

SCHEDULE "B"

Name of Work:-

*ADP-244 Up-Gradation of primary Schools to Middle Schools in District
Badin (2017-18) @ GBLSS Ali Khan Jamali Taluka
Tando Bago.*

S.No	Description.	Qty.	Rate.	Unit.	Amount.
1	Excavation in foundation of building bridges and other structure I/c dagbelling dreesing around the structure with excavated earth watering a dramming lead upto one chain and lift upto 5 feet.(S.I.No.18/p-4).				
		<u>6464.00</u>	3176.25	0%Cft	Rs: 20531 /-
					(Rs: three thousand one hundred seventy six & Paisa twenty five only)
2	Cement concrete or stone ballast 1-1/2" to 2" gauge ratio 1:5:10. (S.I.No:- 4/P-14).				
		<u>3398.00</u>	8694.95	%Cft	Rs: 295454 /-
					(Rs: eight thousand six hundred ninety four & Paisa ninty five only)
3	Pacca brick work in foundation & plinth in cement sand martor . ratio 1:6 (S.I.NO: 4-ie/P-19)				
		<u>6422.00</u>	11948.36	%Cft	Rs: 767324 /-
					(Rs: eleven thousand nine hundred forty eight and Paisa thirty six only)
4	R.C.C. work I/c all labour and material execept the cost of steel reinforcement and its labour for bending and binding which will be paid sperately. This rate also I/c all kinds of moulds lifting shuttering curing rendering and finishing the exposedsurface (I/c screening and washing of shingle)(a) R.C.work in roof slab,beams columns rafts lintels and other structural members laid in situe or precast laid in position complete in all respect(1) Ratio 1:2:4 90 lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge.(S.I.No.6ai/P-19).				
		<u>3512.00</u>	337.00	P.Cft	Rs: 1183544 /-
					(Rs: three hundred thirty seven only)
5	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire (also i/c removal of rust from bars) (S.I.No:7-a /P-20).				
	a) Tor Steel	<u>188.14</u>	5001.70	P. Cwt	Rs: 941020 /-
					(Rs: five thousand one & Paisa seventy only)
6	Filling watering and ramming earth under floor surplus earth from foundation one chain and lift upto 5" feet.(S.I.No.21/p-4).				
		<u>2677.00</u>	1512.50	0%Cft	Rs: 4049 /-
					(Rs: one thousand five hundred twelve and paisa fifty only)
7	Filling watering and ramming earth under floor new earth from excav ated outside lead upto one chain and lift upto 5" feet.(S.I.No.22/p-4).				
		<u>5307.00</u>	1141.25	%Cft	Rs: 60566 /-
					(Rs: one thousand one hundred forty one & Paisa twenty five only)
8	Pacca brick work in Ground Floor in cement sand mortar ratio 1:6) (S.I.No.5(d) / P-20)				
		<u>5050.00</u>	12674.36	% Cft	Rs: 640055 /-
					(Rs: twelve thousand six hundred seventy four & Paisa thirty six only)

S.No.	Description.	Qty.	Rate.	Unit.	Amount.
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- 9 Pacca brick work in other then building in cement sand mortar
ratio 1:6 (S.I.No.7(I-e)/P-21)

1713.0 12346.65 %Cft Rs: 211498 /-
(Rs: twelve thousand three hundred forty six & Paisa sixty five only)

- 10 P/F G.I. frames/chowkats size of 7"x2" or 4-1/2" x3" for windows using 20 guage
GI sheet I/c welded hings and fixing at site with necessary holds fasts filling with
cement sand slurry of ratio 1:6 and repairing the jambs.The cost also I/c all carriage.
tools and plants used in making and fixing. (S.I.No.28/P-92)

158.00 240.50 P.Rft Rs: 37999 /-
(Rs: two hundred forty and paisa fifty only)

- 11 P/F G.I. frames/chowkats size of 7"x2" or 4-1/2" x3" for door using 20 guage
GI sheet I/c welded hings and fixing at site with necessary holds fasts filling with
cement sand slurry of ratio 1:6 and repairing the jambs.The cost also I/c all carriage.
tools and plants used in making and fixing. (S.I.No.29/P-92)

690.00 228.90 P.Rft Rs: 157941 /-
(Rs: two hundred twenty eight & Paisa ninty only)

- 12 Cement plaster 1:6 upto 12 ft height 1/2" thick. (S.I.No.13-c/P-51)

16015.00 2206.60 % Sft Rs: 353387 /-
(Rs: two thousand two hundred six and paisa sixty only)

- 13 Cement plaster 1:4 upto 12 ft height 3/8" thick. (S.I.No.11-a/P-51)

16015.00 2197.52 %Sft Rs: 351933 /-
(Rs: two thousand one hundred ninty seven and paisa fifty two only)

- 14 Cement plaster 1:4 upto 12 ft height 3/4" thick. (S.I.No.11-c/P-51)

438.00 3015.76 %Sft Rs: 13209 /-
(Rs: three thousand fifteen and paisa seventy six only)

- 15 Extra labour rate for making cement plaster pattas/bend width not less
then 6" wide with fine finishing as directed by Engineer Incharge.

