

**OFFICE OF THE EXECUTIVE ENGINEER, EDUCATION WORKS DIVISION-II,
EDUCATION & LITERACY DEPARTMENT, GOVERNMENT OF SINDH, KARACHI**

Tender form issued to M/S. _____, Government Contractor, and
charged Rs. 3000/= Vide D.R. No. _____, Dated: _____

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION-II
KARACHI

NAME OF WORK:- RE-CONSTRUCTION OF PRIMARY SCHOOL AND SECONDARY SCHOOL OF P.A.F BASE KORANGI
CREAK OF SINDH GOVT. SCHOOLS BASE KARACHI AT GOVT. GIRLS SECONDARY SCHOOL
KARACHI (ADP.NO.295 / 2016-17)

I/We hereby tender for execution of the works of Government of Sindh (herein before / after) referred to as Government of Sindh, specified in the under written memorandum within the time modified in each memorandum at:

- | | | |
|-------------|---------|------------------|
| 1. Part-A: | @ _____ | (Above / Below), |
| 2. Part-B: | @ _____ | (Above / Below), |
| 3. Part-C: | @ _____ | (Above / Below), |
| 4. Part-D: | @ _____ | (Above / Below), |
| 5. Part-E: | @ _____ | (Above / Below), |
| 6. Part-F: | @ _____ | (Above / Below), |
| 7. Part-G: | @ _____ | (Above / Below), |
| 8. Part-H: | @ _____ | (Above / Below), |
| 9. Part-I: | @ _____ | (Above / Below), |
| 10. Part-J: | @ _____ | (Above / Below), |

The estimate carried out & according to all respect with the specification design / drawing & instruction, in writing referred to rule-I here of the clause-12 of the annexed condition of the contract & agreement, that when material for the work are provided by the Government such materials & rates to paid for then shall be as provided in Schedule-B here to:

GENERAL DESCRIPTION:

i).	Estimated Cost	:-	Rs. 45,000,000/=
ii).	Earnest Money 2%	:-	Rs. 900,000/=
iii).	Security Deposit (8%) in/c Earnest Money (2%) Total (10%)	:-	Rs. 450,000,0/=
iv).	Income Tax (7.50%)	:-	Rs. 33,750,00/=
v).	Time allowed for completion of work	:-	24 Months

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION-II
KARACHI

CONTRACTOR'S UNDERTAKING

I/We have offered that above rates after taking into consideration all the terms and conditions as per B-I, printed tender & this memorandum and shall be base to fill-up & completed the B-I, tender form co, as to complete the agreement. In case of failure, the Department will be at liable to take action against me/us.

- i) **Schedule-A:** Nil
ii) **Schedule-B:** Attached herewith

Call Deposit / Pay Order bearing NO. _____, Dated: _____, Amounting to Rs. _____, Bank: _____, Branch: _____ is enclosed herewith as desired on account of Security Deposit.

(SIGNATURE OF CONTRACTOR)

SCHEDULE - B

OF WORK:-

**RECONSTRUCTION OF PRIMARY SCHOOL AND SECONDARY SCHOOL OF
P.A.F BASE KORANGI CREAK OF SINDH GOVERNMENT SCHOOLS BASE
KARACHI (GIRLS) (A.D.P NO.222 / 295 2016-17) (GOVT: GIRLS SECONDARY
SCHOOL)**

S.No	Description of Item	Qty	Rate	Unit	Amount
1	Excavation in foundation of building bridges and other structure in/c degebilling dressing, refilling around structure with excavated earth watering and ramming lead upto 5ft (b) in ordinary soil (S.I.No.18/P-4)	59151.25	3176.25	%oCft	187,879.00
2	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8 (S.I.No.4b/P-16)	12593.13	9416.28	%Cft	1,185,804.00
3	R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)	28728.04	337.00	P.Cft	9,681,349.00
4	R.C.C work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab, beams, columns, rafts, lintels and other structural members laid in situ or precast laid in position. Complete in all respects (i) Ratio 1:1-1/2:3 90 lbs. (S.I.No. 6(a)/i/C-4)	2476.85	349.00	P.Cft	864,421.00
5	Errection and removal of centering for R.C.C or plain cement concrete work of Partal wood (2nd class) (S.I.NO.18-P-21) (vertical)	7306.80	3127.41	%Sft	228,514.00
6	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering) (h) Ratio 1:3:6 (S.I.No. 5(h)/C-4)	2396.80	12595.00	%cft	301,877.00
7	Filling watering and ramming earth in floor with surplus earth from foundation lead upto one chain and left upto 5 feet (S.I.No.21 P-5)	19717.08	1512.50	%ocft	29,822.00
8	Filling watering and ramming earth in floor with new earth excavated from outside lead upto one chain and left upto 5 feet (S.I.No.22 P-5)	26712.00	3630.00	%ocft	96,965.00

