

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEME(2016-17)**

(b). Brief Description of Works:- ADP:NO:184-REHABILITATION,IMPROVEMENT,  
RENOVATION,& PROVISION FOR MISSING FACILITIES  
IN EXISTING PRIMARY/ELEMENTARY SCHOOLS OF  
DISTT:SHIKARPUR(2016-17-PROGMM)(11 UNITS)  
11. GBPS Khuda Bux Mastoi

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 3.000 (Million)

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).


(k). Time for Completion from written order of commence: - <sup>15</sup>~~04~~ Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_  
Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount <sup>3000/-</sup>~~2000/-~~ (Rupees: <sup>Three</sup>~~Two~~ Thousand only)

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt: Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**

**BOQ-1 (i)**

**NAME OF WORK:- REHABILITATION EXISTING BUILDING @GBPS  
KHUDA BUX MASTOI TALUKA SHIKARPUR**

S.NO:	DESCRIPTION	QNTY	RATE	UNIT	AMOUNT
<b>A PART-A (CIVIL WORK)</b>					
2	Dismantling Reinforcement for cement concrete sperating reinforcement from concrete cleaning (S.I.No:20-P/10)	578	5445.00	%Sft	31,472
3	Dismantling brick work in lime or cement mortor (S.I.No:13-P/10)	2691	1285.63	%Sft	34,596
	Dismantling 2nd class tiles roofing. (S.I.No:22(b)-P/11)	1049	378.13	%Sft	3,967
	Dismantling rolled steel beam (S I No:41 P No:13)	35.9	126.04	P Cwt	4,525
	Removing door with chowkhat	2	142.18	P.No:	284
	Removing window with chowkhat	10	102.85	P.No:	1,029
5	Excavation in foundation of building bridges & other structure with excavated lead upto one chain and lift upto 5'feet. In ordinary Soil. (S.I.No:18(b)-P/14)	145	3176.25	%0cft	461
	Cement Concrete brick or stone ballast 1 1/2" to 2" guage Ratio 1:5:10. (S.I.No:40-P/21)	346	8694.95	%Cft	30,085
6	Pacca brick work in Foundation and plinth in cement sand mortor 1:6 (S.I.No:4-P/20)	1480	11948.36	%Sft	176,836
8	Reinforcement for cement concrete including labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid seperately. This reate also includes all kind of forms moulds lifting shuttering curring etc compl	938	337	P.Cft	316,106
9	Fabrication of Tar steel reinforcement for cement concrete including cutting bending and laying in position making joints and fastening including the cost of binding wire also includes removal of rust from bars. (S.I.No:8(b)-P/16)	41.875	5001.7	P.Cwt	209,446
	Earth filling from excavation	97	1512.5	%0cft	147
	Earth filling from out side	1855	3630	%0cft	6,734
	S/F Sand under plugging in floor	435	1141.57	%cft	4,966
	Add extra lead two mile	1855	502.2	%cft	9,316
10	Pacca brick work in Ground floor and plugging into walls (S.I.No:50-P/20)	2318	12674.36	%Cft	293,792
11	Supplying & Fixing Girder at site of work	26.86	3850.00	P.Cwt	103,411
12	Supplying&fixing T-Iron at site of work	34.13	3575.00	P.Cwt	122,015
13	Errection of rolled beam	60.984	186.34	P.Cwt	11,364

14	Second Class Tiles Roofing consisting of 4" earth and 1" mud plaster with gobri leaping over 1/2" thick cement plaster 1:6 with 34 Lbs of hot bitumen coating sand blinded provided over 2 layer of tiles 12"x6"x11/4" laid in 1:6 cement mortar with 1/2" thick sand wiched layer of 1:2 cement pointing underside of tiles complete including curing etc. (S.I.No:1-P/32)	1412	7607.25	%sft	107,414
15	1"Thick mud plaster	2824	555.00	%sft	15,673
17	Pacca brick work other than building i/c stricking of joints on Wall Ratio 1:6 (S.I.No:7-P/21)	1198	12346.65	%.Cft	147,913
18	Cement Plaster 1:6 upto 20' height Ratio 1/2" thick (S.I.No:13(b)-P/51)	11080	2206.6	%.Sft	244,491
19	Cement Plaster 1:4 upto 20' height Ratio 3/8" thick (S.I.No:13(b)-P/51)	11003	2197.52	%.Sft	241,793
	Cement Concrete Plain compacting finishing curring etc and washing aggregate without shuttering (S.I.No:5-P/15)	14	14429.25	%.Sft	2,020
20	Making Notice board made with cement. (S.I.No:1-P/89)	77	58.11	P.Sft	4,474
21	First class deodar wood wrought joinery in doors & windows etc complete fixed in position including chowkats holds fastes hinges (S.I.No:7-P/57)	135	1273.76	P.Sft	171,958
22	S/F M S bars for window	0.149	3700	P.Cwt	551
23	Cutting &fixing M S bars	8	28.23	P.No:	226
24	P/F deodar almirah 9-12" depth	31.5	1748.00	P.Sft	55,062
25	P/L Cement Concrete topping i/c surface finishing and dividing into panells Ratio 3" thick (S.I.No:16©-P/41)	914	4411.82	%.Sft	40,324
B)	Ratio 2" thick	1412	3275.5	%.Sft	46,250
26	P/L Single layer of polythen sheet 0.13mm fixing in position tiles etc complete	1412	10.7	P.Sft	15,108
27	Reinforcement for cement concrete spout including fixing in position in all respect	6	261.25	P.Sft	1,568
28	Laying floor of approved white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (S I No: 24 P No: 43)	78	27678.86	%sft	21,590
29	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (S I No: 37 P No: 45)	292	28253.61	%sft	82,501
30	S/F iron steel grill 1/4"x3/4" size flate iron of approved design including painting 3 coats etc complete (S.I.No:26-P/92)	63	180.5	P.Sft	11,372
32	M/F steel grated door with 1-1/16" thick with locking arrangement (S I No:24 P No:92)	48	726.72	P.Sft	34,883
33	White wash Three coats (S.I.No:26©-P/53)	1178	829.95	%.Sft	9,777
34	Primary coat of chalk under distempering (S.I.No:23-P/57)	5019	442.75	%.Sft	22,222

35	Distempering Three coats (S.I.No:24©-P/53)	5019	1079.65	%Sft	54,188
36	Painting doors and windows any type (S.I.No:5©-P/69)	333	2116.61	%Sft	7,048
37	Preparing surface painting Garder bars gates of iron bars grating railing. (S.I.No:5-P/69)	904	1270.82	%Sft	11,488
38	Colour wash three coats	5184	859.9	%Sft	44,577
<b>TOTAL</b>					<b>2,755,019</b>



**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	2.0	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connections & making good in cement 1:2:4 B (i) W.C. of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4" C.I. trape & C.I. Thumble. (S.I.NO.1 P.NO.1)	4802.60	Each	9605/-
2	10.0	Providing and fixing 4" dia G.I. soil & vent pipes including cutting and fitting and extra painting to match the colour of building. (S.I. NO.1 P.NO.8)	333.29	Each	3333/-
3	2.0	Providing & fixing 4"x4"x4" dia C.I. branch of the required degree with access doors, rubber washer 1/8" thick and bolts & nuts and extra painting to match the colour of the building. (S.I. NO.5 P.NO.8)	270.60	Each	541/-
4	20	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required depth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I. No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft	3769/-
5		Providing G.I. Pipes specials & clamps etc including fixing cutting and 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 zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet and handling. (S.I. NO.1 P.NO.12)			
	10	(ii) 1" dia G.I. Pipe	128.55	Rft	1286/-
	15	(i) 1/2" dia G.I. Pipe	13.21	Rft	198/-
	10	(ii) 3/4" dia G.I. Pipe	95.79	Rft	1916/-
6		P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft (S.I. NO. 4 (a) (b) (c) P.No. 23 PHD)			
	10	(a) 3" Dia	90.00	P.Rft	900/-
	20	(b) 4" Dia	132.00	P.Rft	2640/-
7		P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft			
	10	(a) 1" Dia	27.00	P.Rft	270/-
	20	(b) 3/4" Dia	19.00	P.Rft	380/-
	25	(c) 1/2" Dia	12.00	P.Rft	300/-
8	2.0	Supplying & fixing in position brass bib cock b. 3/4" dia brass bib cock, Standard pattern (S.I. NO.1 P.NO.16)	348.92	Each	698/-
9	2.	Providing & fixing ball valve (with unsoldered copper ball) made to B.B.S. 1212 (S.I. NO.5 P.NO.18) (ii) 3/4" dia	290.84	Each	582/-
10	200	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as specified i/c cost of puts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet, outlet flow pipes etc complete (S.I. NO. 3 P.NO.18) (a) 250 Gallon thickness 3.5 mm	87/95	87/95	17590/-
11	1.0	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delivery with base plate and compiling one horse power single phase motor (siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4) Elect. Motor	14201/4	P.No	18470/-
12		Providing and installation of Hand pump 1-1/4" G.I. pipe and coil syringer with wooden shap including cost of 4" feet above ground level embedded in C.C. (1:2:4) with iron handle and required same shape with acc and fixing etc complete.			
	10.0	(a) Filter pipe	120	Rft	1200/-
	40.0	(b) G.I. pipe	110	Rft	4400/-
	1.0	(c) H.P. Machine	2500	P.NO	2500/-

13	1.0	Providing and fixing 22"x16" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inch built into wall. Painted white in two coats after a primary coat of red lead paint a pair of 1/2 dia chrome plated pillar traps 1-1/2" dia rubber plug chrome brass waste of approved pattern 1-1/4" dia malleable iron cp union making and traps, malleable iron or brass requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (standard pattern) S.I No:13 P.No:3	4694.8	Each	4595/-
14	1.0	Add extra for labour for providing & fixing of earthen ware pedestal white or coloured glazed (standard pattern) S.I No:9 P.No:3	938.47	Each	939/-
15	1.0	Supplying & fixing swan type pillar cock of superior quality single cp head 1/2" dia S.I No:18 P.No:16	795.30	Each	795/-
16	1.0	Supplying & fixing bath room accessories (7 pieces) i/c towel rod, brush holder, soap tray, shelf of approved quality and design etc complete S.I No:24 P.No:16	8122.4	Each	1475/-
17		Construction manhole or inspection chamber for the required dia of circular sewer and 3"x6" (1067mm) dept with walls of B.B in cement mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2"x1-1/2" (457x457mm of 1.75Qwt. (88.9 kg.) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S steps 6" (150mm) wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc complete as per specification and drawing No.D/I of Public Health Circule Southern zone S.I No:1 P.No:39	14748	Each	
18		Providing R.C.C pipe with collars class "B" and digging the trench to required depth and fixing in position including cutting fitting and joining with maxphalt 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 stuff. (S.I.NO. 2 P.NO.21) (c) 6" dia R.C.C pipe class "B"	199.25	Rft	
19	2.0	Providing & fixing 4" dia C.I Terminal guard including extra painting to match the colour of the building S.I No:10 P.No:9	389.70	Each	779/-
20	2.0	Providing & fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connections. S.I No:23 P.No:6	447.15	Each	894/-
21	1.0	Providing & fixing 15"x12" beveled edge mirror of belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden plate S.I No:3 P.No:7 a) standard pattern	1161.6	Each	1161/-

G; Total Rs: 106371/00.

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEME(2016-17)**

(b). Brief Description of Works:- ADP NO:213-CONSTRUCTION OF BUILDING FOR  
SHELTERLESS PRIMARY SCHOOL OF DISTRICT  
SHIKARPUR(2016-17-PROGMM)(4 UNITS)  
1. GBPS Sahib Khan Dakhan @ Pir Bux Lehi

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 3.300 (Million)

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - <sup>15</sup>  
~~04~~ Months

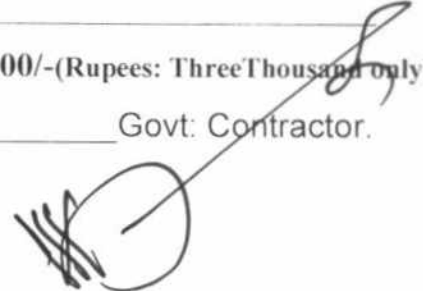
(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_

Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees: Three Thousand only)

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt. Contractor.

  
EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
SHIKARPUR

**NAME OF WORK:- CONSTRUCTION OF BUILDING FOR SHELTERLESS PRIMARY SCHOOLS****DISTRICT SHIKARPUR 2016 - 2017 PROGRAM ADP NO. 213****AT GBPS SAHIB KHAN DAKHAN @ PIR BUX LEHI TALUKA & DISTRICT SHIKARPUR.**

Sr. NO:	ITEM OF WORK.	QUANTITY.	RATE	UNIT	AMOUNT.
1	Excavation in foundation of building bridges and other structure l/c dagbelling dressing around the structure including degbelling dressing refilling around the structure with excavated earth watering ramming earth lead upto one chain and lift upto 5' feet (S.I.NO: 18"b",P.NO: 4).	3058	3176.25	%o cft	9713/-
2	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio (1:5:10) in cement sand mortar.(S.I.NO: 4"cf P.No: 15).	1242	8694.95	%o cft	107991/-
3	Pacca brick work in foundation of building and plinth in ratio( 1.6) in cement sand mortar.(S.I.NO:4,P.NO:21).	2946	11948.36	% Cft.	351999/-
4	R.C.C. work in roof slab beams rafts lintels and other structural members laid in sattu or precast laid in position complete in all respect cemen concrete (1.2.4) (S.I.NO: 6(I) P.NO: 17).	800	337	P.sft.	269600/-
5	Fabrication of mild steel reinforcement for cement concrete work l/c cutting bending and laying in positionm including the cost of steel binding wire also removal from rust from bars. (S.I.NO: 8 P.NO: 17 ).	33.214	5001.70	P.cwt.	178631/-
6	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5' feet.( S.I.NO;21,P.NO;4).	1035	1512.50	%0 Cft.	1565/-
7	Filling watering ramming earth under floor with new earth excavated from out side lead upto one chain and lift upto 5' feet.(S.I.NO:22.P.NO: 4).	741	3630.00	%0 Cft.	2690

8	Supplying and filling sand under floor with plugging in wells (S.I.NO: 29,P.NO: 26).	465	1141.25	%0 Cft.	5307
9	Pacca brick work in ground floor with (1:6) ratio in cement sand mortar (S.I.NO: 4,P.NO: 21).	2241	12674.36	% Cft.	284032
10	Supplying and fixing iron Girders at site of work.	25.116	3850/-	P.cwt.	96697
11	Supplying and fixing iron tears at site of work.	30.312	3575/-	P.cwt.	108365
12	Erection rolled steel beams or old rails.	55.428	186/34	P.cwt.	10328
13	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobri leeping over 1/2" thick cement plaster (1: 6 ) with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12"x6"x2" tiles laid in 1.6 cement mortar l/C (1.2) cement pointing under neath of tiles Completed including curig etc (S.I.NO: 2,P.NO: 33).	1417	7607/25	% sft.	107795
14	Providing and laying single layer of polythin sheet of 0.13 mm thick for water proofing as per instruction given by Engineer incharge.	1417	10.70	P.sft.	15162
15	Pacca brick work in other than building with ( 1:6 ) ratio in cement sane mortar. (S.I.NO: 7,P.NO: 22 ).	703	12346/65	%cft.	86797
16	Making and fixing steel grated door with 1/16" thick sheeting including angle iron frame 2"x2"x3/8" thick and 3/4" thick square bar at 4" dia centre tocentre with locking arrangement. ( S.I.NO: 24,P.NO:92).	48	726/72	P.sft.	34883
17	First class deodar wood wrought joinary in doors and windows etc fixed in position l/c chowkats, hold fasts, hinges, iorn towers bolts nuts and cleats with hocks etc deodar wood 1-3/4" thick.( S.I.NO: P.NO: ).	187	309/52	P.sft.	238193
18	Providing and fixing Deodai Almirah 9-"12" depth including boxing with back shelves shutters fittingis	32	1778/50	P.sft.	56912

19	Supplying & fixing mild steel round bar for barred windows.	1.589	3700	P.cwt.	5879
20	Cutting & fixing mild steel round bars for windows. S.I.No. 18 P.No. 92.	60	28/23	P.cwt.	1694
21	Supplying & fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including Painting 3 coats ect complete (Weight not to be less then 3.7 lbs/sq.feet of finished Grill S.I No: 26 P.N 93	72	180/50	P.sft	12996
22	Making notice board made with cement ratio ( 1: 2 ).(S.I.NO:1,P.NO.95).	64	58/11	P.sft.	3719
23	Cement plaster ratio ( 1: 6 ) in cement sand mortar 1/2" thick. (S.I.NO: 13 a,P.NO: 52).	5732	2206/60	%sft.	126482
24	Cement plaster ( 1:4 ) upto 20' height 3/8 " thick in cement sand mortar. ( S.I.NO: 11 a,P.NO: 52).	5668	2197/52	%Sft.	124555
25	Providing and laying cement concrete topping ratio ( 1: 2: 4 ) l/c surface and dividing into pannels. ( S.I.NO: 10 d,P.NO: 42). <u>( A ) 3" THICK.</u>	29	4411/82	% Sft.	1279
	<u>( B ) 2" THICK.</u>	80	3275/50	%Sft.	2620
26	Cement pointing ( 1: 2 ) ratio including striking joints on walls.(S.I.NO: 19 a,P.NO: 53).	2667	1287/44	%Sft.	34336
27	Cement pointing on flushing raised ( 1 : 3 ) ratio.(S.I.NO:20,P.NO:53).	1963	1758/08	%Sft.	34511
28	Providing & Lying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles including curing grinding, rubbing and chemeical polishing etc complete i.c cutting tiles to proper profile (R.....A)	1058	307	P.Sft.	324806



29	Cement concrete plain including placing compacting finishing and curring complete (l/c) screening and washing of stone aggregate without shuttering (S.I.NO:5,p.No:16)	163	14429/25	% Cft	23520
30	Laying floor of approved with glazed tile 1/4"thick in white cement 1:2 over 3/4"thick cement mortar1:2 complete (S.I No: 24 P No:43	37	27678/86	%Sft	10241
31	White glazed tiles 1/4" thick dado jointed in cement and laid over (1:2) cement sand mortar 3/4" thick including finishing.(S.I.NO:38,P.NO:45)	48	28299/30	%Sft	13584
32	White wash Three Coats.(S.I.NO:26,"C" P.NO:54)	960	829/95	%Sft	7968
33	Priming coat of chalk under distempering.(S.I.NO:23,P.NO:54)	2731	442/75	%Sft	12092
34	Distempering Three coats (S.I.NO:24 , P.NO:54)	2731	1079/65	%Sft	29485
35	Colour washing Three coats(S.I.NO:25, P.NO:54)	4660	859/90	%Sft	40071
36	Preparing surface painting to doors and windows any type including edges (Three coats) new surface (S.I.NO:5-c P.NO: 70 )	438	2116/41	%Sft	9270
37	Preparing surface painting to guard bars of iron gates railling l/c standard braces open work three new surface.(S.I.NO:5,d,P.NO. 70).	839	1270/83	%Sft	10662
38	Fixing Water Spouts or Parnal (S.I.No:37 P. No:38)	6	211/75	P.Each	1271
				G.Total	2797701



**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	02	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connetions & making good in cement 1:2:4 B.(i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4 C.I trape & C.I Thumble. (S.I.NO 1.P.NO.1)	4802.60	Each	9605/-
2	12	Providing and fixing 4" dia C.I soil & vent pipes including Cutting and fitting and extra painting to match the colour of building.( S.I.NO.1 .P.NO.8 )	333.29	Each	3999/-
3	02	Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/8" thick and built & nuts and extra painting to match the colour of the building.( S.I.NO.5.P.NO.8 )	270.60	Each	541/-
4	06	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required depth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft.	1131/-
5		Providing G.I Pipes specials & clamps etc including fixing cutting and 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 and testing with water to a pressure head of 200 feet . and handling. ( S.I.NO.1 .P.NO.12 )			
	10	(iii) 1" dia G.I Pipe	128.55	Rft.	1286/-
	10	(i) 1/2" dia G.I Pipe	73.21	Rft.	732/-
	15	(ii) 3/4" dia G.I Pipe	95.79	Rft.	1437/-
6		P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft			
	6.0	(a) 3" Dia	90.00	P.Rft	540/-
	6.0	(b) 4" Dia	136.00	P.Rft	816/-
7		P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft			
	10	(a) 1" Dia	27.00	P.Rft	270/-
	15	(b) 3/4" Dia	19.00	P.Rft	285/-
	10	(c) 1/2" Dia	12.00	P.Rft	120/-
8	02	Supplying & fixing in position brass bib cock b. 3/4" dia brass b. cock. Standard pattern ( S.I.NO.1 P.NO.16 )	348.92	Each	698/-
9	02	Providing & fixing bal valve (with unsoldered copper ball ) made to B.B.S. 1212 ( S.I.NO.6 .P.NO.18 ) (ii) 3/4" dia	290.84	Each	582/-
10	01	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as specified i/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet .putlet flow pipes etc complete ( S.I.NO .3 .P.NO.18 ) (a) 250 Gallon thickness 3.5 mm	21989.6	Each	21990/-
11	01	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delivery with base plate and compiling one horse power single phase motor (siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4) Elect: Motor	12500	P.No	12500/-
12		Providing and Installation of Hand pump 1-1/4" G.I pipe and colr syainer with wooden shap including cost of 4" feet above ground level emdbed in C.C (1:2:4) with iron handle and required same shape with acc and fixing etc complete.			
	10	(a) Filter pipe	120	Rft.	1200/-
	45	(b) G.I pipe	110	Rft.	4950/-
	01	(c) H.P Machine	2500	P.NO	2500/-

**TOTAL RS:- 65, 182/-**

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

PROVINCIAL ADP SCHEME(2016-17)

(b). Brief Description of Works:- ADP:NO:213-CONSTRUCTION OF BUILDING FOR  
SHELTERLESS PRIMARY SCHOOL OF DISTRICT  
SHIKARPUR(2016-17-PROGMM)(4 UNITS)  
2. GBPS Mir Khan Rind

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 3.300 (Million)

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - <sup>15</sup>  
~~04~~ Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_

Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees: Three Thousand only)

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt. Contractor.