876.00 19.36 P.Sft Rs: 16959 /-
(Rs: ninteen & Paisa thirty six only)

- 16 Cement concrete plain i/c placing compacting, finishing and curing,
complete (i/c screening & washing of stone aggregate without
shuttring ratio 1:2:4. (S.I.No.5(f)/P-15).

457.0 14429.25 % Sft Rs: 65942 /-
(Rs: fourteen thousand four hundred twenty nine & Ps: twenty five only)

- 17 First class deodar wood wrought joinery in doors and windows etc fixed in
position I/c chawkhats, holdfasts hinges, iron tower bolts, handles and cords
with hooks etc deodar panelled or panelled and glazed or fully glazed
1-3/4" thick. (S.I.No.7b/P-57) (Shutters).

515.00 902.93 P.Sft Rs: 465009 /-
(Rs: nine hundred two and paisa ninty three only)

S.No.	Description.	Qty.	Rate.	Unit.	Amount.
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- 18 S/F in position iron/steel grill of 3/4"x1/4" size flat iron of approved design I/c painting 3 coats etc complete (weight not to be less than 3.7 lbs sq. foot of finished grill).(S.I.No. 26/P-92).

435.00 180.50 P.Sft. Rs: 78518 /-
(Rs: one hundred eighty and paisa fifty only)

- 19 P/F iron steel grill door with angle iron frame of 1 1/2"x 1 1/2"x 1/4" and flat iron of 3/4"x1/4" with approved design and locking arrangement embed in Masonary as per instructions of Engineer Incharge. (S.I.No. 31/P-93)

109.00 231.60 P.Sft. Rs: 25244 /-
(Rs: two hundred thirty one and paisa sixty only)

- 20 M/F steel grated door with 1/16" thick sheeting I/c angle iron frame 2"x2"x3/8"&3/4" square bars 4" centre to centre with locking arrangement.(S.I.No. 24/P-91).

78.0 726.72 P.Sft. Rs: 56684 /-
(Rs: seven hundred twenty six and paisa seventy two only)

- 21 P/L 1" thick CC 1:2:4 topping I/c surface finishing and dividing into panells (S.I.No.16/P-41)

a) 2" thick 4527.00 3275.50 %Sft Rs: 148282 /-
(Rs: three thousand two hundred seventy five & Paisa fifty only)

b) 3" thick 576.00 4411.82 %Sft Rs: 25412 /-
(Rs: four thousand four hundred eleven & Paisa eighty two only)

- 22 Cement pointing struck joints on walls 1:2 (S.I.No.19/P-52)

3659.0 1287.44 % Sft Rs: 47107 /-
(Rs: one thousand two hundred eighty seven & Paisa forty four only)

- 23 Making notice board made with cement (S.I.No.1/P-94)

160.0 58.11 P.Sft. Rs: 9298 /-
(Rs: fifty eight and paisa eleven only)

- 24 Laying floor of approved coloured glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick CM 1:2(S.I.No. 25/P-42)

158.0 27747.06 % Sft Rs: 43840 /-
(Rs: twenty seven thousand seven hundred forty seven & Ps: six only)

- 25 Glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 CSM 3/4" thick i/c finishing (S.I.No.38/P-44)

442.0 28299.30 % Sft Rs: 125083 /-
(Rs: twenty eight thousand two hundred ninty nine & Ps: thirty only)

S.No.	Description.	Qty.	Rate.	Unit.	Amount.
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- 26 P/L HALA or pattern tiles glazed 8"x8"x1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick i/c 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 i/c cutting tiles to proper profile.(S.I.No.61/P-47)

371.0 34520.31 % Sft Rs: 128070 /-

(Rs: thirty four thousand five hundred twenty & Ps: thirty one only)

- 27 P/F 3/8" thick marble tiles of approved quality and colour and shades size 8" x 4"x6" x 4" in dado stricking anf facing removal /trucking of existing Plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry. curring, cleaning, finishing and (I) for new Work (S.I.No. 68/P-48)

285.0 186.04 P.Sft Rs: 53021 /-

(Rs: one hundred eighty six & Ps: four only)

- 28 White washing three coats (S.I.No26/P-53)

