

Schedule B (Civil)

Name Of Work **Repair & Maintenance of existing Nonfunctional Toilets & Damaged B.Wall of Different Primary / Secondary Schools @ GGPS Ahadi Shoro Taluka Kotri District Jamshoro**

| Description | Quantity | Rate | Unit | Amount |
|--|-------------------------|---------------------|-------|--------------|
| 01. Removing door with chowket. (S.I.No. 33(a)/P-12) | 2.00 No | Rs. 142.18 | P.No | Rs. 284.00 |
| 02. Removing window and sky light with chowket. (S.I.No. 33(b)/P-12) | 2.00 No | Rs. 102.85 | P.No | Rs. 206.00 |
| 03. Dismantling cement concrete plain 1:2:4. (S.I.No. 19(c)/P-10) | 20.00 Cft | Rs. 3327.00 | %Cft | Rs. 665.00 |
| 04. Dismantling cement concrete reinforced. Separating reinforcement from concrete, cleaning and straightening the same. (S.I.No. 20/P-10) | 82.00 Cft | Rs. 5445.00 | %Cft | Rs. 4465.00 |
| 05. Dismantling brick masonry in lime or cement mortar. (S.I.No. 13/P-10) | 294.00 Cft | Rs. 1285.63 | %Cft | Rs. 3780.00 |
| 06. Excavation in rock, dressed to designed section, grades and profiles, excavated material disposed off within 100 ft & lift upto 5 ft (a) Soft rock, slate, schist or laterite work with pick and crow bar. (S.I.No. 6(a)/P-2) | 292.00 Cft | Rs. 7260.00 | %oCft | Rs. 2120.00 |
| 07. Cement concrete brick or stone ballast 1.5" to 2" gauge (b) Ratio 1:4:8. (S.I.No. 4(b)/P-15) | 64.00 Cft | Rs. 9416.28 | %Cft | Rs. 6026.00 |
| 08. Pacca brick work in foundation and plinth in cement sand mortar 1:6. (S.I.No. 4(i)/e/P-21) | 125.00 Cft | Rs. 11948.36 | %Cft | Rs. 14935.00 |
| 09. 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) | 221.00 Sft | Rs. 3127.41 | %Sft | Rs. 6912.00 |
| 10. 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) | 133.00 Cft | Rs. 14429.25 | %Cft | Rs. 19191.00 |
| 11. 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) | 114.00 Cft | Rs. 337.00 | P.Cft | Rs. 38418.00 |
| 12. 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) | Qty Same As Item No 11. | 114.00 x 5.00 / 112 | = | 5.00 |
| | 5.00 Cwt | Rs. 5001.70 | P.Cwt | Rs. 25009.00 |
| 13. 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) | 195.00 Cft | Rs. 1512.50 | %oCft | Rs. 295.00 |
| 14. Supplying and filling sand under floors and plugging in wells. (S.I.No. 29/P-26) | 152.00 Cft | Rs. 1141.25 | %Cft | Rs. 1735.00 |
| 15. Pacca brick work in ground floor in cement sand mortar 1:6. (S.I.No. 5(i)/e/P-21) | 218.00 Cft | Rs. 12674.36 | %Cft | Rs. 27630.00 |
| 16. 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) | 34.00 Rft | Rs. 228.90 | P.Rft | Rs. 7783.00 |
| 17. 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-93) | 14.00 Rft | Rs. 240.50 | P.Rft | Rs. 3367.00 |