  
EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
SHIKARPUR

**NAME OF WORK:- CONSTRUCTION OF BUILDING FOR SHELTERLESS PRIMARY SCHOOLS**  
**DISTRICT SHIKARPUR 2016 - 2017 PROGRAM ADP NO. 213**  
**AT GBPS MIR KHAN RIND TALUKA GARHI YASIN DISTRICT SHIKARPUR**

Sr. NO:	ITEM OF WORK.	QUANTITY.	RATE	UNIT	AMOUNT.
1	Excavation in foundation of building bridges and other structure l/c dagbelling dressing around the structure including degbelling dressing refilling around the structure with excavated earth watering ramming earth lead upto one chain and lift upto 5' feet (S.I.NO: 18"b",P.NO: 4).	3058	3176.25	%o cft	9713/-
2	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio (1:5:10) in cement sand mortar.(S.I.NO: 4"c" P.No: 15).	1242	8694.95	%o cft	107991/-
3	Pacca brick work in foundation of building and plinth in ratio( 1.6) in cement sand mortar.(S.I.NO:4,P.NO:21).	2946	11948.36	% Cft.	351999/-
4	R.C.C. work in roof slab beams rafts lintels and other structural members laid in sattu or precast laid in position complete in all respect cemen concrete (1.2.4) (S.I.NO: 6(l) P.NO: 17).	800	337	P.sft.	269600/-
5	Fabrication of mild steel reinforcement for cement concrete work l/c cutting bending and laying in positionm including the cost of steel binding wire also removal from rust from bars. (S.I.NO: 8 P.NO: 17 ).	33.214	5001.70	P.cwt.	178631/-
6	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5' feet.( S.I.NO;21,P.NO;4).	1035	1512.50	%0 Cft.	1565/-
7	Filling watering ramming earth under floor with new earth excavated from out side lead upto one chain and lift upto 5' feet.(S.I.NO:22.P.NO: 4).	741	3630.00	%0 Cft.	2690

8	Supplying and filling sand under floor with plugging in welles (S.I.NO: 29,P.NO: 26).	465	1141.25	%0 Cft.	5307
9	Pacca brick work in ground floor with (1:6) ratio in cement sand mortar (S.I.NO: 4,P.NO: 21).	2241	12674.36	% Cft.	284032
10	Supplying and fixing iron Girders at site of work.	25.116	3850/-	P.cwt.	96697
11	Supplying and fixing iron tears at site of work.	30.312	3575/-	P.cwt.	108365
12	Errection rolled steel beams or old rails.	55.428	186/34	P.cwt.	10328
13	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobri leeping over 1/2" thick cement plaster (1: 6 ) with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12"x6"x2" tiles laid in 1.6 cement mortar I/C (1.2) cement pointing under neath of tiles Completed including curig etc (S.I.NO: 2,P.NO: 33).	1417	7607/25	% sft.	107795
14	Providing and laying single layer of polythin sheet of 0.13 mm thick for water proofing as per instruction given by Engineer incharge.	1417	10.70	P.sft.	15162
15	Pacca brick work in other than building with ( 1:6 ) ratio in cement sane mortar. (S.I.NO: 7,P.NO: 22 ).	703	12346/65	%cft.	86797
16	Making and fixing steel grated door with 1/16" thick sheeting including angle iron frame 2"x2"x3/8" thick and 3/4" thick square bar at 4" dia centre tocentre with locking arrangement. ( S.I.NO: 24,P.NO:92).	48	726/72	P.sft.	34883
17	First class deodar wood wrought joinary in doors and windows etc fixed in position I/c chowkats, hold fasts, hinges, iorn towers bolts nuts and cleats with hocks etc deodar wood 1-3/4" thick.( S.I.NO: P.NO: ).	187	309/52	P.sft.	238193
18	Providing and fixing Deodai Almirah 9-"12" depth including boxing with back shelves shutters fittingis	32	1778/50	P.sft.	56912

19	Supplying & fixing mild steel round bar for barred windows.	1.589	3700	P.cwt.	5879
20	Cutting & fixing mild steel round bars for windows. S.I.No. 18 P.No. 92.	60	28/23	P.cwt.	1694
21	Supplying & fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including Painting 3 coats ect complete (Weight not to be less then 3.7 lbs/sq.feet of finished Grill S.I No: 26 P.N 93	72	180/50	P.sft	12996
22	Making notice board made with cement ratio ( 1: 2 ).(S.I.NO:1,P.NO.95).	64	58/11	P.sft.	3719
23	Cement plaster ratio ( 1: 6 ) in cement sand mortar 1/2" thick. (S.I.NO: 13 a,P.NO: 52).	5732	2206/60	%sft.	126482
24	Cement plaster ( 1:4 ) upto 20' height 3/8 " thick in cement sand mortar. ( S.I.NO: 11 a,P.NO: 52).	5668	2197/52	%Sft.	124555
25	Providing and laying cement concrete topping ratio ( 1: 2: 4 ) l/c surface and dividing into pannels. ( S.I.NO: 10 d,P.NO: 42). <u>( A ) 3" THICK.</u>	29	4411/82	% Sft.	1279
	<u>( B ) 2" THICK.</u>	80	3275/50	%Sft.	2620
26	Cement pointing ( 1: 2 ) ratio including striking joints on walls.(S.I.NO: 19 a,P.NO: 53).	2667	1287/44	%Sft.	34336
27	Cement pointing on flushing raised ( 1 : 3 ) ratio.(S.I.NO:20,P.NO:53).	1963	1758/08	%Sft.	34511
28	Providing & Lying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles including curing grinding, rubbing and chemeical polishing etc complete i.c cutting tiles to proper profile (R.....A)	1058	307	P.Sft.	324806

29	Cement concrete plain including placing compacting finishing and curring complete (l/c) screening and washing of stone aggregate without shuttering (S.I.NO:5,p.No:16)	163	14429/25	% Cft	23520
30	Laying floor of approved with glazed tile 1/4"thick in white cement 1:2 over 3/4"thick cement mortar1:2 complete (S.I No: 24 P No:43	37	27678/86	%Sft	10241
31	White glazed tiles 1/4" thick dado jointed in cement and laid over (1:2) cement sand mortar 3/4" thick including finishing.(S.I.NO:38,P.NO:45)	48	28299/30	%Sft	13584
32	White wash Three Coats.(S.I.NO:26,"C" P.NO:54)	960	829/95	%Sft	7968
33	Priming coat of chalk under distempering.(S.I.NO:23,P.NO:54)	2731	442/75	%Sft	12092
34	Distempering Three coats (S.I.NO:24 , P.NO:54)	2731	1079/65	%Sft	29485
35	Colour washing Three coats(S.I.NO:25, P.NO:54)	4660	859/90	%Sft	40071
36	Preparing surface painting to doors and windows any type including edges (Three coats) new surface (S.I.NO:5-c P.NO: 70 )	438	2116/41	%Sft	9270
37	Preparing surface painting to guard bars of iron gates railing l/c standard braces open work three new surface.(S.I.NO:5,d,P.NO. 70).	839	1270/83	%Sft	10662
38	Fixing Water Spouts or Parnal (S.I.No:37 P. No:38)	6	211/75	P.Each	1271
				G.Total	2797701



**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	02	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connetions & making good in cement 1:2:4 B.(i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4 C.I trape & C.I Thumble. (S.I.NO 1,P.NO.1)	4802.60	Each	9605/-
2	12	Providing and fixing 4" dia C.I soil & vent pipes including Cutting and fitting and extra painting to match the colour of building.( S.I.NO.1 ,P.NO.8 )	333.29	Each	3999/-
3	02	Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/8" thick and built & nuts and extra painting to match the colour of the building.( S.I.NO.5,P.NO.8 )	270.60	Each	541/-
4	06	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required depth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft.	1131/-
5		Providing G.I Pipes specials & clamps etc including fixing cutting and 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 and testing with water to a pressure head of 200 feet . and handling. ( S.I.NO.1 P.NO.12 )			
	10	(iii) 1" dia G.I Pipe	128.55	Rft.	1286/-
	10	(i) 1/2" dia G.I Pipe	73.21	Rft.	732/-
	15	(ii) 3/4" dia G.I Pipe	95.79	Rft.	1437/-
6		P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft			
	6.0	(a) 3" Dia	90.00	P.Rft	540/-
	6.0	(b) 4" Dia	136.00	P.Rft	816/-
7		P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft			
	10	(a) 1" Dia	27.00	P.Rft	270/-
	15	(b) 3/4" Dia	19.00	P.Rft	285/-
	10	(c) 1/2" Dia	12.00	P.Rft	120/-
8	02	Supplying & fixing in position brass bib cock b. 3/4" dia brass b. cock. Standard pattern ( S.I.NO.1 P.NO.16 )	348.92	Each	698/-
9	02	Providing & fixing bal valve (with unsoldered copper ball ) made to B.B.S. 1212 ( S.I.NO.6 P.NO. 18 ) (ii) 3/4" dia	290.84	Each	582/-
10	01	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as specified i/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet ,outlet flow pipes etc complete ( S.I.NO .3, P.NO.18 ) (a) 250 Gallon thickness 3.5 mm	21989.6	Each	21990/-
11	01	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delivey with base plate and compiling one horse power single phase motor (siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4) Elect: Motor	12500	P.No	12500/-
12		Providing and Installation of Hand pump 1-1/4" G.I pipe and colr syainer with wooden shap including cost of 4" feet above ground level embded in C.C (1:2:4) with iron handle and required same shape with acc and fixing etc complete.			
	10	(a) Filter pipe	120	Rft.	1200/-
	45	(b) G.I pipe	110	Rft.	4950/-
	01	(c) H.P Machine	2500	P.NO	2500/-

**TOTAL RS:- 65,182/-**



**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEME(2016-17)**

(b). Brief Description of Works:- ADP:NO:213-CONSTRUCTION OF BUILDING FOR  
SHELTERLESS PRIMARY SCHOOL OF DISTRICT  
SHIKARPUR(2016-17-PROGMM)(4 UNITS)  
3. GBPS Waryam Khan Shar

(c). Procuring Agency's address:- Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 3.300 (Million)

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f). Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g). Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - ~~04~~ <sup>15</sup> Months

(L). Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_

Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees: Three Thousand only)

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt. Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**

**NAME OF WORK:- CONSTRUCTION OF BUILDING FOR SHELTERLESS PRIMARY SCHOOLS****DISTRICT SHIKARPUR 2016 - 2017 PROGRAM ADP NO. 213****AT GBPS WARYAM KHAN SHAR TALUKA LAKHI DISTRICT SHIKARPUR**

<b>SR. NO:</b>	<b>ITEM OF WORK.</b>	<b>QUANTITY.</b>	<b>RATE</b>	<b>UNIT</b>	<b>AMOUNT.</b>
1	Excavation in foundation of building bridges and other structure l/c dagbelling dressing around the structure including degbelling dressing refilling around the structure with excavated earth watering ramming earth lead upto one chain and lift upto 5' feet (S.I.NO: 18"b",P,NO: 4).	3058	3176.25	%o cft	9713/-
2	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio (1:5:10) in cement sand mortar.(S.I.NO: 4"c <sup>#</sup> P.No: 15).	1242	8694.95	%o cft	107991/-
3	Pacca brick work in foundation of building and plinth in ratio( 1.6) in cement sand mortar.(S.I.NO:4,P.NO:21).	2946	11948.36	% Cft.	351999/-
4	R.C.C. work in roof slab beams rafts lintels and other structural members laid in sittu or precast laid in position complete in all respect cemen concrete (1.2.4) (S.I.NO: 6(I) P.NO: 17).	800	337	P.sft.	269600/-
5	Fabrication of mild steel reinforcement for cement concrete work l/c cutting bending and laying in positionm including the cost of steel binding wire also removal from rust from bars. (S.I.NO: 8 P.NO: 17 ).	33.214	5001.70	P.cwt.	178631/-
6	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5' feet.( S.I.NO;21,P.NO;4).	1035	1512.50	%0 Cft.	1565/-
7	Filling watering ramming earth under floor with new earth excavated from out side lead upto one chain and lift upto 5' feet.(S.I.NO:22.P.NO: 4).	741	3630.00	%0 Cft.	2690

8	Supplying and filling sand under floor with plugging in welles (S.I.NO: 29,P.NO: 26).	465	1141.25	%0 Cft.	5307
9	Pacca brick work in ground floor with (1:6) ratio in cement sand mortar (S.I.NO: 4,P.NO: 21).	2241	12674.36	% Cft.	284032
10	Supplying and fixing iron Girders at site of work.	25.116	3850/-	P.cwt.	96697
11	Supplying and fixing iron tears at site of work.	30.312	3575/-	P.cwt.	108365
12	Errection rolled steel beams or old rails.	55.428	186/34	P.cwt.	10328
13	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobri leeping over 1/2" thick cement plaster (1: 6 ) with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12"x6"x2" tiles laid in 1.6 cement mortar I/C (1.2) cement pointing under neath of tiles Completed including curig etc (S.I.NO: 2,P.NO: 33).	1417	7607/25	% sft.	107795
14	Providing and laying single layer of polythin sheet of 0.13 mm thick for water proofing as per instruction given by Engineer incharge.	1417	10.70	P.sft.	15162
15	Pacca brick work in other than building with ( 1:6 ) ratio in cement sane mortar. (S.I.NO: 7,P.NO: 22 ).	703	12346/65	%cft.	86797
16	Making and fixing steel grated door with 1/16" thick sheeting including angle iron frame 2"x2"x3/8" thick and 3/4" thick square bar at 4" dia centre tocentre with locking arrangement. ( S.I.NO: 24,P.NO:92).	48	726/72	P.sft.	34883
17	First class deodar wood wrought joinary in doors and windows etc fixed in position l/c chowkats, hold fasts, hinges, iorn towers bolts nuts and cleats with hocks etc deodar wood 1-3/4" thick.( S.I.NO: P.NO: ).	187	309/52	P.sft.	238193
18	Providing and fixing Deodai Almirah 9-"12" depth including boxing with back shelves shutters fittingis	32	1778/50	P.sft.	56912

19	Supplying & fixing mild steel round bar for barred windows.	1.589	3700	P.cwt.	5879
20	Cutting & fixing mild steel round bars for windows. S.I.No. 18 P.No. 92.	60	28/23	P.cwt.	1694
21	Supplying & fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including Painting 3 coats ect complete (Weight not to be less then 3.7 lbs/sq.feet of finished Grill S.I No: 26 P.N 93				
22	Making notice board made with cement ratio ( 1: 2 ).(S.I.NO:1,P.NO.95).	72	180/50	P.sft	12996
23	Cement plaster ratio ( 1: 6 ) in cement sand mortar 1/2" thick. (S.I.NO: 13 a,P.NO: 52).	64	58/11	P.sft.	3719
24	Cement plaster ( 1:4 ) upto 20' height 3/8 " thick in cement sand mortar. ( S.I.NO: 11 a,P.NO: 52).	5732	2206/60	%sft.	126482
25	Providing and laying cement concrete topping ratio ( 1: 2: 4 ) l/c surface and dividing into pannels. ( S.I.NO: 10 d,P.NO: 42). <u>( A ) 3" THICK.</u>				
	<u>( B ) 2" THICK.</u>	29	4411/82	% Sft.	1279
26	Cement pointing ( 1: 2 ) ratio including striking joints on walls.(S.I.NO: 19 a,P.NO: 53).	80	3275/50	%Sft.	2620
27	Cement pointing on flushing raised ( 1 : 3 ) ratio.(S.I.NO:20,P.NO:53).	2667	1287/44	%Sft.	34336
28	Providing & Lying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles including curing grinding, rubbing and chemeical polishing etc complete i.c cutting tiles to proper profile (R.....A)	1963	1758/08	%Sft.	34511
		1058	307	P.Sft.	324806

29	Cement concrete plain including placing compacting finishing and curring complete (l/c) screening and washing of stone aggregate without shuttering (S.I.NO:5,p.No:16)	163	14429/25	% Cft	23520
30	Laying floor of approved with glazed tile 1/4"thick in white cement 1:2 over 3/4"thick cement mortar1:2 complete (S.I No: 24 P No:43	37	27678/86	%Sft	10241
31	White glazed tiles 1/4" thick dado jointed in cement and laid over (1:2) cement sand mortar 3/4" thick including finishing.(S.I.NO:38,P.NO:45)	48	28299/30	%Sft	13584
32	White wash Three Coats.(S.I.NO:26,"C" P.NO:54)	960	829/95	%Sft	7968
33	Priming coat of chalk under distempering.(S.I.NO:23,P.NO:54)	2731	442/75	%Sft	12092
34	Distempering Three coats (S.I.NO:24 , P.NO:54)	2731	1079/65	%Sft	29485
35	Colour washing Three coats(S.I.NO:25, P.NO:54)	4660	859/90	%Sft	40071
36	Preparing surface painting to doors and windows any type including edges (Three coats) new surface (S.I.NO:5-c P.NO: 70 )	438	2116/41	%Sft	9270
37	Preparing surface painting to guard bars of iron gates railing l/c standard braces open work three new surface.(S.I.NO:5,d,P.NO. 70).	839	1270/83	%Sft	10662
38	Fixing Water Spouts or Parnal (S.I.No:37 P. No:38)	6	211/75	P.Each	1271
				G.Total	2797701

**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	02	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connetions & making good in cement 1:2:4 B.(i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4 C.I trape & C.I Thumble. (S.I.NO 1.P.NO.1)	4802.60	Each	9605/-
2	12	Providing and fixing 4" dia C.I soil & vent pipes including Cutting and fitting and extra painting to match the colour of building.( S.I.NO.1 ,P.NO.8 )	333.29	Each	3999/-
3	02	Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/8" thick and built & nuts and extra painting to match the colour of the building.( S.I.NO.5.P.NO.8 )	270.60	Each	541/-
4	06	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required deoth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft.	1131/-
5		Providing G.I Pipes specials & clamps etc including fixing cutting and 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 and testing with water to a pressure head of 200 feet. and handling. ( S.I.NO.1 .P.NO.12 )			
	10	(iii) 1" dia G.I Pipe	128.55	Rft.	1286/-
	10	(i) 1/2" dia G.I Pipe	73.21	Rft.	732/-
	15	(ii) 3/4" dia G.I Pipe	95.79	Rft.	1437/-
6		P/L UPVC pipes of "Class B" fixing in tranch i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft			
	6.0	(a) 3" Dia	90.00	P.Rft	540/-
	6.0	(b) 4" Dia	136.00	P.Rft	816/-
7		P/L UPVC pipes of "Class B" fixing in tranch i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft			
	10	(a) 1" Dia	27.00	P.Rft	270/-
	15	(b) 3/4" Dia	19.00	P.Rft	285/-
	10	(c) 1/2" Dia	12.00	P.Rft	120/-
8	02	Supplying & fixing in position brass bib cock b. 3/4" dia brass bi- cock. Standard pattern ( S.I.NO.1 P.NO.16 )	348.92	Each	698/-
9	02	Providing & fixing bal valve (with unsoldered copper ball ) made to B.B.S. 1212 ( S.I.NO.6 P.NO. 18 ) (ii) 3/4" dia	290.84	Each	582/-
10	01	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as soecified i/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet .outlet flow pipes etc complete ( S.I.NO .3. P.NO.18 ) (a) 250 Gallon thickness 3.5 mm	21989.6	Each	21990/-
11	01	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delievery with base plate and compiling one horse power single phase motor (siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4) Elect. Motor	12500	P.No	12500/-
12		Providing and Installation of Hand pump 1-1/4" G.I pipe and colr syainer with wooden shap including cost of 4" feet above ground level embded in C.C (1:2:4) with iron handle and required same shape with acc and fixing etc complete.			
	10	(a) Filter pipe	120	Rft.	1200/-
	45	(b) G.I pipe	110	Rft.	4950/-
	01	(c) H.P Machine	2500	P.NO	2500/-

**TOTAL RS:- 65, 182/-**

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEME(2016-17)**

(b). Brief Description of Works:- ADP NO:213-CONSTRUCTION OF BUILDING FOR  
SHELTERLESS PRIMARY SCHOOL OF DISTRICT  
SHIKARPUR(2016-17-PROGMM)(4 UNITS)  
3. GBPS Malhi Soomra @ Mehboob Khuharo

(c). Procuring Agency's address:- Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 3.300 (Million)

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f). Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g). Security Deposit:- (including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - <sup>15</sup>~~04~~ Months

(L). Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_  
Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees: Three Thousand only)

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt. Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**



**NAME OF WORK:- CONSTRUCTION OF BUILDING FOR SHELTERLESS PRIMARY SCHOOLS**

**DISTRICT SHIKARPUR 2016 - 2017 PROGRAM ADP NO. 213  
AT GBPS MALHI SOOMRA @ MEHBOOB KHU HARO TALUKA KHANPUR  
DISTRICT SHIKARPUR**

SR. NO:	ITEM OF WORK.	QUANTITY.	RATE	UNIT	AMOUNT.
1	Excavation in foundation of building bridges and other structure l/c dagbelling dressing around the structure including degbelling dressing refilling around the structure with excavated earth watering ramming earth lead upto one chain and lift upto 5' feet (S.I.NO: 18"b",P.NO: 4).	3058	3176.25	%o cft	9713/-
2	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio (1:5:10) in cement sand mortar.(S.I.NO: 4"c" P.No: 15).	1242	8694.95	%o cft	107991/-
3	Pacca brick work in foundation of building and plinth in ratio( 1.6) in cement sand mortar.(S.I.NO:4,P.NO:21).	2946	11948.36	% Cft.	351999/-
4	R.C.C. work in roof slab beams rafts lintels and other structural members laid in sattu or precast laid in position complete in all respect cemen concrete (1.2.4) (S.I.NO: 6(l) P.NO: 17).	800	337	P.sft.	269600/-
5	Fabrication of mild steel reinforcement for cement concrete work l/c cutting bending and laying in positionm including the cost of steel binding wire also removal from rust from bars. (S.I.NO: 8 P.NO: 17 ).	33.214	5001.70	P.cwt.	178631/-
6	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5' feet.( S.I.NO;21,P.NO;4).	1035	1512.50	%0 Cft.	1565/-
7	Filling watering ramming earth under floor with new earth excavated from out side lead upto one chain and lift upto 5' feet.(S.I.NO:22.P.NO: 4).	741	3630.00	%0 Cft.	2690

8	Supplying and filling sand under floor with plugging in wells (S.I.NO: 29,P.NO: 26).	465	1141.25	%0 Cft.	5307
9	Pacca brick work in ground floor with (1:6) ratio in cement sand mortar (S.I.NO: 4,P.NO: 21).	2241	12674.36	% Cft.	284032
10	Supplying and fixing iron Girders at site of work.	25.116	3850/-	P.cwt.	96697
11	Supplying and fixing iron tears at site of work.	30.312	3575/-	P.cwt.	108365
12	Erection rolled steel beams or old rails.	55.428	186/34	P.cwt.	10328
13	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobi leaping over 1/2" thick cement plaster (1: 6 ) with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12"x6"x2" tiles laid in 1.6 cement mortar l/c (1.2) cement pointing under neath of tiles Completed including curig etc (S.I.NO: 2,P.NO: 33).	1417	7607/25	% sft.	107795
14	Providing and laying single layer of polythin sheet of 0.13 mm thick for water proofing as per instruction given by Engineer incharge.	1417	10.70	P.sft.	15162
15	Pacca brick work in other than building with ( 1:6 ) ratio in cement sane mortar. (S.I.NO: 7,P.NO: 22 ).	703	12346/65	%cft.	86797
16	Making and fixing steel grated door with 1/16" thick sheeting including angle iron frame 2"x2"x3/8" thick and 3/4" thick square bar at 4" dia centre tocentre with locking arrangement. ( S.I.NO: 24,P.NO:92).	48	726/72	P.sft.	34883
17	First class deodar wood wrought joinary in doors and windows etc fixed in position l/c chowkats, hold fasts, hinges, iorn towers bolts nuts and cleats with hocks etc deodar wood 1-3/4" thick.( S.I.NO: P.NO: ).	187	309/52	P.sft.	238193
18	Providing and fixing Deodai Almirah 9-"12" depth including boxing with back shelves shutters fittingis	32	1778/50	P.sft.	56912

