

SCHEDULE - B.

Name of Work:- ADP- 244 Up-Gradation of Primary Schools to Middle Schools in District Badin (2017-18 Programme) @ GBPS Haji Muhammad Halepoto U/C Phalkara, Taluka Matli District Badin. (Semis.Code No. 401030342)

S.No.	Description.	Qty.	Rate.	Unit.	Amount.
1	Excavation in foundation of building briges and other structure I/c dagbelling dreesing,refilling around the structure with excavated earth watering and ramming lead upto 5 feet, (b) In ordinary soil. (S.I.No.18.b/P-4).				
		<u>6464.00</u>	3176.25	%0Cft	Rs. 20531 /-
					(Rs.Three thousand one hundred seventy six & ps twenty five only).
2	Cement concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:5:10. (S.I.No:- 4.C/P-15).				
		<u>3398.00</u>	8694.95	%Cft	Rs: 295454 /-
					(Rs.Eight thousand six hundred ninty four & ps ninty five only).
3	Pacca brick work in foundation & plinth in cement sand martor ratio 1:6 (S.I.No: 4,(I)(e) /P-20.21).				
		<u>6422.00</u>	11948.36	%Cft	Rs: 767324 /-
					(Rs.Eleven thousand nine hundred fourty eight & ps thirty six only).
4	R.C.C. work I/c all labour and material except 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 forms 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 situ or precast laid in position complete in all respect(I) Ratio (1:2:4) 90 lbs cement 2 Cft sand 4 Cft shingle 1/8" to 1/4" gauge.(S.I.No.6(a),i/P-16).				
		<u>3512.00</u>	337.00	P/Sft	Rs: 1183544 /-
					(Rs.Three hundred thirty seven & ps zero only).
5	(a)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 (b) using Tor Bars) (S.I.No:8-(a)+(b)/P-17).				
	<u>a) Tor Steel</u>				
		<u>188.14</u>	5001.70	P/Cwt	Rs: 941020 /-
					(Rs.Five Thousand one & ps seventy only).
6	Filling watering remmaning earth under floor surplus earth from foundation one chain and lift upto 5" feet (S.I.No.21/P-5)				
		<u>2677.00</u>	1512.50	%0Sft	Rs: 4049 /-
					(Rs.One Thousand two hundred twelth & ps fifty only).

- 7 Filling watering remmaning earth in floor with surplus earth from foundation lead upto one chain and lift upto 5" feet (S.I.No.21/P-4)
- 5307.00 1141.25 %Cft Rs: 60566 /-
- (Rs.One Thousand one hundred fourty one & ps twenty five only).
- 8 Pacea brick work in ground floor in cement sand mortar ratio 1:6.(S.I.No:5(I)(e) /P-21).
- 5050.00 12674.36 % Cft. Rs: 640055 /-
- (Rs.Twelth thousand six hundred seventy four & ps thirty six only).
- 9 Pacea brick work other than building i/c striking of joints upto 20 feet height in cement sand mortar ratio 1:6 (S.I.No: 7.(I)(e) /P-22).
- 1713.00 12346.65 %Cft Rs: 211498 /-
- (Rs.Twelth thousand three hundred fourty six & ps sixty five only).
- 10 P/F G.I. frames/chowkats of size 7"x2" or 4-1/2" x 3" for door using 20 guage GI sheet l/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 l/c all carriage, tools and plants used in making and fixing. (S.I.No.29/P-93)
- 690.00 228.90 P.Rft Rs: 157941 /-
- (Rs.Two hundred twenty eight & ps ninty only).
- 11 P/F G.I. frames/chowkats of size 7"x2" or 4-1/2" x 3" for window using 20 guage GI sheet l/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 l/c all carriage, tools and plants used in making and fixing. (S.I.No.28/P-93)
- 158.00 240.50 P.Rft Rs: 37999 /-
- (Rs.Two hundred fourty & ps fifty only).
- 12 Cement plaster 1:6 upto 12' ft height 1/2" thick. (S.I.No.13(b) /P-52)
- 16015.00 2206.60 %Sft Rs: 353387 /-
- (Rs.Two Thousand two hundred six & ps sixty only).
- 13 Cement plaster 1:4 upto 12' ft height 3/8" thick. (S.I.No.11(a) /P-52)
- 16015.00 2197.52 %Sft Rs: 351933 /-
- (Rs.Two Thousand one hundred ninty seven & ps fifty two only).
- 14 Cement plaster 1:4 upto 12' ft height 3/4" thick. (S.I.No.11(c) /P-52)
- 438.00 3015.76 %Sft Rs: 13209 /-
- (Rs.Three Thousand fifteen & ps seventy six only).

- 15 Extra labour rate for making cement plaster pattas/band around straight or carved openings and around the edges of roof slabs, the width not less than 6" with fine finishing as directed by Engineer Incharge.(S.I.No.35/P-55)

876.00 19.36 P/Rft Rs. 16959 /-
(Rs.Nineteen & ps 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).