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|-----|--|--------|-----|-----|----------|--------------|-----|--------------------------------|
| 18. | 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) | 4.00 | Sft | Rs. | 194.16 | P.Sft | Rs. | 777.00 |
| 19. | Cement plaster 1:6 upto 12' height (b) 1/2" thick. (S.I.No.13(b)/P-52) | 911.00 | Sft | Rs. | 2206.60 | %Sft | Rs. | 20102.00 |
| 20. | Cement plaster 1:4 upto 12' height (a) 3/8" thick. (S.I.No.11(a)/P-52) | 911.00 | Sft | Rs. | 2197.52 | %Sft | Rs. | 20019.00 |
| 21. | Providing and laying tiles glazed 6"x6"x1/4" on floor or wall facing in required colour & 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. 60/P-47) | 323.00 | Sft | Rs. | 30509.77 | %Sft | Rs. | 98547.00 |
| 22. | 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 |
| 23. | 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) | 35.00 | Sft | Rs. | 1273.76 | P.Sft | Rs. | 31603.00 |
| | | | | | 902.93 | Only Shutter | | |
| 24. | Providing and fixing with sunk iron screws wooden architrave approved design / shape having width not less than 2.5" as directed by Engineer Incharge . (S.I No. 60/P-66) | 35.00 | Rft | Rs. | 49.97 | P.Rft | Rs. | 1749.00 |
| 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 painting with weather coat including rubbing the surface with bathy (silicon carbide rubbing brick) / sand paper, filling the voids with zinc / chalk / plaster of paris mixture and then painting with weather coat of approved make (New Surface). (A&B) 3 Coats. (S.I.No. 38(A&B)/P56) | 503.00 | Sft | Rs. | 2567.95 | %Sft | Rs. | 12917.00 |
| 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) | 70.00 | Sft | Rs. | 2116.41 | %Sft | Rs. | 1481.00 |
| | Total S.I | | | | | | Rs. | 356398.00 |
| | Total N.S.I | | | | | | Rs. | 0.00 |
| | G.Total | | | | | | Rs. | <u><u>356398.00</u></u> |

Schedule B (WS & Sanitary)

| Name Of Work | Repair & Maintenance of existing Nonfunctional Toilets & Damaged B.Wall of Different Primary / Secondary Schools @ GGPS Ahadi Shoro Taluka Kotri District Jamshoro | | | | | | | |
|---|--|-----|------|---------|-------|-----|---------|--|
| 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) | 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 24"x18" Bavelled Edge Mirror of belgium glass complete with 1/8" thick hardboard and C.P screws fixed to wooden cleats (b) Superior quality. (S.I.No. 3(b)/P-7) | 1.0 | No. | Rs. | 2376.00 | Each | Rs. | 2376.00 | |
| 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 | |
| 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 of superior quality with C.P head 1/2" dia. (S.I.No. 13(a)/P-19) | 2.0 | No. | Rs. | 1109.46 | Each | Rs. | 2219.00 | |
| 11. Supplying & fixing concealed Tee Stop Cock of superior quality with C.P head 1/2" dia. (S.I.No. 12(a)/P-18) | 3.0 | No. | Rs. | 843.92 | Each | Rs. | 2532.00 | |
| 12. Supplying & fixing Swan Type Pillar Cock of superior quality with C.P head 1/2" dia. (S.I.No. 16(a)/P-19) | 1.0 | No. | Rs. | 795.30 | Each | Rs. | 795.00 | |
| 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 | |