19	Supplying & fixing mild steel round bar for barred windows.	1.589	3700	P.cwt.	5879
20	Cutting & fixing mild steel round bars for windows. S.I.No. 18 P.No. 92.	60	28/23	P.cwt.	1694
21	Supplying & fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including Painting 3 coats ect complete (Weight not to be less then 3.7 lbs/sq.feet of finished Grill S.I No: 26 P.N 93				
22	Making notice board made with cement ratio ( 1: 2 ).(S.I.NO:1,P.NO.95).	72	180/50	P.sft	12996
23	Cement plaster ratio ( 1: 6 ) in cement sand mortar 1/2" thikc. (S.I.NO: 13 a,P.NO: 52).	64	58/11	P.sft.	3719
24	Cement plaster ( 1:4 ) upto 20' height 3/8 " thick in cement sand mortar. ( S.I.NO: 11 a,P.NO: 52).	5732	2206/60	%sft.	126482
25	Providing and laying cement concrete topping ratio ( 1: 2: 4 ) l/c surface and dividing into pannels. ( S.I.NO: 10 d,P.NO: 42). ( A ) 3" THICK.	5668	2197/52	%Sft.	124555
	( B ) 2" THICK.	29	4411/82	% Sft.	1279
		80	3275/50	%Sft.	2620
26	Cement pointing ( 1: 2 ) ratio including striking joints on walls.(S.I.NO: 19 a,P.NO: 53).	2667	1287/44	%Sft.	34336
27	Cement pointing on flushing raised ( 1 : 3 ) ratio.(S.I.NO:20,P.NO:53).	1963	1758/08	%Sft.	34511
28	Providing & Lying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles including curing grinding, rubbing and chemeical polishing etc complete i.c cutting tiles to proper profile (R.....A)	1058	307	P.Sft.	324806

29	Cement concrete plain including placing compacting finishing and curring complete (l/c) screening and washing of stone aggregate without shuttering (S.I.NO:5,p.No:16)	163	14429/25	% Cft	23520
30	Laying floor of approved with glazed tile 1/4"thick in white cement 1:2 over 3/4"thick cement mortar1:2 complete (S.I No: 24 P No:43)	37	27678/86	%Sft	10241
31	White glazed tiles 1/4" thick dado jointed in cement and laid over (1:2) cement sand mortar 3/4" thick including finishing.(S.I.NO:38,P.NO:45)	48	28299/30	%Sft	13584
32	White wash Three Coats.(S.I.NO:26,"C" P.NO:54)	960	829/95	%Sft	7968
33	Priming coat of chalk under distempering.(S.I.NO:23,P.NO:54)	2731	442/75	%Sft	12092
34	Distempering Three coats (S.I.NO:24 , P.NO:54)	2731	1079/65	%Sft	29485
35	Colour washing Three coats(S.I.NO:25, P.NO:54)	4660	859/90	%Sft	40071
36	Preparing surface painting to doors and windows any type including edges (Three coats) new surface (S.I.NO:5-c P.NO: 70 )	438	2116/41	%Sft	9270
37	Preparing surface painting to guard bars of iron gates railing l/c standard braces open work three new surface.(S.I.NO:5,d,P.NO. 70).	839	1270/83	%Sft	10662
38	Fixing Water Spouts or Parnal (S.I.No:37 P. No:38)	6	211/75	P.Each	1271
				G.Total	2797701

**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	02	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connetions & making good in cement 1:2:4 B.(i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4 C.I trape & C.I Thumble. (S.I.NO.1.P.NO.1)	4802.60	Each	9605/-
2	12	Providing and fixing 4" dia C.I soil & vent pipes including Cutting and fitting and extra painting to match the colour of building. (S.I.NO.1.P.NO.8)	333.29	Each	3999/-
3	02	Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/8" thick and bolts & nuts and extra painting to match the colour of the building. (S.I.NO.5.P.NO.8)	270.60	Each	541/-
4	06	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required depth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I.No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft.	1131/-
5		Providing G.I Pipes specials & clamps etc including fixing cutting and 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 and testing with water to a pressure head of 200 feet and handling. (S.I.NO.1.P.NO.12)			
	10	(iii) 1" dia G.I Pipe	128.55	Rft.	1286/-
	10	(i) 1/2" dia G.I Pipe	73.21	Rft.	732/-
	15	(ii) 3/4" dia G.I Pipe	95.79	Rft.	1437/-
6		P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft			
	6.0	(a) 3" Dia	90.00	P.Rft	540/-
	6.0	(b) 4" Dia	136.00	P.Rft	816/-
7		P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft			
	10	(a) 1" Dia	27.00	P.Rft	270/-
	15	(b) 3/4" Dia	19.00	P.Rft	285/-
	10	(c) 1/2" Dia	12.00	P.Rft	120/-
8	02	Supplying & fixing in position brass bib cock b. 3/4" dia brass b. cock. Standard pattern (S.I.NO.1.P.NO.16)	348.92	Each	698/-
9	02	Providing & fixing bal valve (with unsoldered copper ball) made to B.B.S. 1212 (S.I.NO.6.P.NO.18) (ii) 3/4" dia	290.84	Each	582/-
10	01	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as specified i/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet, outlet flow pipes etc complete (S.I.NO.3.P.NO.18) (a) 250 Gallon thickness 3.5 mm	21989.6	Each	21990/-
11	01	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delivery with base plate and compiling one horse power single phase motor (siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4) Elect. Motor	12500	P.No	12500/-
12		Providing and Installation of Hand pump 1-1/4" G.I pipe and colr syainer with wooden shap including cost of 4" feet above ground level embded in C.C (1:2:4) with iron handle and required same shape with acc and fixing etc complete.			
	10	(a) Filter pipe	120	Rft.	1200/-
	45	(b) G.I pipe	110	Rft.	4950/-
	01	(c) H.P Machine	2500	P.NO	2500/-

**TOTAL RS:- 65,182/-**

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

PROVINCIAL ADP SCHEMES(2-16-17)

(b). Brief Description of Works:- ADP NO:223-UP-GRADATION OF PRIMARY SCHOOL  
TO MIDDLE SCHOOL AT LARKANA DIVISION(4-UNITS)  
1. GBPS Mugheem Khan Jafferi

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 8.00 ( Millions).

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - 15 Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_  
Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees: Three Thousand only

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt: Contractor.

  
EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
SHIKARPUR

**NAME OF WORK:-UPGRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS****AT LARKANA DIVISION 2016 - 2017 PROGRAM ADP NO. 223****AT GBPS MUGHEEM KHAN JAFFERY TALUKA & DISTRICT SHIKARPUR**

<b>SR. NO:</b>	<b>ITEM OF WORK.</b>	<b>QUANTITY.</b>	<b>RATE</b>	<b>UNIT</b>	<b>AMOUNT.</b>
1	Excavation in foundation of building bridges and other structure l/c dagbelling dressing around the structure including degbelling dressing refilling around the structure with excavated earth watering ramming earth lead upto one chain and lift upto 5' feet (S.I.NO: 18"b",P,NO: 4).	7778	3176.25	%o cft	24705
2	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio (1:5:10) in cement sand mortar.(S.I.NO: 4"c" P.No: 15).	2855	8694.95	%o cft	248241
3	Pacca brick work in foundation of building and plinth in ratio( 1.6) in cement sand mortar.(S.I.NO:4,P.NO:21).	6182	11948.36	% Cft.	738648
4	R.C.C. work in roof slab beams rafts lintels and other structural members laid in sattu or precast laid in position complete in all respect cemen concrete (1.2.4) (S.I.NO: 6(I) P.NO: 17).	1635	337	P.sft.	550995
5	Fabrication of mild steel reinforcement for cement concrete work l/c cutting bending and laying in positionm including the cost of steel binding wire also removal from rust from bars. (S.I.NO: 8 P.NO: 17 ).	72.991	5001.70	P.cwt.	365079
6	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5' feet.( S.I.NO;21,P.NO;4).	2464	1512.50	%0 Cft.	3727
7	Filling watering ramming earth under floor with new earth excavated from out side lead upto one chain and lift upto 5' feet.(S.I.NO:22.P.NO: 4).	3043	3630.00	%0 Cft.	11046



8	Suppying and filling sand under floor with plugging in welles (S.I.NO: 29,P.NO: 26).	1276	1141.25	%0 Cft.	14562
9	Extra lead 2 Miles.	4319	502.65	% Cft.	21709
10	Pacca brick work in ground floor with (1:6) ratio in cement sand mortar (S.I.NO: 4,P.NO: 21).	5169	12674.36	% Cft.	655138
11	Supplying and fixing iron Girders at site of work.	68.821	3850/-	P.cwt.	264961
12	Supplying and fixing iron tears at site of work.	68.471	3575/-	P.cwt.	244784
13	Errection rolled steel beams or old rails.	137.292	186/34	P.cwt.	25583
14	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobri leeping over 1/2" thick cement plaster (1: 6 ) with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12"x6"x2" tiles laid in 1.6 cement mortar l/C (1.2) cement pointing under neath of tiles Completed including curig etc (S.I.NO: 2,P.NO: 33).	3680	7607/25	% sft.	279947
15	Providing and laying single layer of polythin sheet of 0.13 mm thick for water proofing as per instruction given by Engineer incharge.	3680	10.70	P.sft.	39376
16	First class deodar wood wrought joinary in doors and windows etc fixed in position l/c chowkats, hold fasts, hinges, iorn towers bolts nuts and cleats with hocks etc deodar wood 1-3/4" thick.( S.I.NO: 7 P.NO: 58 ).	583	1273.76	P.sft.	742602
17	Providing and fixing Deodai Almirah 9-"12" depth including boxing with back shelves shutters fittingis complete. (S.I.No. 23 P.No. 61)	94.5	1748	P.sft.	165186

18	Supplying & fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including Painting 3 coats ect complete (Weight not to be less then 3.7 lbs/sq.feet of finished Grill S.I No: 26 P.N 93	206	180/50	P.sft	37193
19	Steel Grill Door with angle iron from (S.I 31p).	101.5	231.6	P.sft.	23507
20	Pacca brick work other than Building (1:6)	2700	12346.65	%Cft	333360
21	Cement plaster ratio ( 1: 6 ) in cement sand mortar 1/2" thikc.	13701	2206/60	%sft.	302326
22	Cement plaster ( 1:4 ) upto 20' height 3/8 " thick in cement sand mortar. ( S.I.NO: 11 a,P.NO: 52).	13701	2197/52	%Sft.	301082
23	Cement pointing ( 1: 2 ) ratio including striking joints on walls.(S.I.NO: 19 a,P.NO: 53).	5498	1287/44	%Sft.	70783
24	Errection and removal of centering for R.C.C or plain cement concrete work of deodar wood (2nd: class) (S.I No:19 (b) (ii) P.No:18)	600	3127.41	%Sft.	18764
25	Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2"x3/8" and 3/4" square bars at 4" centre to centre with locking arrangement. (S.I.NO.24 P. NO.92)	60	726.72	P.Sft	43603
26	Supplying and fixing broken glasses on courtyard walls including 1:3:6 cement concrete coping.	600	70.44	P.Sft	42264

27 Providing and laying cement concrete topping ratio ( 1: 2: 4 ) l/c surface and dividing into pannels. ( S.I.NO: 10 d,P.NO: 42).				
( A ) 3" THICK.	1216	4411/82	% Sft.	53641
( B ) 2" THICK.				
	52	3275/50	%Sft.	1703
28 Cement concret plain including placing compecting , finishing & curing, complete (l/c screening & washing of stone aggregate without shuttering (S.No: 5 (a) P.No: 16)				
	477	14429.25	%Cft.	68828
29 Laying floor of approved with glazed tile 1/4"thick in white cement 1:2 over 3/4"thick cement mortar1:2 complete (S.I No: 24 P No:43				
	123	27678/86	%Sft	34045
30 White glazed tiles 1/4" thick dado jointed in cement and laid over (1:2) cement sand mortar 3/4" thick including finishing.(S.I.NO:38,P.NO:45)				
	389	28253.61	%Sft	109907
31 Providing & Lying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles including curing grinding, rubbing and chemeical polishing etc complete i.c cutting tiles to proper profile (R.....A)				
	1540	307	P.Sft.	472780
32 Making notice board made with cement ratio ( 1: 2 ).(S.I.NO:1,P.NO.95).				
	160	58/11	P.sft.	9298
33 Fixing Water Spouts or Parnal (S.I.No:37 P. No:38)				
	8	211/75	P.Each	1694
34 White wash Three Coats.(S.I.NO:26,"C" P.NO:54)				
	3102	829/95	%Sft	25745
35 Priming coat of chalk under distempering.(S.I.NO:23,P.NO:54)				
	12811	442/75	%Sft	56721

36 Distempering Three coats (S.I.NO:24 , P.NO:54)

12811 1079/65 %Sft 138314

37 Colour washing Two coats(S.I.NO:25, P.NO:54)

5498 859.90 P.cwt. 47277

38 Preparing surface painting to doors and windows any type including edges  
(Three coats) new surface (S.I.NO:5-c P.NO: 70 )

1355 2116/41 %Sft 28677

39 Preparing surface painting to guard bars of iron gates railing l/c standard  
braces open work three new surface.(S.I.NO:5,d,P.NO. 70).

3618 1270/83 %Sft 45979

G.Total 6663780

**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	04	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connetions & making good in cement 1:2:4 B.(i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4 C.I trape & C.I Thumble. (S.I.NO 1,P.NO.1)	4802.60	Each	19210/-
2	40	Providing and fixing 4" dia C.I soil & vent pipes including Cutting and fitting and extra painting to match the colour of building.( S.I.NO.1 ,P.NO.8 )	333.29	Each	13332/-
3	04	Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/8" thick and built & nuts and extra painting to match the colour of the building.( S.I.NO.5.P.NO.8 )	270.60	Each	1082/-
4	12	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required deoth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft.	2261/-
5		Providing G.I Pipes specials & clamps etc including fixing cutting and 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 and testing with water to a pressure head of 200 feet. and handling. ( S.I.NO.1 ,P.NO.12 )			
	15	(iii) 1" dia G.I Pipe	128.55	Rft.	1928/-
	20	(i) 1/2" dia G.I Pipe	73.21	Rft.	1464/-
	30	(ii) 3/4" dia G.I Pipe	95.79	Rft.	2874/-
6		P/L UPVC pipes of "Class B" fixing in tranch i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft			
	10	(a) 3" Dia	90.00	P.Rft	900/-
	20	(b) 4" Dia	136.00	P.Rft	2720/-
7		P/L UPVC pipes of "Class B" fixing in tranch i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft			
	10	(a) 1" Dia	27.00	P.Rft	270/-
	20	(b) 3/4" Dia	19.00	P.Rft	380/-
	30	(c) 1/2" Dia	12.00	P.Rft	360/-
8	05	Supplying & fixing in position brass bib cock b. 3/4" dia brass bi cock. Standard pattern ( S.I.NO.1 P.NO.16 )	348.92	Each	1745/-
9	01	Providing & fixing bal valve (with unsoldered copper ball ) made to B.B.S. 1212 ( S.I.NO.6 P.NO.18 ) (ii) 3/4" dia	290.84	Each	291/-
10	0.1	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as soecified i/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet .outlet flow pipes etc complete ( S.I.NO.3. P.NO.18 ) (a) 250 Gallon thickness 3.5 mm	21989.6	Each	21990/-
11	01	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delievery with base plate and compiling one horse power single phase motor (siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4) Elect. Motor	12500	P.No	12500/-
12		Providing and Installation of Hand pump 1-1/4" G.I pipe and colr syainer with wooden shap including cost of 4" feet above ground level embded in C.C (1:2:4) with iron handle and required same shape with acc and fixing etc complete.			
	10	(a) Filter pipe	120	Rft.	1200/-
	50	(b) G.I pipe	110	Rft.	5500/-
	01	(c) H.P Machine	2500	P.NO	2500/-

13	02	Providing and fixing 22"x16" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inch built into wall. Painted while in two coats after a primary coat of red lead paint a pair of 1/2 dia chrome plated pillar traps 1-1/2" dia rubber plug chrome brass waste of approved pattern 1-1/4" dia malleable iron cp union making and traps, malleable iron or brass requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (standard pattern) S.I No:13 P.No:3	4694.8	Each	9 390/-
14	02	Add extra for labour for providing & fixing of earth ware pedestal white or coloured glazed (standard pattern) S.I No:9 P.No:3	938.47	Each	1877/-
15	02	Supplying & fixing swan type pillar cock of superior quality single c.p head 1/2" dia S.I No:18 P.No:16	795.30	Each	1591/-
16	02	Supplying & fixing bath room accessories (7 pieces) i/c towel rod, brush holder, soap tray, shelf of approved quality and design etc complete S.I No:24 P.No:16	8122.4	Each	16 245/-
17	03	Construction manhole or inspection chamber for the required dia of circular sewer and 3"x6" (1067mm) dept with walls of B.B in cement mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2"x1-1/2" (457x457mm of 1.75Cwt. (88.9 kg.) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S steps 6" (150mm) wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc complete as per specification and drawing No.D/I of Public Health Circule Southern zone S.I No:1 P.No:39	14748	Each	44 244/-
18	100	Providing R.C.C.pipe with collars class "B" and digging the trench to required depth and fixing in position including cutting fitting and joining with maxphalt 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 stuff. (S.I.NO. 2 P.NO.21) (c) 6" dia R.C.C pipe class "B"	199.25	Rft.	199 25/-
19	02	Providing & fixing 4" dia C.I Terminal guard including extra painting to match the colour of the building S.I No:10 P.No:9	389.70	Each	779/-
20	02	Providing & fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connections S.I No:23 P.No:6	447.15	Each	894/-
21	02	Providing & fixing 15"x12" beveled edge mirror of belgium glass complete with 1/8" thick hard board and C.P serews fixed to wooden plate S.I No:3 P.No:7 a) standard pattern	1161.6	Each	2323/-
TOTAL RS:					189,775/-

Amount Total (CSR)

Part "A" % Above / Below \_\_\_\_\_

Part "B" % Above / Below \_\_\_\_\_

CONTRACTOR

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
SHIKARPUR

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEMES(2-16-17)**

(b). Brief Description of Works:- ADP NO.223-UP-GRADATION OF PRIMARY SCHOOL  
TO MIDDLE SCHOOL AT LARKANA DIVISION(4-UNITS)  
1. GBPS K.B Allah Bux Soomro

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 8.00 ( Millions).

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - 15 Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: 8  
Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees:Three Thousand only

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt. Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**



**NAME OF WORK:-UPGRADATION OF PRIMARY SCHOOLS TO MIDDLE SCHOOLS****AT LARKANA DIVISION 2016 - 2017 PROGRAM ADP NO. 223****AT GBPS K.B ALLAH BUX SOOMRO TALUKA KHANPUR DISTRICT SHIKARPUR**

SR. NO:	ITEM OF WORK.	QUANTITY.	RATE	UNIT	AMOUNT.
1	Excavation in foundation of building bridges and other structure l/c dagbelling dressing around the structure including degbelling dressing refilling around the structure with excavated earth watering ramming earth lead upto one chain and lift upto 5' feet (S.I.NO: 18"b",P,NO: 4).	7778	3176.25	%o cft	24705
2	Cement concrete brick or stone ballast 1-1/2" to 2" guage ratio (1:5:10) in cement sand mortar.(S.I.NO: 4"c" P.No: 15).	2855	8694.95	%o cft	248241
3	Pacca brick work in foundation of building and plinth in ratio( 1.6) in cement sand mortar.(S.I.NO:4,P.NO:21).	6182	11948.36	% Cft.	738648
4	R.C.C. work in roof slab beams rafts lintels and other structural members laid in sattu or precast laid in position complete in all respect cemen concrete (1.2.4) (S.I.NO: 6(l) P.NO: 17).	1635	337	P.sft.	550995
5	Fabrication of mild steel reinforcement for cement concrete work l/c cutting bending and laying in positionm including the cost of steel binding wire also removal from rust from bars. (S.I.NO: 8 P.NO: 17 ).	72.991	5001.70	P.cwt.	365079
6	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5' feet.( S.I.NO;21,P.NO;4).	2464	1512.50	%0 Cft.	3727
7	Filling watering ramming earth under floor with new earth excavated from out side lead upto one chain and lift upto 5' feet.(S.I.NO:22.P.NO: 4).	3043	3630.00	%0 Cft.	11046

8	Suppying and filling sand under floor with plugging in welles (S.I.NO: 29,P.NO: 26).	1276	1141.25	%0 Cft.	14562
9	Extra lead 2 Miles.	4319	502.65	% Cft.	21709
10	Pacca brick work in ground floor with (1:6) ratio in cement sand mortar (S.I.NO: 4,P.NO: 21).	5169	12674.36	% Cft.	655138
11	Supplying and fixing iron Girders at site of work.	68.821	3850/-	P.cwt.	264961
12	Supplying and fixing iron tears at site of work.	68.471	3575/-	P.cwt.	244784
13	Errection rolled steel beams or old rails.	137.292	186/34	P.cwt.	25583
14	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobri leeping over 1/2" thick cement plaster (1: 6 ) with 34 lbs of hot bitumen coating sand blinded provided over one layer of 12"x6"x2" tiles laid in 1.6 cement mortar l/C (1.2) cement pointing under neath of tiles Completed including curig etc (S.I.NO: 2,P.NO: 33).	3680	7607/25	% sft.	279947
15	Providing and laying single layer of polythin sheet of 0.13 mm thick for water proofing as per instruction given by Engineer incharge.	3680	10.70	P.sft.	39376
16	First class deodar wood wrought joinary in doors and windows etc fixed in position l/c chowkats, hold fasts, hinges, iorn towers bolts nuts and cleats with hocks etc deodar wood 1-3/4" thick.( S.I.NO: 7 P.NO: 58 ).	583	1273.76	P.sft.	742602
17	Providing and fixing Deodai Almirah 9-"12" depth including boxing with back shelves shutters fittingis complete. (S.I.No. 23 P.No. 61)	94.5	1748	P.sft.	165186