arriage of 100 Cft/ 5 tons of all materials like stone aggregate, spawl, coal, lime, surrkhi, etc B.G rail fastening points and crossing bridges, Girders, pipe, sheets, Rail. M.S bars etc or 1000 Nos. bricks 10" x 5" x 3" or 150 Cft of timber or 100 Maounds of fuel wood by trucks or any other means owned by the contractors (S.I.No.1 Carriage Material) Extra Lead 15 miles

		26712.00	1065.00	%cft	284,483.00
10	P/L 2"thick topping cement concrete 1:2:4 in/c surface finishing and dividing into pannels pannels (S.I.No.16c P-42)				
		17380.50	3275.50	%sft	569,298.00
11	Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand @ 1 Cft per % Sft. (S.I.No. 13/P-7)				
		17380.50	1887.40	%sft	328,040.00
12	R.C.C spout in/c fixing in position 2-1/2"x 6"x5"				
		20.00	261.25	Each	5,225.00
13	Primary Coat of chalk under distemper (S.I.No.23/C-9)				
		14046.00	442.75	%Sft	62,189.00
14	Distemping three coats (S.I.No.24© C-9)				
		14046.00	1079.65	%Sft	151,648.00
15	Painting new surface © Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.5©/I&iiC-11)				
		2062.00	2116.41	%Sft	43,640.00
16	Making Notice Board made with cement (S.I.NO.1 P-95)				
		672.00	58.11	P.sft	39,050.00
					14,060,204.00

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Contractor Signature

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Non Schedule Item

1	Providing & Laying in position (Fair Finish 6"x 8"x 16" ENVICRETE BLOCKS COLOURED) Rectangle section Precast, 1000 to 1500 psi using graded screened bajri (sand) & required size of crushing stone of approved quality and pigment and set in 1:4 cement mortar in/c & cost of transportation, and racking of joints, curing etc complete	8624.76	46000.00	%Cft	3,967,390.00
2	S/F in position U.P.V framing for slidding windows & ventilators of made with 5mm thick tinted glass glazing (Belgium) in/c handles stopper & locking arrangement etc complete. (R.A)	1436.00	2165.00	P.Sft	3,108,940.00
3	P/F floor for Marble tile of China, Verona of Marble tile (12" x 12") fine dressed on the surface without winding in ground floor laid 1" thick (Average) lime mortar 1:2 one lime tow sand setting the tile with grey cement slurry in/c curring rubbing & polishing etc complete in/c the cost of mortar 1" thick (R/A approved).	12722.00	301.00	P.Sft	3,829,322.00

making & Fixing grating in opening in/c fixing in site with Stainless steel bars 3" with 2" circular dia railing at top etc complete (L.Q.R)

	60.00	3500.00	P.Sft	210,000.00
5 Extra cost due to CHEMFIX SBR pre packed water proofing coating system protecting exposed R.C.C structure attack from acidic and sulphate ions. (R.A)	6101.01	350.00	P.Lt.	2,135,354.00

13,251,006.00

PART- B (Marble Tile & Finishing Items)

1 P/F 3/8" thick marble tiles of approved quality and colour and shade 8" x 4" or 6" x 4" in dado skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:3 setting and washing the tiles with white cement slurry cement finishing cleaning and polishing etc complete for new work (S.I.No.68/P-55)	1428.50	186.04	P.sft	265,758.00
2 P/F in position door & windows and ventilators of first class deodar wood frames and 1-3/4" thick commercial ply vaneer shutters of first class deodar skelton (Solid) and commercial ply wood (3 ply) on both Side (S.I.No.51 P-64)	1031.00	1245.96	P.sft	1,284,585.00
3 Laying floor of approved with glazed tile 1/4" in white cement 1:2 over 3/4" thick cement mortar 1:2 complete (S.I.No.24/P-43)	614.00	27678.86	%Sft	169,948.00
4 White glazed tiles 1/4" thick dado jointed in white cement and laid over 1:2 cement sand mortar 3/4" thick in/c finishing (S.I.NO.37/P-45)	1750.00	28253.61	%Sft	494,438.00