457.00 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 hold fasts hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. deodar panelled or panelled and glazed, or fully glazed 1-3/4" thick. (S.I.No.7 (b)/P-58) (Shutters).

515.00 902.93 P/Sft Rs: 465009 /-
(Rs.Nine hundred two & ps ninty three only).

- 18 Supplying & fixing in position iron steel grill of 3/4"x 1/4" 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-93)

435.00 180.50 P/Sft Rs: 78518 /-
(Rs.One hundred eighty & ps fifty only).

- 19 Providing and fixing iron steel grill door with angle iron frame of 1-1/2"x 1/2"x1/4" and flat iron of 3/4"x 1/4" with approved design and locking arrangement embeded in masonry as per instruction of Engineer in charge. (S.I.No.31/P-94)

109.00 231.60 P/Sft Rs: 25244 /-
(Rs.Two hundred thiry one & ps sixty only).

- 20 Making & fixing steel grated door with 1/16" thick sheeting I/c angle iron frame 2"x2"and 3/4" square bars 4" center to center with locking arrangmant (S.I.No.24/P-92) .

78.00 726.72 P/Sft Rs: 56684
(Rs.Seven hundred twenty six & ps seventy two only).

- 21 P/L 2" thick topping cement concrete 1:2:4 I/c surface finishing and dividing into panells. (S.I.No. 16(c) /P-42)

a) 2" Thick 4527.00 3275.50 %Sft 148282 /-
(Rs.Three Thousand two hundred seventy five & ps fifty only).

b) 3" Thick 576.00 4411.82 %Sft Rs: 25412 /-
(Rs.Four Thousand four hundred eleven & ps eighty tow only).

22 Cement pointing struck joints on walls ratio 1:2 (S.I.No.19(a)/P-53).

3659.00 1287.44 %Sft Rs: 47107 /-
(Rs.One Thousand two hundred eighty seven & ps fourty four only).

23 Notice board made with cement.(S.I.No.1/P-95).

160.00 58.11 P.Sft Rs: 9298 /-
(Rs.Fifty eight & ps eleven only).

24 Laying flour of approved coloured glazed tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2. (S.I.No. 25 /P-43)

158.00 27747.06 %Sft Rs: 43840 /-
(Rs.Twenty seven Thousand seven hundred fourty seven & ps zero six only).

25 Glazed tile dedo 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing (S.I.No:38 P-45)

442.00 28299.30 %Sft Rs: 125083 /-
(Rs.Twenty Eight Thousand two hundred Ninty nine & ps thirty only).

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 slury of white cement and piment 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).

371.00 34520.31 %Sft Rs: 128070 /-
(Rs.Thirty four Thousand five hundred twenty & ps thirty one only).

27 Providing and fixing 3/8" thick marble tiles of approved quality and colour shade size 8"x4/6"x3/8" in dado skirting and facing removal / tucking of existing plaster surface etc. Over 1/2" thick base of cement mortar 1:3 setting mortar base including filling the joints and washing the tiles with white cement slurry, current, finishing cleaning and polishing etc. complete. (ii) for old works (S.I.# 68(ii)/P-55)

285.00 186.04 P.Sft Rs. 53021 /-
(Rs.One hundred eighty six & ps zero four only).

28 White washing three coats (S.I.No.26(c) /P-54)

3270.00 829.95 % Sft Rs: 27139 /-
(Rs.Eight hundred twenty nine & ps ninty five only).

29 Primary coat of chalk under distemper (S.I.No.23/P-54).

15472.00 442.75 %Sft Rs: 68502 /-
(Rs.Four hundred fourty two & ps seventy five only).

30 Distemper three coats.(S.I.No.24(c) /P-54).

15472.00 1079.65 %Sft Rs: 167043 /-
(Rs.One thousand seventy nine & ps sixty five only).

31 Colour washig two coats.(S.I.No.25(b)/P-54)

3659.00 859.90 %Sft Rs: 31464 /-
(Rs.Eight hundred fifty nine & ps ninty only).

32 Painting new surface (c) preparing surface and painting door & windows any type,
(i/c edges).two coats.(S.I.No.5(c) i,ii /P-70).

1197.00 2116.41 %Sft Rs: 25333 /-
(Rs.Two Thousand one hundred sixteen & ps fourty one only).

33 Tow coast of bitumen laid 3/4 lbs over hot uding over roof and blinded with sand at one
cft per %Sft (S.I.No.13/P-41).

3627.00 1887.40 %Sft Rs: 68456 /-
(Rs.One thousand eight hundred eighty seven & ps fourty only).

TOTAL Rs:- 6714916 /-

VERONA MARBLE TILES (NON-SCHDULE ITEM)

36 Providing & laying floor of verona marble tiles of 12"x12"x3/4" fine dressed on the
surface without winding set in white cement laid over 3/4" thick paid of 1:2 grey cement
mortor setting the tiles with grey cement slurry, jointed and washing with slurry of white
cement and pigment to match rubbing and polishing complete i/c cutting tile to proper
profile. (R.A).