18	Supplying & fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including Painting 3 coats ect complete (Weight not to be less then 3.7 lbs/sq.feet of finished Grill S.I No: 26 P.N 93	206	180/50	P.sft	37193
19	Steel Grill Door with angle iron from (S.I 31p).	101.5	231.6	P.sft.	23507
20	Pacca brick work other than Building (1:6)	2700	12346.65	%Cft	333360
21	Cement plaster ratio ( 1: 6 ) in cement sand mortar 1/2" thikc.	13701	2206/60	%sft.	302326
22	Cement plaster ( 1:4 ) upto 20' height 3/8 " thick in cement sand mortar. ( S.I.NO: 11 a,P.NO: 52).	13701	2197/52	%Sft.	301082
23	Cement pointing ( 1: 2 ) ratio including striking joints on walls.(S.I.NO: 19 a,P.NO: 53).	5498	1287/44	%Sft.	70783
24	Errection and removal of centering for R.C.C or plain cement concrete work of deodar wood (2nd: class) (S.I No:19 (b) (ii) P.No:18)	600	3127.41	%Sft.	18764
25	Making & fixing steel grated doors with 1/16" thick sheeting including angle iron frame 2"x2"x3/8" and 3/4" square bars at 4" centre to centre with locking arrangement. (S.I.NO.24 P. NO.92)	60	726.72	P.Sft	43603
26	Supplying and fixing broken glasses on courtyard walls including 1:3:6 cement concrete coping.	600	70.44	P.Sft	42264

27 Providing and laying cement concrete topping ratio ( 1: 2: 4 ) l/c surface and dividing into pannels. ( S.I.NO: 10 d,P.NO: 42).	( A ) 3" THICK.	1216	4411/82 % Sft.	53641
	( B ) 2" THICK.	52	3275/50 %Sft.	1703
28 Cement concret plain including placing compecting , finishing & curing, complete (l/c screening & washing of stone aggregate without shuttering (S.No: 5 (a) P.No: 16)		477	14429.25 %Cft.	68828
29 Laying floor of approved with glazed tile 1/4"thick in white cement 1:2 over 3/4"thick cement mortar1:2 complete (S.I No: 24 P No:43		477	14429.25 %Cft.	68828
	Page 123	27678/86	%Sft	34045
30 White glazed tiles 1/4" thick dado jointed in cement and laid over (1:2) cement sand mortar 3/4" thick including finishing.(S.I.NO:38,P.NO:45)		389	28253.61 %Sft	109907
31 Providing & Lying floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without winding set in white cement laid over 3/4" thick bed of 1:2 grey cement mortar setting the tiles with grey cement slurry jointing and washing the tiles with slurry of white cement and pigment to match the colour of tiles including curing grinding, rubbing and chemeical polishing etc complete i.c cutting tiles to proper profile (R.....A)		1540	307 P.Sft.	472780
32 Making notice board made with cement ratio ( 1: 2 ).(S.I.NO:1,P.NO.95).		160	58/11 P.sft.	9298
33 Fixing Water Spouts or Parnal (S.I.No:37 P. No:38)		8	211/75 P.Each	1694
34 White wash Three Coats.(S.I.NO:26,"C" P.NO:54)		3102	829/95 %Sft	25745
35 Priming coat of chalk under distempering.(S.I.NO:23,P.NO:54)		12811	442/75 %Sft	56721

36 Distempering Three coats (S.I.NO:24 , P.NO:54)

12811 1079/65 %Sft 138314

37 Colour washing Two coats(S.I.NO:25, P.NO:54)

5498 859.90 P.cwt. 47277

38 Preparing surface painting to doors and windows any type including edges  
(Three coats) new surface (S.I.NO:5-c P.NO: 70 )

1355 2116/41 %Sft 28677

39 Preparing surface painting to guard bars of iron gates railing l/c standard  
braces open work three new surface.(S.I.NO:5,d,P.NO. 70).

3618 1270/83 %Sft 45979

G.Total 6663780

**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	04	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connetions & making good in cement 1:2:4 B.(i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4 C.I trape & C.I Thumble. (S.I.NO 1,P.NO.1)	4802.60	Each	19210/-
2	40	Providing and fixing 4" dia C.I soil & vent pipes including Cutting and fitting and extra painting to match the colour of building.( S.I.NO.1 ,P.NO.8 )	333.29	Each	13332/-
3	04	Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/8" thick and built & nuts and extra painting to match the colour of the building.( S.I.NO.5,P.NO.8 )	270.60	Each	1082/-
4	12	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required deoth and fixing to position and joining-with rubber rings including testing to water pressure head of 200 feet S.I No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft:	2261/-
5		Providing G.I Pipes specials & clamps etc including fixing cutting and 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 and testing with water to a pressure head of 200 feet . and handling. ( S.I.NO.1 ,P.NO.12 )			
	15	(iii) 1" dia G.I Pipe	128.55	Rft:	1928/-
	20	(i) 1/2" dia G.I Pipe	73.21	Rft:	1464/-
	30	(ii) 3/4" dia G.I Pipe	95.79	Rft:	2874/-
6		P/L UPVC pipes of "Class B" fixing in tranch i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft			
	10	(a) 3" Dia	90.00	P.Rft	900/-
	20	(b) 4" Dia	136.00	P.Rft	2720/-
7		P/L UPVC pipes of "Class B" fixing in tranch i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft			
	10	(a) 1" Dia	27.00	P.Rft	270/-
	20	(b) 3/4" Dia	19.00	P.Rft	380/-
	30	(c) 1/2" Dia	12.00	P.Rft	360/-
8	05	Supplying & fixing in position brass bib cock b. 3/4" dia brass b. cock. Standard pattern ( S.I.NO.1 P.NO.16 )	348.92	Each	1745/-
9	01	Providing & fixing bal valve (with unsoldered copper ball ) made to B.B.S. 1212 ( S.I.NO.6 P.NO.18 ) (ii) 3/4" dia	290.84	Each	291/-
10	0.1	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as soecified i/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet .putlet flow pipes etc complete ( S.I.NO .3. P.NO.18 ) (a) 250 Gallon thickness 3.5 mm.	21989.6	Each	21990/-
11	01	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delievery with base plate and compiling one horse power single phase motor (siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4) Elect. Motor	12500	P.No	12500/-
12		Providing and Installation of Hand pump 1-1/4" G.I pipe and colr syainer with wooden shap including cost of 4" feet above ground level embded in C.C (1:2:4) with iron handle and required same shape with acc and fixing etc complete.			
	10	(a) Filter pipe	120	Rft:	1200/-
	50	(b) G.I pipe	110	Rft:	5500/-
	01	(c) H.P Machine	2500	P.NO	2500/-

13	02	Providing and fixing 22"x16" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inch built into wall. Painted while in two coats after a primary coat of red lead paint a pair of 1/2 dia chrome plated pillar traps 1-1/2" dia rubber plug chrome brass waste of approved pattern 1-1/4" dia malleable iron cp union making and traps, malleable iron or brass requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (standard pattern) S.I No:13 P.No:3	4694.8	Each	9 390/-
14	02	Add extra for labour for providing & fixing of earth ware pedestal white or coloured glazed (standard pattern) S.I No:9 P.No:3	938.47	Each	1877/-
15	02	Supplying & fixing swan type pillar cock of superior quality single c.p head 1/2" dia S.I No:18 P.No:16	795.30	Each	1591/-
16	02	Supplying & fixing bath room accessories (7 pieces) i/c towel rod, brush holder, soap tray, shelf of approved quality and design etc complete S.I No:24 P.No:16	8122.4	Each	16 245/-
17	03	Construction manhole or inspection chamber for the required dia of circular sewer and 3"x6" (1067mm) dept with walls of B.B in cement mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2"x1-1/2" (457x457mm of 1.75Cwt. (88.9 kg.) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S steps 6" (150mm) wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc complete as per specification and drawing No.D/I of Public Health Circle, Southern zone S.I No:1 P.No:39	14748	Each	44 244/-
18	100	Providing R.C.C pipe with collars class "B" and digging the trench to required depth and fixing in position including cutting fitting and joining 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 stuff. (S.I NO. 2 P.NO 21) (c) 6" dia R.C.C pipe class "B"	199.25	Rft.	199 25/-
19	02	Providing & fixing 4" dia C.I Terminal guard including extra painting to match the colour of the building S.I No:10 P.No:9	389.70	Each	779/-
20	02	Providing & fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connections S.I No:23 P.No:6	447.15	Each	894/-
21	02	Providing & fixing 15"x12" beveled edge mirror of belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden pleat S.I No:3 P.No:7 a) standard pattern	1161.6	Each	2323/-
TOTAL RS:					189,775/-

Amount Total (CSR)

Part "A" % Above / Below \_\_\_\_\_

Part "B" % Above / Below \_\_\_\_\_

CONTRACTOR

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
SHIKARPUR



**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIALADPSCHEMES(2016-17)**

(b). Brief Description of Works:- ADP NO:245-REMAINING WORK,CONSTRUCTION  
RE:CONSTRUCTION OF ELEMENTARY COLLEGE  
AT SHIKARPUR(01 UNIT)  
1. Elementary College Shikarpur

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 24.600(Million)

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - 15 Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_

Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees:Three Thousand only)

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt: Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**

### BOQ-1 (i)

**NAME OF WORK:- REMAINING CONSTRUCTION/RECONSTRUCTION OF ELEMENTRY COLLEGE SHIKARPUR(PROGRAMME2016-17)ADPNo:TALUKA SHIKARPUR(M BUILDING)**

S.NO:	DESCRIPTION	QNTY	RATE	UNIT	AMOUNT
<b>A PART-A (CIVIL WORK)</b>					
1	Excavation in foundation of building bridges & other structure with excavated lead upto one chain and lift upto 5'feet. In ordinary Soil. (S.I.No:18(b)-P/14)	17529	3176.25	%0cft	55,676
2	Cement Concrete brick or stone ballast 1 1/2" to 2" guage Ratio 1:5:10. (S.I.No:4@-P/21)	5543	8694.95	%.Cft	481,961
3	Pacca brick work in Foundation and plinth in cement sand mortor 1:6 (S.I.No:4-P/20)	16373	11948.36	%.Sft	1,956,305
4	Reinforcement for cement concrete including labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid seperately. This reate also includes all kind of forms moulds lifting shuttering curring etc compl	14275	337	P.Cft	4,810,675
5	Fabrication of Tar steel reinforcement for cement concrete including cutting bending and laying in position making joints and fastening including the cost of binding wire also includes removal of rust from bars. (S.I.No:8(b)-P/16)	638.345	5001.7	P.Cwt	3,192.810
6	Earth filling from excavation	9656	1512.5	%0cft	14,605
7	Earth filling from out side	5657	3630	%0cft	20,535
8	S/F Sand under plugging in floor	2979	1141.25	%cft	33,998
9	Add extra lead two mile	5657	502.2	%cft	28,409
10	Pacca brick work in Ground floor and plugging into walls (S.I.No:5@-P/20)	7796	12674.36	%.Cft	988,093
B	F.Floor	292	13112.00	%.Cft	38,287
11	Pacca brick work other than building i/c stricking of joints on Wall Ratio 1:6 (S.I.No:7-P/21)	8909	12346.65	%.Cft	1,099,963
12	Cement Plaster 1:6 upto 20' height Ratio 1/2" thick (S.I.No:13(b)-P/51)	58282	2206.6	%.Sft	1,286,051
B	F.Floor	807	2308.84	%.Sft	18,632
13	Cement Plaster 1:4 upto 20' height Ratio 3/8" thick (S.I.No:13(b)-P/51)	58282	2197.52	%.Sft	1,280,759
B	F.Floor	807	2299.77	%.Sft	18,559
14	Cement Concrete Plain compacting finishing curring etc and washing aggregate without shuttering (S.I.No:5-P/15)	3190	14429.25	%.Sft	460,293

15	First class deodar wood wrought joinery in doors & windows etc complete fixed in position including chowkats holds fastes hinges (S.I.No:7-P/57)	956	1273.76	P.Sft	1,217,715
16	S/F M S bars for window	0.232	3700	P.Cwt	858
17	Cutting & fixing M S bars	10	28.23	P.No:	282
18	Making Notice board made with cement. (S.I.No:1-P/89)	116	58.11	P.Sft	6,741
19	P/F deodar almirah 9-12" depth	110	1748.00	P.Sft	192,280
20	P/L Cement Concrete topping i/c surface finishing and dividing into panells Ratio 3" thick (S.I.No:16-P/41)	32	4411.82	%Sft	1,412
B)	Ratio 2" thick	8079	3275.5	%Sft	264,628
21	Laying floor of approved white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (S I No: 24 P No: 43)	239	27678.86	%sft	66,152
22	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (S I No: 37 P No: 45)	855	28253.61	%sft	241,568
23	Laying floor of approved colour glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (S I No: 24 P No: 43)	3088	27747.06	%sft	856,829
24	Laying floor of approved Verona Morbling tiles 3/4" thick jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (R A Approved)	3946	307	P.Sft	1,211,422
25	C C Jalli 2" thick(S I No: P No: )	40	226.02	P.Sft	9,041
26	S/F iron steel grill 1/4"x3/4" size flate iron of approved design including painting 3 coats etc complete (S.I.No:26-P/92)	528	180.5	P.Sft	95,304
27	Making and fixing steel grill 1 /4 x3/4 flat rion of approve design including paiting three coats etc let not to be less than (SIN 26 p/92)	207	231.60	P.Sft	47,941
28	M/F steel grated door with 1-1/16" thick with locking arrangement (R.A)	83	942.06	P.Sft	78,191
29	P/F collapsible door (S I No:32 P No:94)	96	387.04	P.Sft	37,156
30	Supplying & Fixing broken glasses on courtyard wall including 1:3:6 cement concrete cooping (S I No:61 P No:105)	2280	70.44	P.Sft	160,603
31	White wash Three coats (S.I.No:26-P/53)	6494	829.95	%Sft	53,897
32	Primary coat of chalk under distempering (S.I.No:23-P/57)	56864	442.75	%Sft	251,765
33	Distempering Three coats (S.I.No:24-P/53)	56864	1079.65	%Sft	613,932
34	Painting doors and windows any type (S.I.No:5-P/69)	2132	2116.61	%Sft	45,126
B	Colour wash three coats	900	859.9	%Sft	7,739
TOTAL					21,246,195

**WATER SUPPLY & SANITARY WORK****GOVT. ELEMENTARY COLLEGE SHIKARPUR****PART- B : PLUMBING WORKS**

1	6.0	Providing and fixing squatting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4  B. WC pan of not less than 19" clear opening between flusing rims and 3 gallons flushing tank with 4" dia CI trap and CI thumble.	5,486.80	Each	32920.8
2		Providing R.G.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting & jointing with maxphalt composition & cement mortar 1: 1 and testing with water pressure jto a head of 4 feet above the top of the highest pipe & refilling with excavated staff.			
		- i). 4" dia pipe	146.57	P/Rft	
		- ii). 6" dia pipe	199.25	P/Rft	
3	3.0	Providing & fixing flat back lipped from urinal basin (of not less than 17" in height) of white glazed earthen ware complete with & i/c the cost of 1 gallon C.I automatic flushing cistern standard flush pipe with fitting standard waste pipe (Enamelled iron) connection complete 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. 7 P.No. 3	4,440.70	Each	13322
4	2.0	Providing and fixing European white glazed earthen ware wash down w.c pan complete with and i/c the cost of white / black plastic seat (Best quality) and lid with C.P brass hinges and buffers, 3 gallons white glazed earthen ware low level foushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia white porcelain enamelled 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 quality). S.I.No. 5 P.No. 2	11,477.40	Each	22955
5		Providing Laying UPVC pipes of Class "B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to a head of 61 meter or 200 ft. S.I.No. 2 P.No. 23 P.H.D			
		80 mm (3" dia)	90.00	P/Rft	
		100 mm (4" dia)	136.00	P/Rft	
		125 mm (5" dia)	185.00	P/Rft	
	200.0	150 mm (6" dia)	259.00	P/Rft	51800
6		Providing GI pipes specials and clamps etc including fixing cutting and fittings 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 zinc paint with pigment to match t			
	30.0	i). 1/2" dia pipe	73.21	P/Rft	2196
	40.0	ii). 3/4" dia pipe	95.79	P/Rft	3832
	10.0	ii). 1" dia pipe	128.55	P/Rft	1286
	-	ii). 1-1/4" dia pipe	153.19	P/Rft	

7		Providing Laying UPVC pipes of Class "D" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to a head of 122 meter or 400 ft. S.I. No. 6 P.No. 24 P.H.D			
	40.0	13 mm (1/2" dia)	12.00	P/Rft	480
	50.0	19 mm (3/4" dia)	19.00	P/Rft	950
	10.0	25 mm (1" dia)	27.00	P/Rft	270
		26 mm (1 1/4" dia)	33.00	P/Rft	
8		Providing and fixing handle volve (china)			
		i). 1/2" dia	200.42	Each	
	2.0	ii). 3/4" dia	271.92	Each	544
9	6.0	Supplying and fixing in position stop bib cocks with c.p head	889.46	Each	5337
10	1.0	Supplying and fixing in position long bib cocks with c.p head	1109.46	Each	1109
11	3.0	Supplying and fixing in position brass bib cocks 3/4" dia standard pattern S.I.No. 1 P.No. 16	348.92	Each	1047
12	4.0	Providing and fixing baal valve (with unsoldered copper ball ) made to BBS 1212 (S.I.No. 6 P.No. 18 II 3/4" dia	290.84	Each	1163
13	2.0	Supplying & fixing Bath room accessories set (7 pieces i/c towel rod, brush holder, soap tray, shelf of approved quality and design etc complete.	8122.4	Each	16245
14	4.0	Providing & fixing In position nyloon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nyloon connection.	447.15	Each	1789
15	4.0	Providing & fixing 22" x 16" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches 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 plated brass chain 1-1/4" dia, malleable iron or brass unions and making requisite number of holes in walls , plinth & floor for Pipe connections and making good in cement concrete 1: 2: 4 (Foreign or Equivalent).	4694.8	Each	18779
16	4.0	Add extra for labour for providing & fixing of earthen ware pedestal white or coloured glazed (standard pattern..) S.I.No. 9 P.No. 3	938.47	Each	3754
17	2.0	Providing & fixing 6" x 2" or 6" x 3" 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 & i/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4.	2,024.43	Each	4049
18	2.0	Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including caste of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4.	1,671.58	Each	3343
19	4.0	Providing and fixing 4"x4"x4" dia C.I branch of the required degree with access doors rubber washer 1/8" thick and built and nuts and extra painting to match the colour of the building.	270.60	Each	1082
20	2.0	Providing & fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws.	1,269.95	Each	2540

21		Providing installing hand pump machine i/c boaring with wooden sheo and C.C plate form.			
	10.0	a). Filter	76.05	P/Rft	761
	40.0	b) Boaring	38.95	P/Rft	1558
	1.0	c) Hand Machine	2,500	Each	2500
22	1.0	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc.	18470	Each	18470
23	-	S/F Jet shower with rod of superior quality with c.p head	1142.24	Each	
24	1.0	Providing & fixing 24" x 18" bavelled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat.	1711.6	Each	1712
25	4.0	(a) Supplying & Fixing swan type piller cock of Superior quality single c.p. head 1/2" dia.	795.3	Each	3181
26	3.0	Providing chambers 9" x 6" (inside di8mensions) x 24" deep for house meters with 6" thick C.C. 1:3; 6 blocks set -on 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 cast iron cover and frame 9" x 6" (inside ) clear opening (Wt-Qr) etc. fixied in cement concrete 1:2: 4 including curing excavation back filling & disposal of surplus earth etc. complete. S.I.No. 3 P.No. 20	2233.02	Each	6699
27	5.0	Construcation mainhole or inspection chmber for the required of diameter of circuler sewer and 3'-6 (1067 mm) depth with walls or B.B in cement mator 1:3 cement plaster 1:3 1/2 thick inside of walls and 1" (250mm) thick over benching channels fixing (P /P.No:46) P.H.S.R)	14748	Each	73740
28	250.0	Supplying and fixing fibre glass tank of approved quality and design and wall thickness as specified i/c cost of nuts bolts and fixing in plateform of cement concrete 1:3:6 and making connection for in-let out-let and over flow in-let out-let flow pipes	87.95	Per Gallon	21988
Total :					321400



**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents)

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur

**PROVINCIAL ADP SCHEMES**

(b). Brief Description of Works:- ADP 330-REHABILITATION,IMPROVEMENT,RENOVT:  
& PROVISION FOR MISSING FACILITIES IN EXISTING  
SECONDARY/HIGHER SECONDARY SCHOOLS OF  
DISTRICT SHIKARPUR(2016-17-PROGMM)(5 UNITS)  
1. GBHSS Madeji

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 6 000 ( Millions).

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - 15 Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_

Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees: Three Thousand only).