2,214,729.00

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PART- C (STEEL WORK)

1 Fabrication of Tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastening including cost of binding wire (also includes removal of rust from bars. (S.I.No. 7(b)/C-4)	1671.69	5001.70	P.Cwt	8,361,292.00
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8,361,292.00

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Contractor Signature

EXECUTIVE ENGINEER
EDUCATION WORKS DIVISION-II
EDUCATION & LITERACY DEPARTMENT
GOVT. OF SINDH KARACHI.

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

OF WORK:-

RECONSTRUCTION OF PRIMARY SCHOOL AND SECONDARY SCHOOL OF P.A.F BASE KORANGI CREAK OF SINDH GOVERNMENT SCHOOLS BASE KARACHI (GIRLS) (A.D.P NO.222 / 295 2016-17) (GOVT: GIRLS SECONDARY SCHOOL)

S.No.	Description.	Qty	Rate	Unit	Amount.
1	Providing & fixing squatting type white Glazed of flushing cistern with internal fitting and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connections & making good in cement concrete 1:2:4 (a) W.C pan of non less than 23" clear opening between flashing rims and 3 gallons flushing tank with 4" dia C.I. traps (Foreign Quality)(S.I.No.2-A P-1)	8.00	5772.80	Each	46,182.40
2	P/F European white glazed earthen ware wash down W.C pan complete with and in/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 flugh bend 3/4" dia and making requisite No. of hole in walls plinth and floor for pipe connection and making good in cement concerte 1:2:4 (Standard Pattern) (S.I.No.5 P-2)	4.00	11477.40	Each	45,909.60
3	Providing and fixing 22"x16" lavatory basin white glazed earthen ware complete with & I/c the cost of W.I. or C.I. Cantilover bracktes 6" inches built into walls, painted white in two coats after a primary coat of red lead paint a pair of 1/2" dia chrome plate pillar taps 1-1/2" rubber plug and chrome plated brass chain 1-1/4" dia malloable iron or cp brass trapsmalloable iron or brass union and making requisite number of holes inwalls, plinth and floor for pipe connection and making good in cement concrete 1:2:4. (Standard Patterns).(S.I.No: 12/P-4)	6.00	4694.80	Each	28,168.80
4	Add Extra labour for providing and Fixing of earthen ware pedestal white or coloured glazed (Standard Patterns) (S.I.No:9 /P-3)	6.00	938.47	Each	5,630.82
5	P/F steel sink stainless local make complete with cast iron wrought iron brackets 6 inches built in wall 1-1/2" C.P rubber plug chrome Plates brass chain 1-1/2" C.P brass waste with 1-1/2"PVC waste pipe connection & making good in cement concrete 1:2:4 steel sink stailless sized 33" x 18"local make (Standard pattern) (S.I.No.19-C P-6)	1.00	5712.30	Each	5,712.30
6	Providing and fixing in position nyloon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining to nyloon connection (S.I.No: 23/P-6)	28.00	447.15	Each	12,520.20
7	S/Fixing C.P Muslim Shower with Crystal head etc complete (S.I.No.19-B P-19).	6.00	3432.00	Each	20,592.00
8	S/Fixing Jet Shower with rod of superior quality single C.P head 1/2" dia (S.I.No.15 P-19)	6.00	1142.24	Each	6,853.44