3270.00 829.95 % Sft Rs: 27139 /-

(Rs: eight hundred twenty nine and paisa ninty five only)

- 29 Primary coat of chalk under distemper (S.I.No.23/P-53)

15472.00 442.75 %Sft Rs: 68502 /-

(Rs: four hundred forty two and paisa seventy five only)

- 30 Distempering three coats (S.I.No.24/P-53)

15472.00 1079.65 %Sft Rs: 167043 /-

(Rs: one thousand seventy nine and Ps: sixty five only)

- 31 Colour wah two coats.(S.I.No.25/P-53)

3659.0 859.90 % Sft Rs: 31464 /-

(Rs: eight hundred fifty nine and paisa ninty only)

- 32 Painting new surface (c) painting door and windows any type three coats. (S.I.No.4-c/P-67).

1197.00 2116.41 %Sft Rs: 25333 /-

(Rs: one thousand six hundred sixty two and paisa twenty one only)

- 33 Two coats of bitumen laid hot using 34 Lbs for %Sft. Over roof & blinded with sand at one Cft per % Sft (S.I.No.13/P-34)

3627.00 1887.40 %Sft Rs: 68456 /-

(Rs: one thousand eight hundred eighty seven and paisa forty only)

Total Rs: 6714916 /-

S.No.	Description.	Qty.	Rate.	Unit.	Amount.
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VERONA MARBLE TILES (NON-SCHEDULE ITEM)

- 1 P/L & floor of Verona marble tiles of size 12" x 12 " x 3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting tiles with grey cement slurry, jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles, i/c cutting, grinding, rubbing and polishing etc. complete i/c cutting tiles to proper profile (R.A).

2670 310.43 P.Sft Rs: 828848 /-
(Rs: three hundred ten and Paise forty three only)

G.Total:- Rs: 828848 /-

PART- B (W/S & S/F)

- 1 P/F squatting type white glazed earthen ware W.C. pan with I/c cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth & floor for pipe connections & making good in cement concrete 1:2:4.
(a) W.C. pan of not less than 19" clear opening between flushing rims and 3 gallons flushing tank (i) with 4@ dia C.I. trape.(S.I.No.1(b-i)/P-1).

3.00 4802.60 P/No. Rs. 14408 /-
(Rs: four thousand eight hundred two and paise sixty only)

- 2 P/F 6"x2" or 6"x3" C.I floor trap of the approved self cleaning designe with a C.I screwed down grating with or without a vent arm complete with & I/c making requisite number of holes in walls plinth & floor for pipe connection & making good in cement concrete 1:2:4 (S.I.No. 20/P-6).

5.00 2024.43 P/No. Rs. 10122 /-
(Rs: two thousand twenty four and paise forty three only)

- 3 Providing and fixing 4" dia C.I Soil & vent pipes I/c cutting and fitting and extra painting to match the colour of building (S.I.No.1/P-09)

36.00 333.29 P.Rft Rs. 11998 /-
(Rs: three hundred thirty three and paise twenty nine only)

- 4 Providing and fixing 4" Dia C.I terminal guard I/c extra painting to match the colour of the building.(S.I.No.11/P-10)

6.00 389.70 Each Rs. 2338 /-
(Rs: three hundred eighty nine and paise seventy only)

- 5 Providing and fixing 4" x4" x4 dia C.I branch of the required degree with access door. Rubber washer 3/8" thick and bolts & nuts and extra painting to match the colour of the building.(S.I.No.5/P-09)

6.00 702.60 Each Rs. 4216 /-
(Rs: seven hundred two and paise sixty only)

- 6 S/F Consealed tee-stop cock of superior quality with cp head 1/2" dia (S.I.No.12-b/P-8)

8.00 889.46 P.No Rs. 7116 /-
(Rs: eight hundred eighty nine and paise forty six only)

S.No.	Description.	Qty.	Rate.	Unit.	Amount.
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- 7 S/Fixing long bib cock of superior quality with C.P head 1/2" dia
(S.I.No.13-a/ P-19).