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt. Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**



## B.O.Q OF CIVIL WORK

NAME OF WORK: REHABILITATION OF EXISTING BUILDING FOR SECONDARY  
SCHOOLS IN R.A. AT G.B.H.S.S. MADEJI TALUKA GARHIYASIN  
DISTRICT SHIKARPUR (2016 -17 ) PROG (PROV:ADP: NO:330)

Sr.No:	QNTY:	DESCRIPTION	RATE	UNIT	AMOUNT IN Rs:
1.	16	Dismantling brick work in lime or cement mortar	@ Rs:1285.63	% Cft	206/-
2.	-	Dismantling brick or flagged flooring without concrete foundation. S.I No.30 P.No.12	@ Rs:257.13	% Sft	-
3.	3408	Dismantling cement concrete Plain (1:2:4)	@ Rs:3327.50	% Cft	113401/-
4.	32	Dismantling Cement concrete Reinforced separating reinforcement from concrete cleaning & straightening The same	@ Rs:5445.0	% Cft	1742/-
5.	-	Dismantling second class tiles roofing	@ Rs:378.13	% Sft	-
6.	03	Removing doors with chowkats	@ Rs:142.18	P.No:	427/-
7.	03	Removing windows and sky light with chowkats	@ Rs:102.85	P.No:	309/-
8.	-	Removing ventilators and wooden sun shade etc.	@ Rs:51.43	P.No.	-
9.	-	Dismantling rolled steel beams, iron Rails etc.	@ Rs:126.04	P.Cwt	-
10.	6857	Removing cement or lime plaster	@ Rs:121.00	%Sft	8297/-
11.	-	Dismantling cement concrete plain 1:3:6	@ Rs:1306.80	% Cft	-
12.	447	Excavation in foundation of building bridges and other structure I/C degbelling dressing refilling around the structure with excavated earth watering and ramming lead upto 5 ft. in ordinary soil.	@ Rs:3176.25	%0 Cft	1420/-
13.	2301 ---	Cement concrete brick or stone ballast 1- 1/2 " to 2" guage i. Cement concrete (ratio 1: 5: 10: ) ii. Cement concrete 1: 4: 8:	@ Rs:8694.95 @ Rs:9416.28	% Cft % Cft	2,00071/- ---
14.	----	Dry rammed brick or stone ballast 1/2 " thick to 2" guage	@ Rs:3327.50	% Cft	----
15.	187	Pacca brick work in foundation and plinth (cement sand mortar 1:6)	@ Rs:11948.36	% Cft	22343/-
16.	5.491 ---	Fabrication of mild steel reinforcement for cement concrete I/C cutting, banding and lying in position i/c cost of steel binding wire also i/c removal of rust from bars (a) Tor Steel (b) Mild Steel	@ Rs:5001.70 @ Rs:4820.20	P: Cwt P: Cwt	27464/- ---
17.	123	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 C:C ratio (1: 2: 4:) S.I No.6A P.No.16	@ Rs:337.00	P: Cft.	41451/-
18.	---	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5ft.	@ Rs:1512.50	%0 Cft.	---
19.	---	Filling watering ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto five ft.	@ Rs:3530/-	%0 C.ft	---
20.	---	Supplying and filling sand under floor and plugging in wells.	@ Rs:1141/25	% C.ft	---

Contd.....P/2

21.	--	Errection and removal of centering for R.C.C or plain cement concrete work of deodar wood (2nd: class)	@ Rs:7000.0	% S.ft	--
22.	470 --	Pacca brick work on ground floor with (1:6 ratio) G/F @ Rs:12674.36 F/F @ Rs:13112	% Cft % Cft	59569/- --	
23.	1459	Pacca brick work on other than building with 1:6 (ratio)	@ Rs:12346.65	% Cft	180138/-
24.	--	S/fixing iron girder at site of work	@ Rs:3850.0	P.Cwt	--
25.	--	S/Fixing iron t-iron at site of work	@ Rs:3575.0	P.Cwt	--
26.	--	Errection of rolled steel beams or iron rails etc.	@ Rs:186.34	P.Cwt	--
27.	--	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobri leeping over 1/2" thick cement plaster (1:6 cement mortar including 1:2 cement pointing under neath of tiles complete including curing etc. complete	@ Rs:7607.25	% S.ft	--
28.	--	Providing and laying single per layer of polythin sheet 0.13 mm thick for Water proofing as per specification and instruction of Engineer Incharge	@ Rs:10.70	P.Sft	--
29.	6500 9972	Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (A) 3" thick (B) 2" thick	@ Rs:4411.82 @ Rs:3275.50	% S.ft % S.ft	286768/- 326633/-
30.	--	Mud plaster on floor or roof 1" thick	@ Rs:555.0	% S.ft	----
31.	6857	Applying floating coat of cement 1/32" Thick	@ Rs: 660.0	% S.ft	45256/-
32.	10287 ----	Cement plaster (1:6) upto 20' ft: height G/F 1/2" thick F/F	@ Rs: 2206.60 @ Rs: 2308.84	% S.ft % S.ft	226794/- ----
33.	10287 --	Cement plaster 1:4 upto 20' ft; height G/F 3/8" thick. F/F.	@ Rs: 2197.52 @ Rs: 2299.77	% S.ft % S.ft	225851/- --
34.	--	Cement plaster 1:4 upto 20' ft; height 1/2" thick	@ Rs: 3015.76	% S.ft	--
35.	1750	Cement pointing and stricking of joints on Walls ratio. 1: 2	@ Rs:1287.44	% S.ft	22530/-
36.	--	Line Neru Plaster (1:2) Lime and Surkhi 1/2" thick.	@ Rs:1036.75	% S.ft	----
37.	230 9 --	First Class deodar wood wrought joinery in doors and windows etc: fixed in position i/c deodar panelled and glazed 1-3/4 thicks. (b) only shutters	@ Rs: 1273.76 @ Rs: 902.93	P.Sft P.Sft	292965/- --
38.	--	Providing and fixing deodar wood Almirah 9-12" depth i/c boxing with back shalves shutter brass fitting etc complete (without box)	@ Rs: 1748.0	P.Sft	--
39.	--	Fixing doors including chowkats	@ Rs: 279.51	Each	--
40.	--	Fixing windows including chowkats	@ Rs: 139.76	Each	--
41.	-- --	P/F G:I frames / chowkats of size 7" x 2" or 4-1/2"x3" for doors and window using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hold 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 (a) for doors (b) for windows	@ Rs: 228.90 @ Rs: 240.50	P.Rft P.Rft	-- --

42.	--	Supplying and fixing M:S round bars for barred windows	@ Rs: 3700.0	P.Cwft	--
43.	--	Cutting and fixing M:S round bars for barred windows.	@ Rs: 28.23	P.No.	--
44.	80	Making of fixing steel grated door with 1/16" thick sheeting I/C angle iron frame 2"x2"x3/8" and 3/4" square bars at 4" center to center with locking arrangements	@ Rs: 726.72	P Sft.	58138/-
45.	286	Supplying and fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including painting three coats etc complete	@ Rs: 180.50	P.Sft	51623/-
46.	126	Providing and fixing collapsible gate with channel framing of section 3/4"x5/16" at 4" I/c revitted with 3/4"x1/8" flat iron patti placed diagonally and provided with top and bottom T-section 1" x1" 1/8" alongwith rollers also I/c locking arrangement and fixing in floor/ceilling or walls etc complete	@ Rs: 387.04	P.Sft	48767/-
47.	--	P/F iron steel grill door with angle iron frame of 1-1/2"x1-1/2"x1/4" and flat iron of 3/4"x1/4" with approved design and locking arrangement embedded in masonry as per instructions of engineer incharge.	@ Rs: 231.60	P.Sft	--
48.	--	Replacing kallar eaten bricks	@ Rs: 36/63	Each	--
49.	562	Cement concrete plain I/c placing compacting, finishing and curring complete I/c screening and washing of stone aggregate without shuttering (1:2:4)	@Rs: 14429.25	% Cft.	81092/-
	--	(b) 1:3:6 ration)	@Rs: 12595.0	% Cft.	---
50.	--	Making Notice board made with Cement	@ Rs: 58.11	P.Sft	--
51.	2737	Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing and polishing of the joints. (a) 3/4" thick Flooring	@ Rs: 567 / 48	P.Sft	155193/-
52.	650	P/F 3/8" thick marble tiles of approved quality and colour shade size 8" x 4/6" x4" 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. (i) For new works.	@ Rs: 186.04	P.Sft	120926/-
53.	1460	White glazed tiles 1/4" thick jointed in white cement(1:2) over 3/4" thick cement mortar (1:2) complete	@ Rs: 28253.61	% Sft	413170/-
54.	558	Lying floor of white glazed tiles 1/4" thick jointed in white cement laid over 1/2" thick bed (1:2) ratio	@ Rs: 27678.86	% Sft	154448/-
55.	98	Providing and lying hala or pattern tiles glazed 8"x8"x4 floor or wall facing in required pattern specification jointed in white cement and pigment over a base of 1:2 grey cement motor 3/4" thick I/c washing in filling of joints with salary of white cement and pigment desired shape with finishing/ cleaning and cost of wax police etc complete I/c cutting tile to proper profile. S.I No.62 P.No.48	@ Rs: 34520.31	% Sft	33829/-
56.	--	P/F cement paving blocks flooring having size of 197 x 97 x 60 (MM) of city / Quddra/Cobble shape with natural colours having strength b/w 5000 psi to 8500 psi I/C filling the joints with hillsand laying in specified manner / pattern and design etc complete.	@ Rs: 199.77	P:Sft	---

57.	11927	White wash Three coats (b) two coats	@ Rs:829.95 @ Rs:425.84	% S.ft % S.ft	50790/-
58.	6528	Colour wash three Coats (b) Two Coats	@ Rs:859.90 @ Rs:443.27	% S.ft % S.ft	28937/-
59.	---	Primary Coat of chalk under distempering	@ Rs:442.75	% S.ft	---
60.	9181	Distempering Three coats (b) Two Coats	@ Rs:1079.65 @ Rs:1043.90	% S.ft % S.ft	85840/-
61.	1844 460	Painting doors and windows any type (a) Old Surface Two coats (b) New Surface Three coats	@ Rs: 1160.06 @ Rs: 2116.41	% S.ft % S.ft	21392/- 9735/-
62.	160	Painting guard bars, gates iron bars gratings, railing including standard braces etc and similar open work Two Coats (Old Surface) (b) Three Coats	@ Rs: 674.60 @ Rs: 1270.83	%Sft %Sft	2033/-
63.	---	Fixing water spouts or pannels	@ Rs: 211.75	Each	---
64.	---	Preparing surface and painting with mett finish i/c rubbing bathy ( silicon carbide rubbing brick ) filling the whites with zinck chalk plaster of paris mixture / applying first coat premix making the surface smooth and than painting 3 coats with matt finish of approved make etc complete new surface. S.I No.36A P.No.55 (a) Two Coat (b) Three Coat	@ Rs: 2700.17 @ Rs: 3444.38	% Sft % Sft	---
65.	---	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick / sand papar, filling the whites with chalk/ plaster of Paris and than painting with weather coat of approved make. S.I No.38A P.No.56 (a) Two Coat (b) Three Coat	@ Rs: 1858.10 @ Rs: 2567.95	% Sft %Sft.	---
66.	1098	Supplying and fixing Steel grill 3/8" sq:bars diagonally fixied Both way at 3" c.c.on @ 329/64	P:Sft:		361945/-
67.	-	3/4x3/4" x1/8" angle iron frame i/c welding etc completed as per instructions given by (R..... A )			
68.	-	-	-	-	-
69.	-	-	-	-	-
70.					
71.					
72.					
TOTAL					51,59,503/00

## PART (B) WATER SUPPLY & SANITARY

Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connetions & making good in cement 1:2:4 B.(i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4" C.I trap & C.I Thumble ( S.I.NO 1.P.NO.1)

8 Nos. 4802.60 Each Rs: 38421

Providing and fixing 4" dia C.I soil & vent pipes including Cutting and fitting and extra painting to match the colour of building ( S.I.NO 1 ,P.NO.8 )

50 Rft 333.29 Each Rs: 16665

Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/2" thick and bolts & nuts and extra painting to match the colour of the building.( S.I.NO.5.P.NO.8 )

8 Nos. 270.6 Each Rs: 2165

Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required deoth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I No:3 P No:21

(b) 4" dia Asbestos pipe 10 Rft 188.44 P.Rft: Rs: 1884

Providing G.I Pipes specials & clamps etc including fixing cutting and 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 and testing with water to a pressure head of 200 feet and handling. ( S.I.NO.1 .P.NO.12 )

(iii) 1" dia G.I Pipe 50 Rft 128.55 P.Rft: Rs: 6428

(ii) 1/2" dia G.I Pipe 75 Rft 73.21 P.Rft: Rs: 5491

(i) 3/4" dia G.I Pipe 150 Rft 95.79 P.Rft: Rs: 14369

PL UPVC pipes of "Class B" fixing in tranch i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft

(a) 3" Dia 30 Rft 90.00 P.Rft: Rs: 2700

(b) 4" Dia 25 Rft 136.00 P.Rft: Rs: 3400

PL UPVC pipes of "Class B" fixing in tranch i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft.

(a) 1" Dia 15 Rft 27.00 P.Rft: Rs: 405

(b) 3/4" Dia 25 Rft 19.00 P.Rft: Rs: 475

(c) 1/2" Dia 30 Rft 12.00 P.Rft: Rs: 360

supplying & fixing in position brass bib cock ( S.I.NO.1 P.NO.16 )

(a) 3/4" dia brass bib cock, Standard pattern. 8 Nos. 348.92 Each Rs: 2791

Providing & fixing bal valve (with unsoldered copper ball ) made to B.B S. 1212 ( S.I.NO.6 .P.NO. 18)

(a) 3/4" dia 8 Nos. 290.84 Each Rs: 2327

supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as soecified at cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet ,outlet flow pipes etc complete.( S.I.NO .3, P.NO.18 )

(a) 250 gallons thickness 3.5 mm 1 No: 21989.6 Each Rs: 21990

supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1/4"x1" section and delievery with base plate and compiling one horse power single phase motor (Siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4)

Elect: Motor 2 No: 12500 P.No Rs: 25000

Providing and Installation of Hand pump 1-1/4" C.I pipe and colr syainer with wooden shap including cost of 2 feet above ground level embdded in C.C (1:2:4 with iron handle and required same shape with acc and fixing etc complete.

(a) Filter pipe 70 120 Rft: Rs: 2400

(b) G.I pipe 100 110 Rft: Rs: 11000



Providing and fixing 22"x16" lavatory basin in white glazed earthen ware complete with & i/c the cost of M.I or C.I cantilever brackets 6 inch built into wall. Painted white in two coats after a primary coat of red lead paint a pair of 1/2 dia chrome plated pillar traps 1-1/2" dia rubber plug chrome brass waste of approved pattern 1-1/4" dia malleable iron cp union making and traps, malleable iron or brass requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 standard pattern ) S.I No:13 P.No:3

4 Nos. 4694.80 Each Rs: 18779

Add extra for labour for providing & fixing of earth ware pedestal white or coloured glazed standard pattern) S.I No:9 P.No:3

4 Nos. 938.47 Each Rs: 3754

Applying & fixing swan type pillar cock of superior quality single c.p head 1/2" dia S.I No:18 P.No:16

4 Nos. 795.30 Each Rs: 3181

Supplying & fixing bath room accessories (7 pieces) i/c towel rod, brush holder, soap tray, shelf of approved quality and design etc complete S.I No:24 P.No:16

4 Nos. 8122.40 Each Rs: 32490

Construction manhole or inspection chamber for the required dia of circular sewer and 3"x6" (1067mm) dept with walls of B.B in cement mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2"x1-1/2" (457x457mm of 1.75Cwt. (58.9 kg.) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S steps 6" (150mm) wide projecting 4" (102mm) from the face of wall at 12"(305mm) C/C duly painted etc complete as per specification and drawing No.D/I of Public Health Circule Southern zone S.I No:1 P.No:39

5 Nos. 14748.00 Each Rs: 73740

Providing R.C.C.pipe with collars class"B" and digging the trench to required depth and fixing in position including cutting fitting and joining with maxphalt 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 stuff. S.I.NO.2 P.NO.21 )

c) 6" dia R.C.C pipe class "B"

200 Rft 199.25 Rft: Rs: 39850

Providing & fixing 4" dia C.I Terminal guard including extra painting to match the colour of the building S.I No:10 P.No:9

4 Nos. 389.70 Each Rs: 1559

Providing & fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connections S.I No:23 P.No:6

4 Nos. 447.15 Each Rs: 1789

Providing & fixing 15"x12" beveled edge mirror of belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden plate S.I No:3 P.No:7

a) standard pattern

4 Nos. 1161.60 Each Rs: 4646

TOTAL RS: 34055

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEMES**

(b). Brief Description of Works:- ADP 330-REHABILITATION,IMPROVEMENT,RENOVT:  
& PROVISION FOR MISSING FACILITIES IN EXISTING  
SECONDARY/HIGHER SECONDARY SCHOOLS OF  
DISTRICT SHIKARPUR(2016-17-PROGMM)(5 UNITS)  
2 GBHS Mirzapur

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 7.800 ( Millions).

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - 15 Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_

Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees: Three Thousand only).

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt. Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**



## B.O.Q OF CIVIL WORK

NAME OF WORK: REHABILITATION OF EXISTING BUILDING AT G.B.H.S.MIRZAPUR

TALUKA GARHI YASIN DISTRICT SHIKARPUR( 2016 - 17)PROG:

(Prov:A.D.P.NO:330)

Sr.No:	QNTY:	DESCRIPTION	RATE	UNIT	AMOUNT IN Rs:
1.	8749	Dismantling brick work in lime or cement mortar	@ Rs:1285.63	% Cft	112480/-
2.	-	Dismantling brick or flagged flooring without concrete foundation. S.I No.30 P.No.12	@ Rs:257.13	% Sft	-
3.	1058	Dismantling cement concrete Plain (1:2:4)	@ Rs:3327.50	% Cft	35205/-
4.	3112	Dismantling Cement concrete Reinforced separating reinforcement from concrete cleaning & straightening The same	@ Rs:5445.0	% Cft	169448/-
5.	-	Dismantling second class tiles roofing	@ Rs:378.13	% Sft	-
6.	-	Removing doors with chowkats	@ Rs:142.18	P.No:	-
7.	-	Removing windows and sky light with chowkats	@ Rs:102.85	P.No:	-
8.	-	Removing ventilators and wooden sun shade etc.	@ Rs:51.43	P.No.	-
9.	-	Dismantling rolled steel beams, iron Rails etc.	@ Rs:126.04	P.Cwt	-
10.	-	Removing cement or lime plaster	@ Rs:121.00	%Sft	-
11.	-	Dismantling cement concrete plain 1:3:6	@ Rs:1306.80	% Cft	-
12.	73	Excavation in foundation of building bridges and other structure i/c degbelling dressing refilling around the structure with excavated earth watering and ramming lead upto 5 ft. in ordinary soil.	@ Rs:3176.25	%0 Cft	232/-
13.	1488	Cement concrete brick or stone ballast 1- 1/2 " to 2" guage i. Cement concrete (ratio 1: 5: 10: ) ii. Cement concrete 1: 4: 8:	@ Rs:8694.95 @ Rs:9416.28	% Cft % Cft	129381/- -
14.	-	Dry rammed brick or stone ballast 1/2 " thick to 2" guage	@ Rs:3327.50	% Cft	-
15.	2443	Pacca brick work in foundation and plinth (cement sand mortar 1:6)	@ Rs:11948.36	% Cft	291898/-
16.	221.428	Fabrication of mild steel reinforcement for cement concrete i/c cutting, banding and lying in position i/c cost of steel binding wire also i/c removal of rust from bars (a) Tor Steel (b) Mild Steel	@ Rs:5001.70 @ Rs:4820.20	P: Cwt P: Cwt	1107516/- -
17.	4960	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 C:C ratio (1: 2: 4:) S.I No.6A P.No.16	@ Rs:337.00	P: Cft.	1671520/-
18.	-	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5ft.	@ Rs:1512.50	%0 Cft.	-
19.	7372	Filling watering ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto five ft.	@ Rs:3630/-	%0 C.ft	26760/-
20.	2206	Supplying and filling sand under floor and plugging in wells.	@ Rs:1141/25	% C.ft	25176/-

Contd.....P/2

21.	-	Errection and removal of centering for R.C.C or plain cement concrete work of deodar wood (2nd: class)	@ Rs:7000.0	% S.ft	-
22.	8749	Pacca brick work on ground floor with (1:6 ratio)	G/F @ Rs:12674.36 F/F @ Rs:13112	% Cft % Cft	1108880/-
23.	-	Pacca brick work on other than building with 1:6 (ratio)	@ Rs:12346.65	% Cft	-
24.	-	S/fixing iron girder at site of work	@ Rs:3850.0	P.Cwt	-
25.	-	S/Fixing iron t-iron at site of work	@ Rs:3575.0	P.Cwt	-
26.	-	Errection of rolled steel beams or iron rails etc.	@ Rs:186.34	P.Cwt	-
27.	-	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobri leaping over 1/2" thick cement plaster (1:6 cement mortar including 1:2 cement pointing under neath of tiles complete including curing etc. complete	@ Rs:7607.25	% S.ft	-
28.	6255	Providing and laying single per layer of polythin sheet 0.13 mm thick for Water proofing as per specification and instruction of Engineer Incharge	@ Rs:10.70	P.Sft	66929/-
29.	4495 6255	Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (A) 3" thick (B) 2" thick	@ Rs:4411.82 @ Rs:3275.50	% S.ft % S.ft	198311/- 204883/-
30.	-	Mud plaster on floor or roof 1" thick	@ Rs:555.0	% S.ft	-
31.	-	Applying floating coat of cement 1/32" Thick	@ Rs: 660.0	% S.ft	-
32.	13920	Cement plaster (1:6) upto 20' ft: height G/F 1/2" thick F/F	@ Rs: 2206.60 @ Rs: 2308.84	% S.ft % S.ft	307159/- -
33.	13664	Cement plaster 1:4 upto 20' ft; height G/F 3/8" thick. F/F.	@ Rs: 2197.52 @ Rs: 2299.77	% S.ft % S.ft	300269/- -
34.	-	Cement plaster 1:4 upto 20' ft; height 1/2" thick	@ Rs: 3015.76	% S.ft	-
35.	3407	Cement pointing and stricking of joints on Walls ratio. 1: 2	@ Rs:1287.44	% S.ft	43863/-
36.	-	Line Neru Plaster (1:2) Lime and Surkhi 1/2" thick.	@ Rs:1036.75	% S.ft	-
37.	665	First Class deodar wood wrought joinery in doors and windows etc: fixed in position i/c deodar panelled and glazed 1-3/4 thicks. (b) only shutters	@ Rs: 1273.76 @ Rs: 902.93	P.Sft P.Sft	847050/- -
38.	158	Providing and fixing deodar wood Almirah 9-12" depth i/c boxing with back shalves shutter brass fitting etc complete (without box)	@ Rs: 1748.0	P.Sft	276184/-
39.	-	Fixing doors including chowkats	@ Rs: 279.51	Each	-
40.	-	Fixing windows including chowkats	@ Rs: 139.76	Each	-
41.	-	P/F G:I frames / chowkats of size 7" x 2" or 4-1/2"x3" for doors and window using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hold 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 (a) for doors (b) for windows	@ Rs: 228.90 @ Rs: 240.50	P.Rft P.Rft	- -