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

	28.00	2042.43	Each	57,188.04
10 Supplying and fixing bib cock of Superior Quality with c.p. head 1/2" dia. (S.I.No: 1.B/P-16)	28.00	337.92	Each	9,461.76
11 S/Fixing in position brass stop cocks standard patterns 1/2" dia (S.I.No.1.B P-16)	28.00	337.92	Each	9,461.76
12 S/Fixing in long bib cocks of crystal head with 1/2" dia (S.I.No.13.B P-19)	28.00	1384.24	Each	38,758.72
13 Providing chambers 15"x9" (inside dimensions) x24" 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 C.M.to all inside wall surface and to top, 1" thick C. C. 1:2:4 flooring complete with hinged cast iron cover and frame 15"x9" (inside) clear opening (Wt.1Qr) etc fixed in C. C 1:2:4 including curing, excavation, back filling and disposal of surplus earth etc complete.(S.I.No.2 P-20)	14.00	5913.22	Each	82,785.08
14 Construction of main hole or inspection chamber for there or required dia circular sewer and 3'x6' depth walls B.B in cement plaster 1:3 1/2" thick in site of walls and 1" (25mm) thick over benching and channel and l/c fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embedded in plinth C.C 1:2:4 and fixing 1 (25mm) dia M.S step 6" (150 MM) wide projecting 4 (102mm) from the face of wall at 12" (305mm) C.C dully painted etc complete as per specification and drawing No D.P -1 of Public Health Circular Southern Zone. A) 4" to 12" dia 2' x 2' x 3'-6"	5.00	14748.00	Each	73,740.00
15 P/F full way gun metal valves wheels threaded or flaged ends with rubber washer standard Patterns (S.I.No.4-1 P-17)				
1/2" dia	5.00	161.92	Each	809.60
3/4" dia	5.00	227.92	Each	1,139.60
16 Providing and fixing 15"x12" beveled edge minor of belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden plate Superior Quality.(S.I.No: 4/b/P-7)	6.00	2047.76	Each	12,286.56
17 S/F soap tray earthenware C.P screw etc complete (S.I.NO.5 P-8)	6.00	497.20	Each	2,983.20
18 P/F chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long C.P brass screw 3/4" round or square (Super Quality) (S.I.No.1 (iib) P-7) Towel rail 24" long	6.00	972.95	Each	5,837.70
19 Providing & Fixing handle valves (China) (S.I.NO.5 P-17).				
1/2" dia	5.00	200.42	Each	1,002.10
3/4" dia	5.00	271.92	Each	1,359.60
1" dia	5.00	365.42	Each	1,827.10

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...ing fibre Glass Tank of approved quality and design and wall
thickness as specified in/c cost of nuts bolts and fixing in plateform of
cement concrete 1:3:6 and make in connections for in-let & out-let &
over flow pipe etc complete.

1.00 37505.42 Each 37,505.42

Schedule Total:- 507,715.80

%Above / Below

Contractor Signature

R.A ITEMS

- 21 Providing & Fixing **uPVC Pipe** (PAK ARAB or equivalent) Schedule 40 on surface or concealed masonry / Cement Concrte or R.C.C upto required height jointing by using solvent (AGM or equivalent) and making good with C:C in/c curing finishing etc complete. This rate also in/c all kind of labour, material, cartage etc as approved by Engineer Incharge.(R.A)

1/2" dia	150.00	45.00	P.Rft	6,750.00
3/4" dia	200.00	81.00	P.Rft	16,200.00
1" dia	300.00	92.00	P.Rft	27,600.00

- 22 Providing & Fixing **Elbow 90°** (PAK ARAB or equivalent) dia of approved quality and design of various size fixed to uPVC pipe using approved adhensive compound upto required height etc. complete. This rate also in/c all kind of labour, Material, Cartage etc complete as approved by Engineer Incharge

1/2" dia	10.00	64.00	Each	640.00
3/4" dia	12.00	68.00	Each	816.00
1" dia	15.00	140.00	Each	2,100.00

- 23 Providing & Fixing **uPVC Union "Solvent"** (PAK ARAB or equivalent) Schedule 40 make of approved quality and design of various size fixed to uPVC pipe using approved adhensive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

1/2" dia	9.00	351.00	Each	3,159.00
3/4" dia	12.00	463.00	Each	5,556.00
1" dia	15.00	472.00	Each	7,080.00

- 24 Providing & Fixing **uPVC Socket** (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhensive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

1/2" dia	8.00	38.00	Each	304.00
3/4" dia	10.00	45.00	Each	450.00
1" dia	12.00	55.00	Each	660.00

- 25 Providing & Fixing **uPVC TEE** (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhensive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge

2" dia	10.00	110.00	Each	1,100.00
3/4" dia	12.00	140.00	Each	1,680.00
1" dia	15.00	160.00	Each	2,400.00