9.00 1109.46 P.No Rs. 9985 /-
 (Rs: one thousand one hundred nine and paisa forty six only)

- 8 P/F 24"x18" lav: bassin in white glazed earthen were complete with and i/c the cost of CI or WI cantilever bracktes 6" built into walls, painted white in two coats after a primary coat of red lead paint a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malloable iron or brass unions and making

2.00 4253.90 P.No Rs. 8508 /-
 (Rs: four thousand two hundred fifty three and paisa ninety only)

- 9 Add extra labour for P/F of earthen were padestal white or coloured glazed
(Foreign or equivalent) (S.I.No.9/P-3)

2.00 938.47 P.No Rs. 1877 /-
 (Rs: nine hundred thirty eight and paisa forty seven only)

- 10 S/F swan type pillar cock of superior quality single c.p head 1/2" dia.
(S . I . No . 16 (a) / P - 19)

2.00 795.00 P.No Rs. 1590 /-
 (Rs: seven hundred ninety five only)

- 11 Providing chambers 9"x6" (i/s demensions) x 24" deep for stop cocks and valves etc with 4-1/2" thick burnt back masonry wall in 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 2" thick cement plaster 1:3 C.M to all inside walls surfaces and to top 1" thick C.C1:2:4 flooring complete with cast iron hinged cover and frame 9"x6" (inside) clear opeing (wt: 1/2 Qr) etc fixed in cement concreete 1:2:4 i/c curring, excavation back filling & disposal of earth etc complete. (S.I.No: 3/P-20).

3.00 2233.02 Each Rs. 6699 /-
 (Rs: two thousand two hundred thirty three and paisa two only)

- 12 Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6" (1067 mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick, inside of walls and 1" (25 mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2' x 1-1/2' (457x457 mm) of 1.75 cwt. (88.9 kg) embaded in plain C.C 1:2:4 & fixing 1" (25 mm) dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc. complete as per standared specification & Drawing (S.I.No: 01/P-46).

1.00 14748.00 Each Rs. 14748 /-
 (Rs: fourteen thousand seven hundred forty eight only)

- 13 P/F handle valves (China) (S.I.No.5-i/P-17).

a) 1/2" dia

2.00 200.42 Each Rs. 401 /-
 (Rs: two hundred & Pasia forty two only)

S.No.	Description.	Qty.	Rate.	Unit.	Amount.
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b) 3/4" Dia. 2.00 271.92 Each Rs. 544 /-
 (Rs: two hundred seventy one & Pasia ninety two only)

- 14 Supplying & fixing fiber glass tank of approved quality and desing and wall thickness as specified I/c cost of nuts, bolts and fixing in plateform of cement concrete 1:3:6 and making connections for in let out let & over flow inlet outlet flow pipes etc. complete (S.I.No.3(c)/P-21)

500 Gallons 1.00 37505.42 Each Rs. 37505 /-
 (Rs: thirty seven thousand five hundred five & Pasia forty two only)

350 Gallons 1.00 30773.42 Each Rs. 30773 /-
 (Rs: thirty thousand seven hundred seventy three & Pasia forty two only)

- 15 Providing R.C.C pipes with collars class "B" and digging the trenches to required depth and fixing in position I/c cutting fitting and jointing with maphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe & refilling with excavated staff 6" dia R.C.C pipes class "B" (S.I.No.2-b/P-23)

4" Dia 114.00 146.57 P.Rft Rs. 16709 /-
 (Rs: one hundred forty six & Pasia fifty seven only)

- 16 Providing G.I. Pipes specials and clamps etc I/c fixing cutting & fitting I/c cost of breaking through walls and floor making good etc painting two coats after cleaning the pipe etc with white zink paint with pigment to match the colour of the building & testing with water to a pressure head of 200 ft: and handling (External). (S.I.No.1-ii/P-14).

a) 3/4" Dia. 180.00 86.36 P.Rft Rs. 15545 /-
 (Rs: eighty six & Pasia thirty six only)

b) 1/2" Dia. 150.00 73.21 P.Rft Rs. 10982 /-
 (Rs: seventy three & Pasia twenty one only)

- 17 Add Extra labour for concealed G.I Pipe & Fitting i/c making recess in the wall for pipe & making good in cement mortor etc complete. (S.I.No: 2-i/P-12).

150.00 7.82 P.Rft Rs. 1173 /-
 (Rs: seven & Pasia eighty two only)

- 18 Providing PVC Pipes of Class "D" (equivalent) in trenches I/c cutting fitting and jointing with "Z" joints with one rubber ring I/c testing with water to a head of 122 meters or 400 feet (25 mm) 1" dia (S.I.No.3/P-23). (PHE)

500.00 28.00 P.Rft Rs. 14000 /-
 (Rs: twenty eight only)

TOTAL:- Rs. 223457 /-

S.No.	Description.	Qty.	Rate.	Unit.	Amount.
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Non-Schedule Item

- 1 P&F water pipping set 1/2 H.P Motor Block single phase 220 volts with 1" x 1 1/4" suction and delivery 50 ft head i/c making C.C 1:3:6 plate form of required size and fixing with nuts and bolts (local made) (R.A).

1.00 14417.70 Each. Rs: 14418 /-
(Rs: fourteen thousand four hundred seventeen & Pasia seventy only)

TOTAL:- RS: 14418 /-