42.	-	Supplying and fixing M:S round bars for barred windows	@ Rs: 3700.0	P.Cwft	-
43.	-	Cutting and fixing M:S round bars for barred windows.	@ Rs: 28.23	P.No.	-
44.	-	Making of fixing steel grated door with 1/16" thick sheeting I/C angle iron frame 2"x2"x3/8" and 3/4" square bars at 4" center to center with locking arrangements	@ Rs: 726.72	P Sft.	-
45.	-	Supplying and fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including painting three coats etc complete	@ Rs: 180.50	P.Sft	-
46.	-	Providing and fixing collapsible gate with channel framing of section 3/4"x5/16" at 4" i/c revitted with 3/4"x1/8" flat iron patti placed diagonally and provided with top and bottom T-section 1" x1" 1/8" alongwith rollers also i/c locking arrangement and fixing in floor/ceilling or walls etc complete	@ Rs: 387.04	P.Sft	-
47.	-	P/F iron steel grill door with angle iron frame of 1-1/2"x1-1/2"x1/4" and flat iron of 3"x4"x1/4" with approved design and locking arrangement embedded in masonry as per instructions of engineer incharge.	@ Rs: 231.60	P.Sft	-
48.	-	Replacing kallar eaten bricks	@ Rs: 36 / 63	Each	-
49.	21	Cement concrete plain i/c placing compacting, finishing and curring complete i/c screening and washing of stone aggregate without shuttering (1:2:4)	@Rs: 14429.25	% Cft.	30 30/-
	-	(b) 1:3:6 ration)	@Rs: 12595.0	% Cft.	-
50.	256	Making Notice board made with Cement	@ Rs: 58.11	P.Sft	14876/-
51.	-	Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing and polishing of the joints. (a) 3/4" thick Flooring	@ Rs: 567/48	P.Sft	-
52.	-	P/F 3/8" thick marble tiles of approved quality and colour shade size 8" x 4/6" x4" 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. (i) For new works.	@ Rs: 186.04	P.Sft	-
53.	44	White glazed tiles 1/4" thick jointed in white cement(1:2) over 3/4" thick cement mortar (1:2) complete	@ Rs: 28253.61	% Sft	12432/-
54.	121	Lying floor of white glazed tiles 1/4" thick jointed in white cement laid over 3/4" thick bed (1:2) ratio	@ Rs: 27678.86	% Sft	33491/-
55.	-	Providing and lying hala or pattern tiles glazed 8"x8"x4 floor or wall facing in required pattern specification jointed in white cement and pigment over a base of 1:2 grey cement motor 3/4" thick i/c washing in filling of joints with salary of white cement and pigment desired shape with finishing/ cleaning and cost of wax police etc complete i/c cutting tile to proper profile. S.I No.62 P.No.48	@ Rs: 34520.31	% Sft	-
56.	-	P/F cement paving blocks flooring having size of 197 x 97 x 60 (MM) of city / Qudra/Cobble shape with natural colours having strength b/w 5000 psi to 8500 psi i/c filling the joints with hillsand laying in specified manner / pattern and design etc complete.	@ Rs: 199.77	P:Sft	-

57.	660	S/F Steel/Iron Grill of 3/8" Sq: bars Diagonally fixed both way at 3" C.C on 3/4" x 3/4"x1/8" etc complete as per instructions given by Engineer Incharge (R..A).	@ Rs:194/36	P.Sft	128278/-
58.	5070	White wash Three coats (b) two coats	@ Rs:829.95 @ Rs:425.84	% S.ft % S.ft	42079/- -
59.		Colour wash three Coats (b) Two Coats	@ Rs:859.90 @ Rs:443.27	% S.ft % S.ft	
60.	13664	Primary Coat of chalk under distempering	@ Rs:442.75	% S.ft	60497/-
61.	13664	Distempering Three coats (b) Two Coats	@ Rs:1079.65 @ Rs:1043.90	% S.ft % S.ft	147523/- -
62.	1362	Painting doors and windows any type (a) Old Surface Two coats (b) New Surface Three coats	@ Rs: 1160.06 @ Rs: 2116.41	% S.ft % S.ft	- 28826/-
63.	-	Painting guard bars, gates iron bars gratings, railing including standard braces etc and similar open work Two Coats (Old Surface) (b) Three Coats	@ Rs: 674.60 @ Rs: 1270.83	%Sft %Sft	- -
64.	-	Fixing water spouts or pargals	@ Rs: 211.75	Each	-
65.	-	Preparing surface and painting with mett finish i/c rubbing bathy (silicon carbide rubbing brick) filling the whites with zinck chalk plaster of paris mixture / applying first coat premix making the surface smooth and than painting 3 coats with matt finish of approved make etc complete new surface. S.I No.36A P.No.55 (a) Two Coat (b) Three Coat	@ Rs: 2700.17 @ Rs: 3444.38	% Sft % Sft	- -
66.	3407	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick / sand papar, filling the whites with chalk/ plaster of Paris and than painting with weather coat of approved make. S.I No.38A P.No.56 (a) Two Coat (b) Three Coat	@ Rs:1948/10 @ Rs: 2567.95	% Sft %Sft	66372/- -
67.	-	Providing and fixing ornamental C.C.Jalli "2"thick(1.2.4)ratio Without steel(S.I.11 P:18 )	@ 226/02	P:Sft:	-
68.	9578	Extra lead of (03) miles	@ 579/41	%Cft:	55496/-
69.	6255	Two coats of bitumen laid hot using 34lbs"for %sft over roof and blinded sand one cft:	@ 1887/40	%sft	118057/-
70.	-	-	-	-	-
71.	-	-	-	-	-
TOTAL					71,01155/00

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEMES**

(b). Brief Description of Works:- ADP 330-REHABILITATION,IMPROVEMENT,RENOVT:  
& PROVISION FOR MISSING FACILITIES IN EXISTING  
SECONDARY/HIGHER SECONDARY SCHOOLS OF  
DISTRICT SHIKARPUR(2016-17-PROGMM)(5 UNITS)  
3. GBHS Lakhi

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 4.200 ( Millions).

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - 15 Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_

Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees: Three Thousand only).

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt. Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**



# B.O.Q OF CIVIL WORK

NAME OF WORK: **REHABILITATION OF EXISTING BUILDING ATG:B:H:S: LAKHI**  
**TALUKA LAKHI DISTRICT SHIKARPUR. (ADP: NO: 330**

Sr.No:	QNTY:	DESCRIPTION	RATE	UNIT	AMOUNT IN Rs:
1.	1227	Dismantling brick work in lime or cement mortar	@ Rs:1285.63	% Cft	15775/-
2.	-	Dismantling brick or flagged flooring without concrete foundation. S.I No.30 P.No.12	@ Rs:257.13	% Sft	-
3.	606	Dismantling cement concrete Plain (1:2:4)	@ Rs:3327.50	% Cft	20165/-
4.	1611	Dismantling Cement concrete Reinforced separating reinforcement from concrete cleaning & straightening The same	@ Rs:5445.0	% Cft	87719/-
5.	-	Dismantling second class tiles roofing	@ Rs:378.13	% Sft	-
6.	-	Removing doors with chowkats	@ Rs:142.18	P.No:	-
7.	-	Removing windows and sky light with chowkats	@ Rs:102.85	P.No:	-
8.	-	Removing ventilators and wooden sun shade etc.	@ Rs:51.43	P.No.	-
9.	-	Dismantling rolled steel beams, iron Rails etc.	@ Rs:126.04	P.Cwt	-
10.	6228	Removing cement or lime plaster	@ Rs:121.00	%Sft	7536/-
11.	394	Dismantling cement concrete plain 1:3:6	@ Rs:1306.80	% Cft	5149/-
12.	388	Excavation in foundation of building bridges and other structure i/c degbelling dressing refilling around the structure with excavated earth watering and ramming lead upto 5 ft. in ordinary soil.	@ Rs:3176.25	%0 Cft	1232/-
13.	163	Cement concrete brick or stone ballast 1- 1/2 " to 2" gauge i. Cement concrete (ratio 1: 5: 10: ) ii. Cement concrete 1: 4: 8:	@ Rs:8694.95 @ Rs:9416.28	% Cft % Cft	14173/- -
14.	-	Dry rammed brick or stone ballast 1/2 " thick to 2" gauge	@ Rs:3327.50	% Cft	-
15.	1101	Pacca brick work in foundation and plinth (cement sand mortar 1:6)	@ Rs:11948.36	% Cft	131551/-
16.	119.509	Fabrication of mild steel reinforcement for cement concrete i/c cutting, banding and lying in position i/c cost of steel binding wire also i/c removal of rust from bars (a) Tor Steel (b) Mild Steel	@ Rs:5001.70 @ Rs:4820.20	P: Cwt P: Cwt	597748/-
17.	2677.0	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 C:C ratio (1: 2: 4:) S.I No.6A P.No.16	@ Rs:337.00	P: Cft.	902149/-
18.	-	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5ft.	@ Rs:1512.50	%0 Cft.	-
19.	-	Filling watering ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto five ft.	@ Rs:3630.0	%0 C.ft	-
20.	-	Filling sand under floor and plugging in wells.	@ Rs:1141.25	% C.ft	-

Contd.....P/2

21.	-	Errrection and removal of centering for R.C.C or plain cement concrete work of deodar wood (2nd: class)	@ Rs:7000.0	% S.ft	-
22.	528	Pacca brick work on ground floor with (1:6 ratio)	@ Rs:12674.36	% Cft	66921/-
	-	G/F	@ Rs:13112	% Cft	-
	-	F/F			-
23.	1413	Pacca brick work on other than building with 1:6 (ratio)	@ Rs:12346.65	% Cft	174458/-
24.	-	S/fixing iron girder at site of work	@ Rs:3850.0	P.Cwt	-
25.	-	S/Fixing iron t-iron at site of work	@ Rs:3575.0	P.Cwt	-
26.	-	Errrection of rolled steel beams or iron rails etc.	@ Rs:186.34	P.Cwt	-
27.	-	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobri leaping over 1/2" thick cement plaster (1:6 cement mortar including 1:2 cement pointing under neath of tiles complete including curing etc. complete	@ Rs:7607.25	% S.ft	-
28.	-	Providing and laying single per layer of polythin sheet 0.13 mm thick for Water proofing as per specification and instruction of Engineer Incharge	@ Rs:10.70	P.Sft	-
29.	2425	Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels	@ Rs:4411.82	% S.ft	106987/-
	3308	(A) 3" thick	@ Rs:3275.50	% S.ft	108354/-
		(B) 2" thick			-
30.	-	Mud plaster on floor or roof 1" thick	@ Rs:555.0	% S.ft	-
31.	6750	Applying floating coat of cement 1/32" Thick	@ Rs: 660.0	% S.ft	44550/-
32.	140 14	Cement plaster (1:6) upto 20' ft: height G/F 1/2" thick	@ Rs: 2206.60	% S.ft	309233/-
	-	F/F	@ Rs: 2308.84	% S.ft	-
33.	140 14	Cement plaster 1:4 upto 20' ft; height G/F 3/8" thick.	@ Rs: 2197.52	% S.ft	307960/-
	-	F/F.	@ Rs: 2299.77	% S.ft	-
34.	522	Cement plaster 1:4 upto 20' ft; height 1/2" thick	@ Rs: 3015.76	% S.ft	15742/-
35.	143	Cement pointing and striking of joints on Walls ratio. 1: 2	@ Rs:1287.44	% S.ft	1841/-
36.	-	Line Neru Plaster (1:2) Lime and Surkhi 1/2" thick.	@ Rs:1036.75	% S.ft	-
37.	103.0	First Class deodar wood wrought joinery in doors and windows etc: fixed in position i/c deodar panelled and glazed 1-3/4 thick.	@ Rs: 1273.76	P.Sft	131197/-
	38.0	(b) only shutters	@ Rs: 902.93	P.Sft	34311/-
38.	-	Providing and fixing deodar wood Almirah 9-12" depth i/c boxing with back shalves shutter brass fitting etc complete (without box)	@ Rs: 1748.0	P.Sft	-
39.	-	Fixing doors including chowkats	@ Rs: 279.51	Each	-
40.	-	Fixing windows including chowkats	@ Rs: 139.76	Each	-
41.	-	P/F G:I frames / chowkats of size 7" x 2" or 4-1/2"x3" for doors and window using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hold 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	@ Rs: 228.90	P.Rft	-
	-	(a) for doors	@ Rs: 240.50	P.Rft	-
	-	(b) for windows			-

Contd.....P/3



42.	-	Supplying and fixing M:S round bars for barred windows	@ Rs: 3700.0	P.Cwft	-
43.	-	Cutting and fixing M:S round bars for barred windows.	@ Rs: 28.23	P.No.	-
44.	96.0	Making of fixing steel grated door with 1/16" thick sheeting I/C angle iron frame 2"x2"x3/8" and 3/4" square bars at 4" center to center with locking arrangements	@ Rs: 726.72	P Sft.	69765/-
45.	-	Supplying and fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including painting three coats etc complete	@ Rs: 180.50	P.Sft	-
46.	-	Providing and fixing collapsible gate with channel framing of section 3/4"x5/16" at 4" i/c revitted with 3/4"x1/8" flat iron patti placed diagonally and provided with top and bottom T-section 1" x1" 1/8" alongwith rollers also i/c locking arrangement and fixing in floor/ceilling or walls etc complete	@ Rs: 387.04	P.Sft	-
47.	-	P/F iron steel grill door with angle iron frame of 1-1/2"x1-1/2"x1/4" and flat iron of 3"x1/4" with approved design and locking arrangement embedded in masonry as per instructions of engineer incharge.	@ Rs: 231.60	P.Sft	-
48.	-	Replacing kallar eaten bricks	@ Rs: 36.30	Each	-
49.	20	Cement concrete plain i/c placing compacting, finishing and curring complete i/c screening and washing of stone aggregate without shuttering (1:2:4)	@Rs: 14429.25	% Cft.	2886/-
	-	(b) 1:3:6 ration)	@Rs: 12595.0	% Cft.	-
50.	128	Making Notice board made with Cement	@ Rs: 58.11	P.Sft	7438/-
51.	-	Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing and polishing of the joints. (a) 3/4" thick Flooring	@ Rs: 567.48	P.Sft	-
52.	-	P/F 3/8" thick marble tiles of approved quality and colour shade size 8" x 4/6" x4" 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. (i) For new works.	@ Rs: 186.04	P.Sft	-
53.	350	White glazed tiles 1/4" thick jointed in white cement(1:2) over 3/4" thick cement mortar (1:2) complete	@ Rs: 28253.61	% Sft	98888/-
54.	120	Lying floor of white glazed tiles 1/4" thick jointed in white cement laid over 3/4" thick bed (1:2) ratio	@ Rs: 27678.86	,% Sft	33215/-
55.	-	Providing and lying hala or pattern tiles glazed 8"x8"x4 floor or wall facing in required pattern specification jointed in white cement and pigment over a base of 1:2 grey cement motor 3/4" thick i/c washing in filling of joints with salary of white cement and pigment desired shape with finishing/ cleaning and cost of wax police etc complete i/c cutting tile to proper profile. S.I No.62 P.No.48	@ Rs: 34520.31	% Sft	-
56.	-	P/F cement paving blocks flooring having size of 197 x 97 x 60 (MM) of city / Quddra/Cobble shape with natural colours having strength b/w 5000 psi to 8500 psi I/C filling the joints with hillsand laying in specified manner / pattern and design etc complete.	@ Rs: 199.77	P:Sft	-

Contd.....P/4

57.	-	S/F Steel/Iron Grill of 3/8" Sq: bars Diagonally fixed both way at 3" C.C on 3/4" x 3/4"x1/8" etc complete as per instructions given by Engineer Incharge (R..A).	@ Rs:329.64	P.Sft	-
58.	2602	White wash Three coats (b) two coats	@ Rs:829.95 @ Rs:425.84	% S.ft % S.ft	21595/- -
59.	1500	Colour wash three Coats (b) Two Coats	@ Rs:859.90 @ Rs:443.27	% S.ft % S.ft	12899/- -
60.	8064	Primary Coat of chalk under distempering	@ Rs:442.75	% S.ft	3570 3/-
61.	8064	Distempering Three coats (b) Two Coats	@ Rs:1079.65 @ Rs:1043.90	% S.ft % S.ft	8706 3/- -
62.	674 282	Painting doors and windows any type (a) Old Surface Two-coats (b) New Surface Three coats	@ Rs: 1160.06 @ Rs: 2116.41	% S.ft % S.ft	78 19/- 5968/-
63.	418 192	Painting guard bars, gates iron bars gratings, railing including standard braces etc and similar open work Two Coats (Old Surface) (b) Three Coats	@ Rs: 674.60 @ Rs: 1270.83	%Sft %Sft	28 20/- 2440/-
64.	-	Fixing water spouts or pannels	Rs: 211.75	Each	-
65.	-	Preparing surface and painting with mett finish i/c rubbing bathy (silicon carbide rubbing brick) filling the whites with zinck chalk plaster of paris mixture / applying first coat premix making the surface smooth and than painting 3 coats with matt finish of approved make etc complete new surface. S.I No.36A P.No.55 (a) Two Coat (b) Three Coat	@ Rs: 2700.17 @ Rs: 3444.38	% Sft % Sft	- -
66.	- 5600	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick / sand papar, filling the whites with chalk/ plaster of Paris and than painting with weather coat of approved make. S.I No.38A P.No.56 (a) Two Coat (b) Three Coat	@ Rs: 1858.10 @ Rs: 2567.95	% Sft %Sft	- 14 3805/-
67.	-	Extra Lead One Mile.	@Rs:407.00	%Cft:	-
68.	-	P/L floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without wining set in white			
69.	-	laid over 3/4" thick bed of (1:2) grey cement slurry and jointing, washing the tiles with slurry of white cement and pigment to match the colour of tiles i/c cutting grinding, rubbing, chemical polishing etc complete. (R.....A).	@Rs:- 370.00	P: Sft:	Rs:- 30 39 3/-
70.	99.0				
71.					
TOTAL					3647,448/-

**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	05	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connections & making good in cement 1:2:4 B. (i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4 C.I trape & C.I Thumble. (S.I.NO 1.P.NO.1)	4802.60	Each	240 13/-
2	-	Providing and fixing 4" dia C.I soil & vent pipes including Cutting and fitting and extra painting to match the colour of building. (S.I.NO.1 P.NO.8)	333.29	Each	-
3	05	Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/8" thick and bolts & nuts and extra painting to match the colour of the building. (S.I.NO.5.P.NO.8)	270.60	Each	135 3/-
4	-	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required depth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I.No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft:	-
5	-	Providing G.I Pipes specials & clamps etc including fixing cutting and 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 zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet, and handling. (S.I.NO.1 P.NO.12)			
	-	(iii) 1" dia G.I Pipe	128.55	Rft:	-
	-	(i) 1/2" dia G.I Pipe	73.21	Rft:	-
	-	(ii) 3/4" dia G.I Pipe	95.79	Rft:	-
6	-	P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft.			
	-	(a) 3" Dia	90.00	P.Rft	-
	18	(b) 4" Dia	136.00	P.Rft	2448/-
7	-	P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft.			
	20	(a) 1" Dia	27.00	P.Rft	540/-
	100	(b) 3/4" Dia	19.00	P.Rft	1900/-
	50	(c) 1/2" Dia	12.00	P.Rft	600/-
8	05	Supplying & fixing in position brass bib cock b. 3/4" dia brass b. cock. Standard pattern (S.I.NO.1 P.NO.16)	348.92	Each	1745/-
9	05	Providing & fixing bal valve (with unsoldered copper ball) made to B.B.S. 1212 (S.I.NO.6 P.NO.18) (ii) 3/4" dia	290.84	Each	1454/-
10	01	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as specified i/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet, outlet flow pipes etc complete (S.I.NO.3 P.NO.18) (a) 250 Gallon thickness 3.5 mm	21989.6	Each	21990/-
11	01	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delivery with base plate and compiling one horse power single phase motor (siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4) Elect. Motor	12500	P.No	12500/-
12	-	Providing and Installation of Hand pump 1-1/4" G.I pipe and colr syainer with wooden shap including cost of 4" feet above ground level embded in C.C (1:2:4) with iron handle and required same shape with acc and fixing etc complete.			
	10	(a) Filter pipe	120	Rft:	1200/-
	50	(b) G.I pipe	110	Rft:	5500/-
	01	(c) H.P Machine	2500	P.NO	2500/-

13	01	Providing and fixing 22"x16" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inch built into wall. Painted while in two coats after a primary coat of red lead paint a pair of 1/2 dia chrome plated pillar traps 1-1/2" dia rubber plug chrome brass waste of approved pattern 1-1/4" dia malleable iron cp union making and traps, malleable iron or brass requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (standard pattern) S.I No:13 P.No:3	4694.8	Each	4695/-
14	01	Add extra for labour for providing & fixing of earth ware pedestal white or coloured glazed (standard pattern) S.I No:9 P.No:3	938.47	Each	938/-
15	01	Supplying & fixing swan type pillar cock of superior quality single c.p head 1/2" dia S.I No:18 P.No:16	795.30	Each	795/-
16	-	Supplying & fixing bath room accessories (7 pieces) i/c towel rod, brush holder, soap tray, shelf of approved quality and design etc complete S.I No:24 P.No:16	8122.4	Each	-
17	-	Construction manhole or inspection chamber for the required dia of circular sewer and 3"x6" (1067mm) dept with walls of B.B in cement mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2"x1-1/2" (457x457mm of 1.75Cwt. (88.9 kg.) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S steps 6" (150mm) wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc complete as per specification and drawing No.D/I of Public Health Circle Southern zone S.I No:1 P.No:39	14748	Each	-
18	-	Providing R.C.C pipe with collars class "B" and digging the trench to required depth and fixing in position including cutting fitting and joining with maxphalt 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 stuff. (S.I. NO. 2 P.NO.21) (c) 6" dia R.C.C pipe class "B"	199.25	Rft.	-
19	-	Providing & fixing 4" dia C.I Terminal guard including extra painting to match the colour of the building S.I No:10 P.No:9	389.70	Each	-
20	01	Providing & fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connections S.I No:23 P.No:6	447.15	Each	447/-
21	-	Providing & fixing 15"x12" beveled edge mirror of belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden plate S.I No:3 P.No:7 a) standard pattern	1161.6	Each	-
TOTAL RS:					84,618/-

Amount Total (CSR)

Part "A" % Above / Below \_\_\_\_\_

Part "B" % Above / Below \_\_\_\_\_

CONTRACTOR

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
SHIKARPUR

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). **Name of Procuring Agency:-** Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEMES**

(b). **Brief Description of Works:-** ADP:330-REHABILITATION,IMPROVEMENT,RENOVT:  
& PROVISION FOR MISSING FACILITIES IN EXISTING  
SECONDARY/HIGHER SECONDARY SCHOOLS OF  
DISTRICT SHIKARPUR(2016-17-PROGMM)(5 UNITS)  
4. GGHS Siddique Mari

(c). **Procuring Agency's address:-** Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). **Estimated Cost:-** 5 800 ( Millions).

(e). **Amount of Bid Security:-** 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f). **Period of Bid Validity (days):-** 60 Days (Not more than sixty days).

(g). **Security Deposit:-(including bid security):-** 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). **Percentage, if any, to be deducted from bills:-** 7.50% Income tax

(i). **Deadline for Submission of Bids along with time :-** As Per NIT

(j). **Venue, Time, and Date of Bid Opening:-** Near GBHS II (Shikarpur As Per NIT).

(k). **Time for Completion from written order of commence: -** 15 Months

(L). **Liquidity damages:-** -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). **Deposit Receipt No:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Amount:Rs:** \_\_\_\_\_  
**Bank** \_\_\_\_\_

(n). **D.R.NO:** \_\_\_\_\_ **DATED:** \_\_\_\_\_ **Amount 3000/-**-(Rupees: Three Thousand only).