2670.00 310.43 P.Sft Rs. 828848 /-
(Rs. Three hundred ten & ps fourty three only).

TOTAL:- RS: 828848 /-

PART- "B" Water supply & Santary work

1 P/F squating 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 23" clear opening between flushing rims and 3 gallons
flushing tank (i) with 4@ dia C.I. trape.(S.I.No.1b/P-1).

3.00 4802.60 P/No. Rs. 14408 /-
(Rs.Four Thousand eight hundred two & ps 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 zero hundred twenty four & ps fourty three only).
- 3 Providing & fixing 4" dia C.I soil & vent pipes i/c cutting and fitting and extra painting to match the colour of the building (S.I.No.1/P-08)
- 36.00 333.29 P.Rft Rs. 11998 /-
- (Rs.Three hundred thirty three & ps twenty nine only).
- 4 Providing & fixing 4" dia C.I terminal guard I/c extra painting to match the colour of the building (S.I.No.11/P-09)
- 6.00 389.70 Each Rs. 2338 /-
- (Rs.Three hundred eighty nine & ps seventy only).
- 5 Providing & fixing 4"x4x4x dia C.I brach of the required degree with access door Rubber washer 3/8" thick and builts & nuts and extra painting to match the colour of the building (S.I.No.5/P-08)
- 6.00 702.60 Each Rs. 4216 /-
- (Rs.seven hundred zero two & ps sixty only).
- 6 S/F Conceled tee-stop cock of superior quality single C.P head 1/2" dia (S.I.No.12(b)/P-18).
- 8.00 889.46 P.No Rs. 7116 /-
- (Rs.eight hundred eighty nine & ps fourty six only).
- 7 (a) S.F 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. 12204 /-
- (Rs. One thousand one hundred zero nine & ps fourty 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 malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern). (S.I.No.8/P-3).
- 2.00 4253.90 P.No Rs. 8508 /-
- (Rs. Four thousand two hundred fifty three & ps ninty only).
- 9 Add extra fort labour for providing & fixing of earthen ware padestal white or coloured glazed (Foreign or equivalent). (S.I.No.09/P-03).
- 2.00 938.47 P.No Rs. 1877 /-
- (Rs.Nine hundred thirty eight & ps fourty 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).

2.00 795.30 P.No Rs. 1591 /-
(Rs.Seven hundred ninty five & ps thirty 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 & ps zero 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 fourty eight & ps zero only).

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

(i) 1/2" dia

2.00 200.42 P/Rft. Rs. 401 /-
(Rs.Two hundred & ps fourty two only).

(ii) 3/4" dia.1 No

2.00 271.92 P/Rft. Rs. 544 /-
(Rs.Two hundred seventy one & ps ninty 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)

a) **500 Gallons**

1.00 37505.42 P.Each Rs. 37505 /-
(Rs.Thirty seven thousand five hundred zero five & ps fourty two only).

b) **350 Gallons**

1.00 30773.42 P.Each Rs. 30773 /-
(Rs.Thirty thousand seven hundred seventy three & ps fourty 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)

<u>114.00</u>	146.57	P.Rft	Rs.	16709 /-
(Rs. One hundred fourty six & ps fifty seven only).				

- 16 Providing G.I. Pipes, specials and clamps etc I/c fixing cutting & fitting complete with and I/c the cost of breaking through walls and roof 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 .(S.I.No.1ii /P-14).

(a) 3/4" dia.

<u>180.00</u>	86.36	P.Rft	Rs.	15545 /-
(Rs. Eighty six & ps thirty six only).				

(a) 1/2" dia.

<u>150.00</u>	73.21	P/Rft.	Rs.	10982 /-
(Rs. Seventy three & ps twenty one only).				

- 17 Add extra labour for concealed G.I pipe & fitting I/c making recess in the wall for pipe and making good in cement mortar etc complete. (S.I.No. 2(a)/P-12)

<u>150.00</u>	7.82	P.No	Rs.	1173 /-
(Rs.Seven & ps eighty five only).				

- 21 Providing P.V.C pipes of class "D" (equivalent) in touch i/c cutting and jointing with one rubbing ring i/c testing with water to hand of 122 meter or 400' ft (25 mm 1" dia) (S.I.No. 3/P-21 P.H.E)

<u>500.00</u>	28.00	Each	Rs.	14000 /-
(Rs. Twenty eight only).				

<u>TOTAL Rs:-</u>	<u>223457 /-</u>
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NON-SCHEDULE ITEMS.

- 1 P/Fixing Water Pumping Set 1 H.P Mono-Block Single-Phase 220 Volts with 1-1/4" suction & delivery 50 ft: head i/c making C.C.1:3:6 plate form of required size & fixing with nuts & boklts (Local Made) (R.A).

<u>1.00</u>	14417.70	P.Rft.	Rs:	14418 /-
(Rs. Fourteen thousand four hundred seventeen & ps seventy only).				

<u>TOTAL Rs:-</u>	<u>14418 /-</u>
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