- 26 Providing & Fixing **uPVC Male Adopter (V Socket)** (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

1/2" dia	5.00	60.00	Each	300.00
3/4" dia	5.00	64.00	Each	320.00
1" dia	5.00	73.00	Each	365.00

- 27 Providing & Fixing **uPVC Reducer Bush** (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

1/2"x 3/4" dia	3.00	89.00	Each	267.00
3/4"x 1" dia	3.00	95.00	Each	285.00

- 28 Providing & Fixing **uPVC Ball Valve** (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

1/2" dia	3.00	660.00	Each	1,980.00
3/4" dia	3.00	0.00	Each	0.00
1" dia	3.00	1,495.00	Each	4,485.00

- 29 Providing & Fixing **uPVC Plastic Clip** (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

1/2" dia	15.00	66.00	Each	990.00
3/4" dia	20.00	72.00	Each	1,440.00
1" dia	25.00	74.00	Each	1,850.00

- 30 Providing & Fixing **uPVC Pipe** (PAK ARAB or equivalent) Schedule 40 on surface and digging the trenches to required depth not less than 12" and fixing in position in/c cutting fitting and jointing using approved solvent (AGM or equivalent) etc complete. This rate also in/c all kind of labour, material, cartage etc as per approved by Engineer Incharge.

3" dia	20.00	109.00	P.Rft	2,180.00
4" dia	80.00	290.00	P.Rft	23,200.00
6" dia	250.00	434.00	P.Rft	108,500.00

Providing & Fixing Elbow 90° (PAK ARAB or equivalent) of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc. complete. This rate also in/c all kind of labour, Material, Cartage etc complete as approved by Engineer Incharge

3" dia	5.00	275.00	Each	1,375.00
4" dia	8.00	370.00	Each	2,960.00
6" dia	10.00	560.00	Each	5,600.00

- 32 Providing & Fixing uPVC TEE (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge

3" dia	5.00	435.00	Each	2,175.00
4" dia	8.00	578.00	Each	4,624.00
6" dia	10.00	960.00	Each	9,600.00

- 33 Providing & Fixing uPVC Socket (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

3" dia	5.00	186.00	Each	930.00
4" dia	5.00	262.00	Each	1,310.00
6" dia	6.00	372.00	Each	2,232.00

- 34 Providing & Fixing uPVC Union "Solvent" (PAK ARAB or equivalent) Schedule 40 make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

3" dia	5.00	2,842.00	Each	14,210.00
4" dia	8.00	4,740.00	Each	37,920.00

- 35 Providing & Fixing uPVC Plastic Clip (PAK ARAB or equivalent) make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge

3" dia	5.00	128.00	Each	640.00
4" dia	5.00	150.00	Each	750.00

- 36 Providing & Fixing uPVC WYE 45° (PAK ARAB or equivalent) Schedule 40 make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

3" dia	10.00	482.00	Each	4,820.00
4" dia	12.00	722.00	Each	8,664.00

Providing & Fixing uPVC "Plug Elbow" (PAK ARAB or equivalent) Schedule 40 make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

3" dia	5.00	320.00	Each	1,600.00
4" dia	5.00	498.00	Each	2,490.00

- 38 Providing & Fixing uPVC "Plug Tee" (PAK ARAB or equivalent) Schedule 40 make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

3" dia	3.00	460.00	Each	1,380.00
4" dia	3.00	690.00	Each	2,070.00


- 39 Providing & Fixing uPVC "P-Trap W/Elbow" 45° (PAK ARAB or equivalent) Schedule 40 make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

3" dia	5.00	490.00	Each	2,450.00
4" dia	5.00	710.00	Each	3,550.00

- 40 Providing & Fixing uPVC "Cowel" (PAK ARAB or equivalent) Schedule 40 make of approved quality and design of various size fixed to uPVC pipe using approved adhesive compound upto required height etc complete. This rate also in/c all kind of labour, material, cartage as approved by Engineer Incharge.

3" dia	2.00	225.00	Each	450.00
4" dia	2.00	285.00	Each	570.00

Non Schedule Item	335,027.00
Total Sch: + Non Sch:	842,742.80


EXECUTIVE ENGINEER
 EDUCATION WORKS DIVISION-II
 EDUCATION & LITERACY DEPARTMENT
 GOVT. OF SINDH KARACHI.