(o). **Tender issued to Mr. / M/s** \_\_\_\_\_ **Govt. Contractor.**

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**



**BOQ-1 (i)**

**NAME OF WORK:- REHABILITATION EXISTING BUILDING @GGHS SIDDIQUE  
MARI TALUKA SHIKARPUR**

S.NO:	DESCRIPTION	QNTY	RATE	UNIT	AMOUNT
<b>A PART-A (CIVIL WORK)</b>					
1	Dismantling Cement Concrete Plain 1:2:4 (S.I.No:19@-P/10)	845	3327.5	%Sft	28,117
2	Dismantling Reinforcement for cement concrete sperating reinforcement from concrete cleaning (S.I.No:20-P/10)	1540	5445.00	%Sft	83,853
3	Dismantling brick work in lime or cement mortor (S.I.No:13-P/10)	3024	1285.63	%Sft	38,877
	Dismantling 2nd class tiles roofing. (S.I.No:22(b)-P/11)	42	378.13	%Sft	159
	Dismantling rolled steel beam (S I No:41 P No:13)	147	126.04	P Cwt	18,528
4	Removing Cement or lime plaster (S.I.No:53-P/13)	2682	121.00	%Sft	3,245
	Removing door with chowkhat	4	142.18	P.No:	569
	Removing window with chowkhat	3	102.85	P.No:	309
	Scraping (b) Ordinary distemper oil bound or paint on wall (S I No:54 b P No:13)	7440	226.88	%sft	16,880
5	Excavation in foundation of building bridges & other structure with excavated lead upto one chain and lift upto 5'feet. In ordinary Soil. (S.I.No:18(b)-P/14)	196	3176.25	%0cft	6,225
	Cement Concrete brick or stone ballast 1 1/2" to 2" guage Ratio 1:5:10. (S.I.No:4@-P/21)	886	8694.95	%.Cft	77,037
6	Pacca brick work in Foundation and plinth in cement sand mortor 1:6 (S.I.No:4-P/20)	614	11948.36	%Sft	73,363
8	Reinforcement for cement concrete including labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid seperately. This reate also includes all kind of forms moulds lifting shuttering curring etc compl	3514	337	P.Cft	1,184,218
9	Fabrication of Tar steel reinforcement for cement concrete including cutting bending and laying in position making joints and fastening including the cost of binding wire also includes removal of rust from bars. (S.I.No:8(b)-P/16)	188.25	5001.7	P.Cwt	941,570
	Earth filling from excavation	131	1512.5	%0cft	198
	Earth filling from out side	993	3630	%0cft	3,605
	Add extra lead two mile	993	502.2	%cft	4,987
10	Pacca brick work in Ground floor and plugging into walls (S.I.No:5@-P/20)	823	12674.36	%.Cft	104,310
B	F.Floor	133	13112.00	%.Cft	17,439
11	Supplying & Fixing Girder at site of work	0	3850.00	P.Cwt	0
12	Supplying&fixing T-Iron at site of work	0.00	3575.00	P.Cwt	0
13	Errection of rolled beam	0	186.34	P.Cwt	0
14	Second Class Tiles Roofing consisting of 4" earth and 1"mud plaster with gobri leeping over 1/2" thick cement plaster 1:6 with 34 Lbs of hot bitumen coating sand blinded provided over 2 layer of tiles 12"x6"x11/4" laid in 1:6 cement mortar with 1/2" thick sand wiched layer of 1:2 cement pointing underside of tiles complete including curing etc. (S.I.No:1-P/32)	0	4820.82	%sft	0

15	1"Thick mud plaster	0	555.00	%sft	0
16	Applying floating coat	2682	660.00	%.Cft	17,701
17	Pacca brick work other than building i/c striking of joints on Wall Ratio 1:6 (S.I.No:7-P/21)	1206	12346.65	%.Cft	148,901
18	Cement Plaster 1:6 upto 20' height Ratio 1/2" thick (S.I.No:13(b)-P/51)	9009	2206.6	%.Sft	198,793
B	F.Floor	997	2308.84	%.Sft	23,019
19	Cement Plaster 1:4 upto 20' height Ratio 3/8" thick (S.I.No:13(b)-P/51)	9009	2197.52	%.Sft	197,975
B	F.Floor	997	2299.77	%.Sft	22,929
	Cement Concrete Plain compacting finishing curing etc and washing aggregate without shuttering (S.I.No:5-P/15)	39	14429.25	%.Sft	5,627
20	Making Notice board made with cement. (S.I.No:1-P/89)	115	58.11	P.Sft	6,683
21	First class deodar wood wrought joinery in doors & windows etc complete fixed in position including chowkats holds fastes hinges (S.I.No:7-P/57)	76	1273.76	P.Sft	96,806
22	S/F M S bars for window	0	3700	P.Cwt	0
23	Cutting &fixing M S bars	0	28.23	P.No:	0
24	P/F deodar almirah 9-12" depth	47	1748	P.Sft	82,156
25	P/L Cement Concrete topping i/c surface finishing and dividing into panells Ratio 3" thick (S.I.No:16@-P/41)	1996	4411.82	%.Sft	88,060
B)	Ratio 2" thick	5266	3275.5	%.Sft	172,488
26	P/L Single layer of polythen sheet 0.13mm fixing in position tiles etc complete	268	10.7	P.Sft	2,868
27	Reinforcement for cement concrete spout including fixing in position in all respect	0	261.25	P.Sft	0
	Supplying & Fixing broken glasses on courtyard wall including 1:3:6 cement concrete coping (S I No:61 P No:105)	268	70.44	P.Sft	18,878
28	Laying floor of approved white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (S I No: 24 P No: 43)	1126	27678.86	%.sft	311,664
29	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (S I No: 37 P No: 45)	649	28253.61	%.sft	183,366
	Halla tile	270	34520.31	%.sft	93,205
30	S/F iron steel grill 1/4"x3/4" size flate iron of approved design including painting 3 coats etc complete (S.I.No:26-P/92)	1359	180.5	P.Sft	245,300
31	Making and fixing steel grill 1 /4 x3/4 flat rion of approve design including painting three coats etc let not to be less than (SIN 26 p/92)	0	231.60	P.Sft	0
32	M/F steel grated door with 1-1/16" thick with locking arrangement (R.A)	95	942.06	P.Sft	89,496
33	White wash Three coats (S.I.No:26@-P/53)	2962	829.95	%.Sft	24,583
B	Two coat (Old surface)	1415	425.84	%.Sft	6,026
34	Primary coat of chalk under distempering (S.I.No:23-P/57)	2452	442.75	%.Sft	10,856
35	Distempering Three coats (S.I.No:24@-P/53)	2452	1079.65	%.Sft	26,473
B	Two coat (Old surface)	6026	1043.9	%.Sft	62,905
	Preparing surface painting weather coat. (S.I.No:38 a-P/56)	7690	2567.95	%.Sft	197,475



36	Painting doors and windows any type (S.I.No:5©-P/69)	446	2116.61	%Sft	9,440
B	Two coat (Old surface)	1212	1160.06	%Sft	14,060
37	Preparing surface painting Garder bars gates of iron bars grating railing (S.I.No:5-P/69)	664	1270.82	%Sft	8,438
B	Two coat (Old surface)	0	674.6	%Sft	0
38	Colour wash three coats	0	859.9	%Sft	0
<b>TOTAL</b>					<b>4,969,658</b>

**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	2.0	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connetions & making good in cement 1:2:4 B (i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4 C.I trape & C.I Thumple. (S.I.NO.1 P.NO.1)	4802.60	Each	9605/-
2	10.0	Providing and fixing 4" dia C.I soil & vent pipes including cutting and fitting and extra painting to match the colour of building. (S.I.NO.1 P.NO.8)	333.29	Each	3333/-
3	2.0	Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/8" thick and bolts & nuts and extra painting to match the colour of the building. (S.I.NO.5 P.NO.8)	270.60	Each	541/-
4	20	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trench to required depth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft	3769/-
5	10	Providing G.I Pipes specials & clamps etc including fixing cutting and 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 zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet. and handling. (S.I.NO.1 P.NO.12)			
	10	(iii) 1" dia G.I Pipe	128.55	Rft	1286/-
	15	(i) 1/2" dia G.I Pipe	73.21	Rft	1987/-
	10	(ii) 3/4" dia G.I Pipe	95.79	Rft	1916/-
6	10	P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 61 meters or 200 ft (S.I.NO.4 (a) (b) (c) P.No.23 PHD	90.00	P.Rft	900/-
	20	(b) 4" Dia 6"8	<del>136</del>	P.Rft	<del>1360</del>
	20	P/L UPVC pipes of "Class B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to head of 122 meters or 400 ft	252.00		5040/-
7	10	(a) 1" Dia	27.00	P.Rft	270/-
	20	(b) 3/4" Dia	19.00	P.Rft	380/-
	25	(c) 1/2" Dia	12.00	P.Rft	300/-
8	2.0	Supplying & fixing in position brass bib cock b. 3/4" dia brass b. cock. Standard pattern (S.I.NO.1 P.NO.16)	348.92	Each	698/-
9	2.	Providing & fixing ball valve (with unsoldered copper ball) made to B.B.S. 1212 (S.I.NO.6 P.NO.18) (iii) 3/4" dia	290.84	Each	582/-
10	200	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as specified i/c cost of puts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet, outlet flow pipes etc complete (S.I.NO.3 P.NO.18) (a) 250 Gallon thickness 3.5 mm	87/95	87/95	17590/-
11	1.0	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delivery with base plate and compiling one horse power single phase motor (siemens make) 80' feet head of 2800 RPM including the cost of puts and bolts c.c. (1:2:4) Elect. Motor	14201/2	P.No	18470/-
12	10.0	Providing and installation of Hand pump 1-1/4" G.I pipe and collar syringer with wooden shap including cost of 4" feet above ground level embed in C.C. (1:2:4) with iron handle and required same shape with acc and fixing etc complete.			
	40.0	(a) Filter pipe	120	Rft	1200/-
	1.0	(b) G.I pipe	110	Rft	4400/-
	1.0	(c) H.P Machine	2500	P.No	2500/-

13	1.0	Providing and fixing 22"16" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 8 inch built into wall. Painted white in two coats after a primary coat of red lead paint a pair of 1/2 dia chrome plated pillar traps 1-1/2" dia rubber plug chrome brass waste of approved pattern 1-1/4" dia malleable iron cp union making and traps, malleable iron or brass requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (standard pattern) S.I No:13 P.No:3	4694.8	Each	4595/-
14	1.0	Add extra for labour for providing & fixing of earthen ware pedestal white or coloured glazed (standard pattern) S.I No:9 P.No:3	938.47	Each	939/-
15	1.0	Supplying & fixing swan type pillar cock of superior quality single cp head 1/2" dia S.I No:18 P.No:16	795.30	Each	795/-
16	1.0	Supplying & fixing bath room accessories (7 pieces) i/c towel rod, brush holder, soap tray, shelf of approved quality and design etc complete S.I No:24 P.No:16	8122.4	Each	1475/-
17		Construction manhole or inspection chamber for the required dia of circular sewer and 3"x6" (1067mm) dept with walls of B.B in cement mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2"x1-1/2" (457x457mm of 1.75Gwt. (88.9 kg.) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S steps 6" (150mm) wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc complete as per specification and drawing No.D/I of Public Health Circle Southern zone S.I No:1 P.No:39	14748	Each	
18		Providing R.C.C pipe with collars class "B" and digging the trench to required depth and fixing in position including cutting fitting and joining with maxphalt 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 stuff. (S.I.NO .2 P.NO.21) (c) 8" dia R.C.C pipe class "B"	199.25	Rft.	
19	2.0	Providing & fixing 4" dia C.I Terminal guard including extra painting to match the colour of the building S.I No:10 P.No:9	389.70	Each	779/-
20	2.0	Providing & fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connections. S.I No:23 P.No:6	447.15	Each	894/-
21	1.0	Providing & fixing 15"x12" beveled edge mirror of belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden plate S.I No:3 P.No:7 a) standard pattern	1161.6	Each	1161/-

G; Total Rs: 106371/00.

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEMES**

(b). Brief Description of Works:- ADP:330-REHABILITATION,IMPROVEMENT,RENOVT:  
& PROVISION FOR MISSING FACILITIES IN EXISTING  
SECONDARY/HIGHER SECONDARY SCHOOLS OF  
DISTRICT SHIKARPUR(2016-17-PROGMM)(5 UNITS)  
5. GBHS Jhali Kalwari

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 2.800 ( Millions).

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - 15 Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_

Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/- (Rupees: Three Thousand only).

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt: Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**

# B.O.Q OF CIVIL WORK

NAME OF WORK:

**REHABILITATION OF EXISTING BUILDING AT G:B:H:S: JHALI-  
-KALWARI TALUKA LAKHI DISTRICT SHIKARPUR. (A/P: NO: 330-**

Sr.No:	QNTY:	DESCRIPTION	RATE	UNIT	AMOUNT IN Rs:
1	58	Dismantling brick work in lime or cement mortar	@ Rs:1285.63	% Cft	746/-
2	-	Dismantling brick or flagged flooring without concrete foundation. S.I No.30 P.No.12	@ Rs:257.13	% Sft	-
3	10 12	Dismantling cement concrete Plain (1:2:4)	@ Rs:3327.50	% Cft	33674/-
4	83	Dismantling Cement concrete Reinforced separating reinforcement from concrete cleaning & straightening The same	@ Rs:5445.0	% Cft	45 19/-
5	3770	Removing mud plaster from roof or walls.	@ Rs:60.50	% Sft	228 1/-
6	-	Removing doors with chowkats	@ Rs:142.18	P.No:	-
7	-	Removing windows and sky light with chowkats	@ Rs:102.85	P.No:	-
8	-	Removing ventilators and wooden sun shade etc.	@ Rs:51.43	P.No.	-
9	-	Dismantling rolled steel beams, iron Rails etc.	@ Rs:126.04	P.Cwt	-
10	39 15	Removing cement or lime plaster	@ Rs:121.00	%Sft	47 37/-
11	-	Dismantling cement concrete plain 1:3:6	@ Rs:1306.80	% Cft	-
12	946	Excavation in foundation of building bridges and other structure I/C degbelling dressing refilling around the structure with excavated earth watering and ramming lead upto 5 ft. in ordinary soil.	@ Rs:3176.25	%0 Cft	30047/-
13	19 13	Cement concrete brick or stone ballast 1- 1/2 " to 2" guage	@ Rs:8694.95	% Cft	166334/-
	-	i. Cement concrete (ratio 1: 5: 10: )	@ Rs:9416.28	% Cft	-
	-	ii. Cement concrete 1: 4: 8:			
14	-	Dry rammed brick or stone ballast 1/2 " thick to 2" guage	@ Rs:3327.50	% Cft	-
15	894	Pacca brick work in foundation and plinth (cement sand mortar 1:6)	@ Rs:11948.36	% Cft	1068 18/-
16	7.723	Fabrication of mild steel reinforcement for cement concrete I/C cutting, banding and lying in position i/c cost of steel binding wire also i/c removal of rust from bars	@ Rs:5001.70	P: Cwt	386 28/-
	-	(a) Tor Steel	@ Rs:4820.20	P: Cwt	-
	-	(b) Mild Steel			
17	173.0	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 C:C ratio (1: 2: 4:) S.I No.6A P.No.16	@ Rs:337.00	P: Cft.	58 30 1/-
18	238	Filling watering ramming earth in floor with surplus earth excavated from foundation lead upto one chain and lift upto 5ft.	@ Rs:1512.50	%0 Cft.	360/-
19	-	Filling watering ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto five ft.	@ Rs:3630.0	%0 C.ft	1045/-
20	952	S/ Filling sand under floor and plugging in wells.	@ Rs:1141.25	% C.ft	10865/-

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21.	-	Errction and removal of centering for R.C.C or plain cement concrete work of deodar wood (2nd: class)	@ Rs:7000.0	% S.ft	-
22.	632 190	Pacca brick work on ground floor with (1:6 ratio) G/F F/F	@ Rs:12674.36 @ Rs:13112	% Cft % Cft	80 10 2/- 249 15/-
23.	-	Pacca brick work on other than building with 1:6 (ratio)	@ Rs:12346.65	% Cft	-
24.	4.821	S/fixing iron girder at site of work	@ Rs:3850.0	P.Cwt	1856 1/-
25.	6.126	S/Fixing iron t-iron at site of work	@ Rs:3575.0	P.Cwt	21900/-
26.	10.947	Errction of rolled steel beams or iron rails etc.	@ Rs:186.34	P.Cwt	20 40/-
27.	310	Second class tiles roofing consisting of 4" earth 1" mud plaster with gobri leeping over 1/2" thick cement plaster (1:6 cement mortar including 1:2 cement pointing under neath of tiles complete including curing etc. complete	@ Rs:7607.25	% S.ft	2358 2/-
28.	4080	Providing and laying single per layer of polythin sheet 0.13 mm thick for Water proofing as per specification and instruction of Engineer Incharge	@ Rs:10.70	P.Sft	4 3656/-
29.	5598 1220	Providing and laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (A) 3" thick (B) 2" thick	@ Rs:4411.82 @ Rs:3275.50	% S.ft % S.ft	246974/- 3996 1/-
30.	7540	Mud plaster on floor or roof 1" thick	@ Rs:555.0	% S.ft	4 1847/-
31.	39 15	Applying floating coat of cement 1/32" Thick	@ Rs: 660.0	% S.ft	25 339/-
32.	2542 316 2148	Cement plaster (1:6) upto 20' ft: height G/F 1/2" thick F/F	@ Rs: 2206.60 @ Rs:2493.45	% S.ft % S.ft	56092/- 7879/-
33.	316	Cement plaster 1:4 upto 20' ft: height G/F 3/8" thick. F/F.	@ Rs: 2197.52 @ Rs:2483.19	% S.ft % S.ft	47 20 3/- 7847/-
34.	39 15	Cement plaster 1:4 upto 20' ft: height 1/2" thick	@ Rs: 3015.76	% S.ft	118067/-
35.	-	Cement pointing and stricking of joints on Walls ratio. 1: 2	@ Rs:1287.44	% S.ft	-
36.	3770	1/8" thick gobree leeping on roofs or floors.	@ Rs:91.74	% S.ft	3459/-
37.	91.0 140.0	First Class deodar wood wrought joinery in doors and windows etc: fixed in position i/c deodar panelled and glazed 1-3/4 thicks. (b) only shutters	@ Rs: 1273.76 @ Rs: 902.93	P.Sft P.Sft	1159 12/- 126 4 10/-
38.	16.0	Providing and fixing deodar wood Almirah 9-12" depth i/c boxing with back shalves shutter brass fitting etc complete (without box)	@ Rs: 1748.0	P.Sft	27968/-
39.	-	Fixing doors including chowkats	@ Rs: 279.51	Each	-
40.	-	Fixing windows including chowkats	@ Rs: 139.76	Each	-
41.	- - -	P/F G:I frames / chowkats of size 7" x 2" or 4-1/2"x3" for doors and window using 20 guage G.I sheet i/c welded hinges and fixing at site with necessary hold 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 (a) for doors (b) for windows	@ Rs: 228.90 @ Rs: 240.50	P.Rft P.Rft	- -

42.	-	Supplying and fixing M:S round bars for barred windows	@ Rs: 3700.0	P.Cwft	-
43.	-	Cutting and fixing M:S round bars for barred windows.	@ Rs: 28.23	P.No.	-
44.	-	Making of fixing steel grated door with 1/16" thick sheeting I/C angle iron frame 2"x2"x3/8" and 3/4" square bars at 4" center to center with locking arrangements	@ Rs: 726.72	P Sft.	-
45.	826.0	Supplying and fixing in position iron/steel grill of 3/4"x1/4" size flat iron of approved design including painting three coats etc complete	@ Rs: 180.50	P.Sft	14909 3/-
46.	-	Providing and fixing collapsible gate with channel framing of section 3/4"x5/16" at 4" i/c revitted with 3/4"x1/8" flat iron patti placed diagonally and provided with top and bottom T-section 1" x1" 1/8" alongwith rollers also i/c locking arrangement and fixing in floor/ceilling or walls etc complete	@ Rs: 387.04	P.Sft	-
47.	72.0	P/F iron steel grill door with angle iron frame of 1-1/2"x1-1/2"x1/4" and flat iron of 3"x4"x1/4" with approved design and locking arrangement embedded in masonry as per instructions of engineer incharge.	@ Rs: 231.60	P.Sft	16675/-
48.	-	Replacing kallar eaten bricks	@ Rs: 36.30	Each	-
49.	91	Cement concrete plain i/c placing compacting, finishing and curring complete i/c screening and washing of stone aggregate without shuttering (1:2:4)	@Rs: 14429.25	% Cft.	13131/-
	-	(b) 1:3:6 ration)	@Rs: 12595.0	% Cft.	-
50.	320	Making Notice board made with Cement	@ Rs: 58.11	P.Sft	18595/-
51.	-	Laying white marble flooring fine dressed in the surface without winging set in lime mortar 1:2 including rubbing and polishing of the joints. (a) 3/4" thick Flooring	@ Rs: 567.48	P.Sft	-
52.	-	P/F 3/8" thick marble tiles of approved quality and colour shade size 8" x 4/6" x4" 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. (i) For new works.	@ Rs: 186.04	P.Sft	-
53.	470	White glazed tiles 1/4" thick jointed in white cement(1:2) over 3/4" thick cement mortar (1:2) complete	@ Rs: 28253.61	% Sft	132792/-
54.	535	Lying floor of white glazed tiles 1/4" thick jointed in white cement laid over 3/4" thick bed (1:2) ratio	@ Rs: 27678.86	% Sft	148082/-
55.	-	Providing and lying hala or pattern tiles glazed 8"x8"x4 floor or wall facing in required pattern specification jointed in white cement and pigment over a base of 1:2 grey cement motor 3/4" thick i/c washing in filling of joints with salary of white cement and pigment desired shape with finishing/ cleaning and cost of wax police etc complete i/c cutting tile to proper profile. S.I No.62 P.No.48	@ Rs: 34520.31	% Sft	-
56.	-	P/F cement paving blocks flooring having size of 197 x 97 x 60 (MM) of city / Quddra/Cobble shape with natural colours having strength b/w 5000 psi to 8500 psi I/C filling the joints with hillsand laying in specified manner / pattern and design etc complete.	@ Rs: 199.77	P:Sft	-