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| 14. 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) | | | | | | | |
| (j) 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 |
| 15. Providing and fixing uPVC specials (Pak Arab or equivalent) of approved design fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also i/c all kind of labour, material, cartage etc as approved by Engineer incharge. (R.A.A) | | | | | | | |
| a. Socket | | | | | | | |
| 4" dia. | 2.0 | No. | Rs. | 279.00 | Each | Rs. | 558.00 |
| 6" dia. | 1.0 | No. | Rs. | 749.00 | Each | Rs. | 749.00 |
| b. Elbow 90° | | | | | | | |
| 4" dia. | 2.0 | No. | Rs. | 404.00 | Each | Rs. | 808.00 |
| 6" dia. | 1.0 | No. | Rs. | 981.00 | Each | Rs. | 981.00 |
| c. Tee | | | | | | | |
| 4" dia. | 2.0 | No. | Rs. | 570.00 | Each | Rs. | 1140.00 |
| 6" dia. | 1.0 | No. | Rs. | 1213.00 | Each | Rs. | 1213.00 |
| d. Clip 4" dia. | | | | | | | |
| | 2.0 | No. | Rs. | 146.00 | Each | Rs. | 292.00 |
| e. Cowl 4" dia. | | | | | | | |
| | 2.0 | No. | Rs. | 290.00 | Each | Rs. | 580.00 |
| 16. 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 including curing, excavation, back filling and disposal of surplus earth etc complete. (S.I.No. 4/P-20) | | | | | | | |
| | 1.0 | No. | Rs. | 4905.67 | Each | Rs. | 4906.00 |
| 17. 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) 350 gallons & wall thickness 4.0 mm. (S.I.No.3 III(b)/P-21) | | | | | | | |
| | 1.0 | No. | Rs. | 30773.42 | Each | Rs. | 30773.00 |
| 18. Providing & fixing water pumping set 1/2 H.P Single Phase 220 Volts, with 1"x1-1/4" suction & delivery 50 ft head including making C.C 1:3:6 plateform of required size & fixing with nuts & bolts etc complete in all respects. (R.A.A) | | | | | | | |
| | 1.0 | No. | Rs. | 14717.70 | Each | Rs. | 14718.00 |
| Total S.I | | | | | | Rs. | 88086.00 |
| Total N.S.I | | | | | | Rs. | 21039.00 |
| G.Total | | | | | | Rs. | 109125.00 |

Schedule B (Civil)

Name Of Work **Repair & Maintenance of existing Nonfunctional Toilets & Damaged B.Wall of Different Primary / Secondary Schools @ GGPS Ahadi Shoro Taluka Kotri District Jamshoro**

| Description | Quantity | Unit | Rate | Unit | Amount |
|--|----------|------|--------------|-------|------------------------------------|
| 01. Dismantling brick masonry in lime or cement mortar. (S.I.No. 13/P-10) | 470.00 | Cft | Rs. 1285.63 | %Cft | Rs. 6042.00 |
| 02. Dismantling cement concrete reinforced. Separating reinforcement from concrete, cleaning and straightening the same. (S.I.No. 20/P-10) | 151.00 | Cft | Rs. 5445.00 | %Cft | Rs. 8222.00 |
| 03. Pacca brick work in foundation and plinth in cement sand mortar 1:6. (S.I.No. 4(i)/e/P-21) | 326.00 | Cft | Rs. 11948.36 | %Cft | Rs. 38952.00 |
| 04. 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) | 252.00 | Cft | Rs. 337.00 | P.Cft | Rs. 84924.00 |
| 05. 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) | 11.00 | Cwt | Rs. 5001.70 | P.Cwt | Rs. 55019.00 |
| 06. Pacca brickwork in other than building including striking of joints upto 20 ft height in cement sand mortar 1:6. (S.I.No. 7(i)/e/P-22) | 361.00 | Cft | Rs. 12346.65 | %Cft | Rs. 44571.00 |
| 07. 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 |
| 08. Cement plaster 1:6 upto 12' height (b) 1/2" thick. (S.I.No.13(b)/P-52) | 3602.00 | Sft | Rs. 2206.60 | %Sft | Rs. 79482.00 |
| 09. Cement plaster 1:4 upto 12' height (a) 3/8" thick. (S.I.No.11(a)/P-52) | 3602.00 | Sft | Rs. 2197.52 | %Sft | Rs. 79155.00 |
| 10. 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) | 40.00 | Sft | Rs. 34520.31 | %Sft | Rs. 13808.00 |
| 11. Preparing the surface and painting with weather coat including rubbing the surface with bathy (silicon carbide rubbing brick) / sand paper, filling the voids with zinc / chalk / plaster of paris mixture and then painting with weather coat of approved make (New Surface). (A&B) 3 Coats. (S.I.No. 38(A&B)/P56) | 3602.00 | Sft | Rs. 2567.95 | %Sft | Rs. 92498.00 |
| 12. 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 |
| Total S.I | | | | | Rs. 540280.00 |
| Total N.S.I | | | | | Rs. 0.00 |
| G.Total | | | | | Rs. <u><u>540280.00</u></u> |