	Rs. 271.92	Each	Rs. 272.00
(iii) 1" dia. (S.I.No. 5(iii)/P-17)	1.0	No.	Rs. 365.42	Each	Rs. 365.00

14. 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)

Pipe (Class B)

	15.0	Rft	Rs.	450.00	P.Rft	Rs.	6750.00
Tee							
	2.0	No.	Rs.	955.00	Each	Rs.	1910.00
Tee with back port (Plug Tee)							
	1.0	No.	Rs.	1245.00	Each	Rs.	1245.00
45° Skew Tee (WyeTee)							
	1.0	No.	Rs.	1310.00	Each	Rs.	1310.00
Elbow 90°							
	2.0	No.	Rs.	660.00	Each	Rs.	1320.00
Elbow 90° with back port							
	1.0	No.	Rs.	1025.00	Each	Rs.	1025.00
Elbow 45°							
	1.0	No.	Rs.	630.00	Each	Rs.	630.00
Vent Cowl							
	2.0	No.	Rs.	300.00	Each	Rs.	600.00

15. 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.	20.0	Rft	Rs.	226.00	P.Rft	Rs.	4520.00
(k) 6" dia.	20.0	Rft	Rs.	483.00	P.Rft	Rs.	9660.00

16. 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
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17. 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
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Total S.I except Pipe Work	Rs.	32176.00
Pipe Work (GI/RCC/Asbestoes)	Rs.	25845.00
Total N.S.I	Rs.	108439.00

Premium _____ % on S.I
except Pipe Work Rs.
Premium _____ % on Pipe Worl Rs.

Grand Total Part B Rs.