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57.	-	S/F Steel/Iron Grill of 3/8" Sq: bars Diagonally fixed both way at 3" C.C on 3/4" x 3/4"x1/8" etc complete as per instructions given by Engineer Incharge (R..A).	@ Rs:329.64	P.Sft	-
58.	239 7 147	White wash Three coats (b) two coats	@ Rs:829.95 @ Rs:425.84	% S.ft % S.ft	1984/- 30 435/-
59.	- -	Colour wash three Coats (b) Two Coats	@ Rs:859.90 @ Rs:443.27	% S.ft % S.ft	- -
60.	1434	Primary Coat of chalk under distempering	@ Rs:442.75	% S.ft	6 349/-
61.	1434 24567	Distempering Three coats (b) Two Coats	@ Rs:1079.65 @ Rs:1043.90	% S.ft % S.ft	15 482/- 256 455/-
62.	964 494	Painting doors and windows any type (a) Old Surface Two coats (b) New Surface Three coats	@ Rs: 1160.06 @ Rs: 2116.41	% S.ft % S.ft	11 183/- 10 455/-
63.	102 288	Painting guard bars, gates iron bars gratings, railing including standard braces etc and similar open work Two Coats (Old Surface) (b) Three Coats	@ Rs: 674.60 @ Rs: 1270.83	%Sft %Sft	688/- 3660/-
64.	12	Fixing water spouts or purnals	Rs: 211.75	Each	254 1/-
65.		Preparing surface and painting with mett finish i/c rubbing bathy (silicon carbide rubbing brick) filling the whites with zinck chalk plaster of paris mixture / applying first coat premix making the surface smooth and than painting 3 coats with matt finish of approved make etc complete new surface. S.I No.36A P.No.55 (a) Two Coat (b) Three Coat	@ Rs: 2700.17 @ Rs: 3444.38	% Sft % Sft	
66.		Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick / sand papar, filling the whites with chalk/ plaster of Paris and than painting with weather coat of approved make. S.I No.38A P.No.56 (a) Two Coat (b) Three Coat	@ Rs: 1858.10 @ Rs: 2567.95	% Sft %Sft.	
67.	1240	Extra Lead 2 Mile.	@Rs: 502.65	%Cft:	6233/-
68.	99.0	P/I floor of Verona marble tiles of size 12"x12"x3/4" fine dressed on the surface without wining set in white	Rs:-307.00	P:Sft:	30 393/-
69.		Laid over 3/4" thickbed of (1:2) grey cement slurry and jointing washing the tiles with			
70.		slurry of white cement and pigment to match the colour of tiles i/c cutting, grinding,			
71.		rubbing & chemical polishing etc complete. (R.....A).			
				TOTAL	2392,295/-

**PART (B) WATER SUPPLY & SANITARY FITTINGS**

S.No:	Qty:	Description	Rate	Unit	Amount
1	04	Providing & fixing squatting type white glazed of flushline cistern fitting & flush pipe with bend and making requisite numbers of holes in wall plinth & floor for pipe connetions & making good in cement 1:2:4 B.(i) W.C of not less 19" clear opening between flushing rims and 3 gallon flushing tank with "4 C.I trape & C.I Thumble. (S.I.NO 1.P.NO.1)	4802.60	Each	19210/-
2	-	Providing and fixing 4" dia C.I soil & vent pipes including Cutting and fitting and extra painting to match the colour of building.( S.I.NO.1 .P.NO.8 )	333.29	Each	-
3	04	Providing & fixing 4"x4"x4" dia C.I branch of the required degree with access doors, rubber washer 1/8" thick and built & nuts and extra painting to match the colour of the building.( S.I.NO.5.P.NO.8 )	270.6	Each	1082/-
4	48	Providing asbestos pipe with collar (Dadex or equivalent) i/c digging the trenche to required deoth and fixing to position and joining with rubber rings including testing to water pressure head of 200 feet S.I No:3 P.No:21 (b) 4" dia Asbestos pipe	188.44	Rft:	9045/-
5		Providing G.I Pipes specials & clamps etc including fixing cutting and 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 and testing with water to a pressure head of 200 feet and handling. ( S.I.NO.1 P.NO.12 )			
	25	(iii) 1" dia G.I Pipe	128.55	Rft:	3214/-
	75	(i) 1/2" dia G.I Pipe	73.21	Rft:	5491/-
	100	(ii) 3/4" dia G.I Pipe	95.79	Rft:	9579/-
6	04	Supplying & fixing in position brass bib cock b. 3/4" dia brass bib cock. Standard pattern ( S.I.NO.1 P.NO.16 )	348.92	Each	5583/-
7	04	Providing & fixing bal valve (with unsoldered copper ball ) made to B.B.S. 1212 ( S.I.NO.6 P.NO. 18) (ii) 3/4" dia	290.84	Each	1163/-
8	01	Supplying & Fixing Fiber Glass Tank of approved quality and design and wall thickness as soecified i/c cost of nuts bolts and fixing in plate form of cement concrete 1:3:6 and making connections for in-let out & over flow inlet .outlet flow pipes etc complete ( S.I.NO .3. P.NO.18 ) (a) 250 Gallon thickness 3.5 mm	21989.6	Each	21990/-
9	01	Supplying and fixing approved quality Electric A.C. motor pumping set (Javed Engineering made) 1-1/4"x1" section and delievery with base plate and compiling one horse power single phase motor (siemens make) 60' feet head of 2800 RPM including the cost of nuts and bolts c.c. (1:2:4) Elect: Motor	12500	P.No	12500/-
10		Providing and Installation of Hand pump 1-1/4" G.I pipe and colr syainer with wooden shap including cost of 4" feet above ground level embded in C.C (1:2:4) with Iron handle and required same shape with acc and fixing etc complete.			
	10	(a) Filter pipe	120	Rft:	1200/-
	50	(b) G.I pipe	110	Rft:	5500/-
	01	(c) H.P Machine	2500	P.NO	2500/-

11	02	Providing and fixing 22"x16" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inch built into wall. Painted while in two coats after a primary coat of red lead paint a pair of 1/2 dia chrome plated pillar traps 1-1/2" dia rubber plug chrome brass waste of approved pattern 1-1/4" dia malleable iron cp union making and traps, malleable iron or brass requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (standard pattern) S.I No:13 P.No:3	4694.8	Each	9390/-
12	02	Add extra for labour for providing & fixing of earth ware pedestals white or coloured glazed (standard pattern) S.I No:9 P.No:3	938.47	Each	1877/-
13	02	Supplying & fixing swan type pillar cock of superior quality single c.p head 1/2" dia S.I No:18 P.No:16	795.30	Each	1591/-
14	-	Supplying & fixing bath room accessories (7 pieces) i/c towel rod, brush holder, soap tray, shelf of approved quality and design etc complete S.I No:24 P.No:16	8122.4	Each	-
15	-	Construction manhole or inspection chamber for the required dia of circular sewer and 3"x6" (1067mm) dept with walls of B.B in cement mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2"x1-1/2" (457x457mm of 1.75Cwt. (88.9 kg.) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S steps 6" (150mm) wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc complete as per specification and drawing No.D/I of Public Health Circule Southern zone S.I No:1 P.No:39	14748	Each	-
16	12	Providing R.C.C pipe with collars class "B" and digging the trench to required depth and fixing in position including cutting fitting and joining with maxphalt 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 stuff. (S.I.NO. 2 P.NO.21) (c) 6" dia R.C.C pipe class "B"	199.25	Rft.	2391/-
17	01	Providing & fixing 4" dia C.I Terminal guard including extra painting to match the colour of the building S.I No:10 P.No:9	389.70	Each	390/-
18	02	Providing & fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connections S.I No:23 P.No:6	447.15	Each	894/-
19	02	Providing & fixing 15"x12" beveled edge mirror of belgium glass complete with 1/8" thick hard board and C.P serews fixed to wooden plate S.I No:3 P.No:7 a) standard pattern	1161.6	Each	2323/-
TOTAL RS:					116,913/-

Amount Total (CSR)

Part "A" % Above / Below \_\_\_\_\_

Part "B" % Above / Below \_\_\_\_\_

CONTRACTOR

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION  
SHIKARPUR

**BIDDING DATA**

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

(a). Name of Procuring Agency:- Executive Engineer (Education Works)  
Division Shikarpur.

**PROVINCIAL ADP SCHEMES**

(b). Brief Description of Works:- ADP 432 REHABILITATION & PROVISION OF MISSING FACILITIES IN EXISTING COLLEGE OF LARKANA DIVISION(2016-17-PROGRAMME)(02 UNITS)  
1. Govt.(B)C&S Degree College Shikarpur

(c).Procuring Agency's address:-Executive Engineer (Education Works) Division Shikarpur  
Near GBHS No.II Shikarpur.

(d). Estimated Cost:- 7 700 ( Millions).

(e). Amount of Bid Security:- 5% (Fill in lump sum amount or in % age of bid amount /estimated cost.

(f).Period of Bid Validity (days):- 60 Days (Not more than sixty days).

(g).Security Deposit:-(including bid security):- 10%  
(in % age of bid amount /estimated cost equal to 10%)

(h). Percentage, if any, to be deducted from bills:- 7.50% Income tax

(i). Deadline for Submission of Bids along with time :- As Per NIT

(j). Venue, Time, and Date of Bid Opening:- Near GBHS II (Shikarpur As Per NIT).

(k). Time for Completion from written order of commence: - 15 Months

(L).Liquidity damages:- -NIL- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount:Rs: \_\_\_\_\_  
Bank \_\_\_\_\_

(n). D.R.NO: \_\_\_\_\_ DATED: \_\_\_\_\_ Amount 3000/--(Rupees:Three Thousand only)

(o). Tender issued to Mr. / M/s \_\_\_\_\_ Govt. Contractor.

  
**EXECUTIVE ENGINEER**  
**EDUCATION WORKS DIVISION**  
**SHIKARPUR**

# BOQ-1 (i)

## NAME OF WORK:- REHABILITATION EXISTING BUILDING @G C&S DEGREE COLLEGE SHIKARPUR TALUKA SHIKARPUR

S.NO:	DESCRIPTION	QNTY	RATE	UNIT	AMOUNT
<b>A PART-A (CIVIL WORK)</b>					
1	Dismantling Cement Concrete Plain 1:2:4 (S.I.No:19@-P/10)	0	3327.5	%.Sft	0
2	Dismantling Reinforcement for cement concrete sperating reinforcement from concrete cleaning (S.I.No:20-P/10)	0	5445.00	%.Sft	0
3	Dismantling brick work in lime or cement mortor (S.I.No:13-P/10)	0	1285.63	%.Sft	0
	Dismantling 2nd class tiles roofing. (S.I.No:22(b)-P/11)	0	378.13	%.Sft	0
	Dismantling rolled steel beam (S I No:41 P No:13)	0	126.04	P Cwt	0
4	Removing Cement or lime plaster (S.I.No:53-P/13)	0	121.00	%.Sft	0
	Removing door with chowkhat	0	142.18	P.No:	0
	Removing window with chowkhat	0	102.85	P.No:	0
	Scraping (b) Ordinary distemper oil bound or paint on wall (S I No:54 b P No:13)	0	226.88	%.sft	0
5	Excavation in foundation of building bridges & other structure with excavated lead upto one chain and lift upto 5'feet. In ordinary Soil. (S.I.No:18(b)-P/14)	3737	3176.25	%0cft	11,870
	Cement Concrete brick or stone ballast 1 1/2" to 2" guage Ratio 1:5:10. (S.I.No:4@-P/21)	3153	8694.95	%.Cft	274,152
6	Pacca brick work in Foundation and plinth in cement sand mortor 1:6 (S.I.No:4-P/20)	2138	11948.36	%.Sft	255,456
8	Reinforcement for cement concrete including labour and material except the cost of steel reinforcement and its labour for bending binding which will be paid seperately. This reate also includes all kind of forms moulds lifting shuttering curring etc compl	1188	337	P.Cft	400,356
9	Fabrication of Tar steel reinforcement for cement concrete including cutting bending and laying in position making joints and fastening including the cost of binding wire also includes removal of rust from bars. (S.I.No:8(b)-P/16)	54.109	5001.7	P.Cwt	270,637
	Earth filling from excavation	963	1512.5	%0cft	1,457
	Earth filling from out side	5205	3630	%0cft	18,894
	Add extra lead two mile	5205	502.2	%cft	26,140
10	Pacca brick work in Ground floor and plugging into walls (S.I.No:5@-P/20)	1980	12674.36	%.Cft	250,952
B	F.Floor	0	13112.00	%.Cft	0
11	Supplying & Fixing Girder at site of work	0	3850.00	P.Cwt	0
12	Supplying&fixing T-Iron at site of work	0.00	3575.00	P.Cwt	0
13	Errection of rolled beam	0	186.34	P.Cwt	0
14	Second Class Tiles Roofing consisting of 4" earth and 1" mud plaster with gobri leeping over 1/2" thick cement plaster 1:6 with 34 Lbs of hot bitumen coating sand blinded provided over 2 layer of tiles 12"x6"x11/4" laid in 1:6 cement mortar with 1/2" thick sand wiched layer of 1:2 cement pointing underside of tiles complete including curing etc. (S.I.No:1-P/32)	0	7607.25	%.sft	0



15	1"Thick mud plaster	0	555.00	%sft	0
16	Applying floating coat	0	660.00	%Cft	0
17	Pacca brick work other than building i/c striking of joints on Wall Ratio 1:6 (S.I.No:7-P/21)	0	12346.65	%Cft	0
18	Cement Plaster 1:6 upto 20' height Ratio 1/2" thick (S.I.No:13(b)-P/51)	13395	2206.6	%Sft	295,574
B	F.Floor	0	2308.84	%Sft	0
19	Cement Plaster 1:4 upto 20' height Ratio 3/8" thick (S.I.No:13(b)-P/51)	13395	2197.52	%Sft	294,358
B	F.Floor	0	2299.77	%Sft	0
	Cement Concrete Plain compacting finishing curring etc and washing aggregate without shuttering (S.I.No:5-P/15)	591	14429.25	%Sft	85,277
20	Making Notice board made with cement. (S.I.No:1-P/89)	332	58.11	P.Sft	19,293
21	First class deodar wood wrought joinery in doors & windows etc complete fixed in position including chowkats holds fastes hinges (S.I.No:7-P/57)	614	1273.76	P.Sft	782,089
22	S/F M S bars for window	0.837	3700	P.Cwt	3,097
23	Cutting &fixing M S bars	36	28.23	P.No:	1,016
24	P/F deodar almirah 9-12" depth	110.25	1748.00	P.Sft	192,717
25	P/L Cement Concrete topping i/c surface finishing and dividing into panells Ratio 3" thick (S.I.No:16@-P/41)	36	4411.82	%Sft	1,588
B)	Ratio 2" thick	1407	3275.5	%Sft	46,086
26	P/L Single layer of polythen sheet 0.13mm fixing in position tiles etc complete	0	10.7	P.Sft	0
27	Providing and fixing cement paving block flooring of 197x97x60(mm)(S I No:71 P No:49)	6317	199.77	P.Sft	1,261,947
	Supplying & Fixing broken glasses on courtyard wall including 1:3:6 cement concrete coping (S I No:61 P No:105)	0	70.44	P.Sft	0
28	Laying floor of approved white glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (S I No: 24 P No: 43)	935	27678.86	%sft	258,797
29	White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing (S I No: 37 P No: 45)	2783	28253.61	%sft	786,298
	Halla tile	0	34520.31	%sft	0
	Laying floor of approved Verona Morblingtiles 3/4" thick jointed in white cement and laid over 1:2 cement sand mortar 3/4 thick including finishing. (R A Approved)	2588	307	P.Sft	794,516
30	S/F iron steel grill 1/4"x3/4" size flate iron of approved design including painting 3 coats etc complete (S.I.No:26-P/92)	385	180.5	P.Sft	69,493
31	Making and fixing steel grill 1 /4 x3/4 flat rion of approve design including painting three coats etc let not to be less than (SIN 26 p/92)	721	231.60	P.Sft	166,984
32	M/F steel grated door with 1-1/16" thick with locking arrangement (S I No:24 P No:92)	0	726.72	P.Sft	0
33	White wash Three coats (S.I.No:26@-P/53)	6586	829.95	%Sft	54,661
B	Two coat (Old surface)	0	425.84	%Sft	0
34	Primary coat of chalk under distempering (S.I.No:23-P/57)	17154	442.75	%Sft	75,949



35	Distempering Three coats (S.I.No:24©-P/53)	17154	1079.65	% Sft	185,203
B	Two coat (Old surface)	0	1043.9	% Sft	0
	Preparing surface painting weather coat. (S.I.No:38 a-P/56)	4121	2567.95	% Sft	105,825
36	Painting doors and windows any type (S.I.No:5©-P/69)	1620	2116.61	% Sft	34,289
B	Two coat (Old surface)	0	1160.06	% Sft	0
37	Preparing surface painting Garder bars gates of iron bars grating railing. (S.I.No:5-P/69)	0	1270.82	% Sft	0
B	Two coat (Old surface)	0	674.6	% Sft	0
38	Colour wash three coats	552	859.9	% Sft	4,747
<b>TOTAL</b>					<b>7,029,716</b>

**WATER SUPPLY & SANITARY WORK****GOVT. C&S COLLEGE SHIKARPUR****PART- B : PLUMBING WORKS**

	16.0	Providing and fixing squatting type white glazed flushine cistern with internal fittings and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connection and making good in cement concrete 1:2:4  B. WC pan of not less than 19" clear opening between flusing rims and 3 gallons flushing tank with 4" dia CI trap and CI thumble.	5,486.80	Each	87788.8
2		Providing R.C.C pipe with collars class "B" and digging the trenches to required depth & fixing in position including cutting, fitting & jointing with maxphalt composition & cement mortar 1: 1 and testing with water pressure jto a head of 4 feet above the top of the highest pipe & refilling with excavated stuff.			
		i). 4" dia pipe	146.57	P/Rft	
	200.0	ii). 6" dia pipe	199.25	P/Rft	39850
3	6.0	Providing & fixing flat back lipped from urinal basin (of not less than 17" in height) of white glazed earthen ware complete with & i/c the cost of 1 gallon C.I automatic flushing cistern standard flush pipe with fitting standard waste pipe (Enamelled iron) connection complete 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. 7 P.No. 3	4,440.70	Each	26644
4	3.0	Providing and fixing European white glazed earthen ware wash down w.c pan complete with and i/c the cost of white / black plastic seat (Best quality) and lid with C.P brass hinges and buffers. 3 gallons white glazed earthen ware low level foushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia white porcelain enamelled 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 quality). S.I.No. 5 P.No. 2	11,477.40	Each	34432
5		Providing Laying UPVC pipes of Class "B" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to a head of 61 meter or 200 ft. S.I.No. 2 P.No. 23 P.H.D			
	150.0	80 mm (3" dia)	90.00	P/Rft	13500
	100.0	100 mm (4" dia)	136.00	P/Rft	13600
		125 mm (5" dia)	185.00	P/Rft	
	300.0	150 mm (6" dia)	259.00	P/Rft	77700
6		Providing GI pipes specials and clamps etc including fixing cutting and fittings 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 t			
	50.0	i). 1/2" dia pipe	73.21	P/Rft	3661
	75.0	ii). 3/4" dia pipe	95.79	P/Rft	7184
	25.0	ii). 1" dia pipe	128.55	P/Rft	3214
		ii). 1-1/4" dia pipe	153.19	P/Rft	

7		Providing Laying UPVC pipes of Class "D" fixing in trench i/c cutting, fitting and jointing with solvent cement i/c testing with water to a head of 122 meter or 400 ft. S.I. No. 6 P.No. 24 P.H.D			
	200.0	13 mm (1/2" dia)	12.00	P/Rft	2400
	300.0	19 mm (3/4" dia)	19.00	P/Rft	5700
	50.0	25 mm (1" dia)	27.00	P/Rft	1350
		26 mm (1 1/4" dia)	33.00	P/Rft	
8		Providing and fixing handle valve (china)			
		i). 1/2" dia	200.42	Each	
	2.0	ii). 3/4" dia	271.92	Each	544
9	16.0	Supplying and fixing in position stop bib cocks with c.p head	889.46	Each	14231
10	2.0	Supplying and fixing in position long bib cocks with c.p head	1109.46	Each	2219
11	4.0	Supplying and fixing in position brass bib cocks 3/4" dia standard pattern S.I.No. 1 P.No. 16	348.92	Each	1396
12	16.0	Providing and fixing baal valve (with unsoldered copper ball ) made to BBS 1212 (S.I.No. 6 P.No. 18 II 3/4" dia	290.84	Each	4653
13	2.0	Supplying & fixing Bath room accessories set (7 pieces i/c towel rod, brush holder, soap tray, shelf of approved quality and design etc complete.	8122.4	Each	16245
14	8.0	Providing & fixing in position nylon connections complete with 1/2" dia, brass stop cock with pair of brass nuts and lining joints to nylon connection.	447.15	Each	3577
15	8.0	Providing & fixing 22" x 16" lavatory basin in white glazed earthen ware complete with & i/c the cost of W.I or C.I cantilever brackets 6 inches 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 plated brass chain 1-1/4" dia, malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for Pipe connections and making good in cement concrete 1: 2: 4 (Foreign or Equivalent).	4694.8	Each	37558
16	8.0	Add extra for labour for providing & fixing of earthen ware pedestal white or coloured glazed (standard pattern..) S.I.No. 9 P.No. 3	938.47	Each	7508
17	3.0	Providing & fixing 6" x 2" or 6" x 3" 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 & i/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4	2,024.43	Each	6073
18	3.0	Providing and fixing C.I trap with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a C.I grating with or without a vent arm including caste of making requisite number of holes in walls, plinth and floor for pipe connection and making good cement concrete 1:2:4.	1,671.58	Each	5015
19	16.0	Providing and fixing 4"x4"x4" dia C.I branch of the required degree with access doors rubber washer 1/8" thick and bolts and nuts and extra painting to match the colour of the building.	270.60	Each	4330
20	3.0	Providing & fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long c.p brass screws.	1,269.95	Each	3810

21		Providing installing hand pump machine i/c boaring with wooden sheo and C.C plate form.			
	10.0	a). Filter	76.05	P/Rft	761
	40.0	b) Boaring	38.95	P/Rft	1558
	1.0	c) Hand Machine	2,500	Each	2500
22	3.0	Providing and fixing electric motor 1/2" horse power i/c pumping set made 1 H.P etc.	18470	Each	55410
23		S/F Jet shower with rod of superior quality with c.p head	1142.24	Each	
24	3.0	Providing & fixing 24" x 18" bavelled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat.	1711.6	Each	5135
25	8.0	(a) Supplying & Fixing swan type pillar cock of Superior quality single c.p. head 1/2" dia.	795.3	Each	6362
26	9.0	Providing chambers 9" x 6" (inside di8mensions) x 24" deep for house meters with 6" thick C.C.1:3: 6 blocks set -on 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 cast iron cover and frame 9" x 6" (inside ) clear opening (Wt-Qr) etc. fixed in cement concrete 1:2: 4 including curing excavation back filling & disposal of surplus earth etc. complete. S.I.No. 3 P.No. 20	2233.02	Each	20097
27	8.0	Construcation mainhole or inspection chmber for the required of diameter of circuler sewer and 3'-6 (1067 mm) depth with walls of B.B in cement martor 1:3 cement plaster 1:3 1/2thick inside of walls and 1" (250mm) thick over benching channels fixing (P /P.No:46) P.H.S.R)	14748	Each	117984
28	500.0	Supplying and fixing fibre glass tank of approved quality and design and wall thickness as specified i/c cost of nuts bolts and fixing in plateform of cement concrete 1:3:6 and making connection for in-let out-let and over flow in-let out-let flow pipes	87.95	Per Gallon	43975
Total :					677964