

**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. 3,000/= Vide D.R. No. \_\_\_\_\_, Dated: \_\_\_\_\_

EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION-II  
KARACHI

NAME OF WORK: ESTABLISHMENT OF CADET COLLEGE AT GADAP TOWN KARACHI  
(MOSQUE & IMAM RESIDENCE)

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:

Part-A:	@ _____ (Above / Below),
Part-B:	@ _____ (Above / Below),
Part-C:	@ _____ (Above / Below),
Part-D:	@ _____ (Above / Below),
Part-E:	@ _____ (Above / Below),
Part-F:	@ _____ (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. 18,300,000/=
ii)	Earnest Money 2%	:-	Rs. 366,000/=
iii)	Security Deposit (8%) in/c Earnest Money (2%) Total (10%)	:-	Rs. 1,830,000/=
iv)	Income Tax (7.50%)	:-	Rs. 1,372,500/=
v)	Time allowed for completion of work	:-	06 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.

ix) Schedule-A: Nil  
x) 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**

**NAME OF WORK:-**

**ESTABLISHMENT OF CADET COLLEGE AT GADAP TOWN KARACHI**  
**(ADP. NO. ) (Construction of Mosque and Imam Residence)**

S.No	Description of Item	Qty	Rate	Unit	Amount
1	Excavation in foundation of building bridges and other structure in/c degebillng dressing, refilling around structure with excavated earth watering and ramming lead upto 5ft (b) in ordinary soil (S.I.No.18/P-4)	18826.00	3176.25	%ocft	59,796.00
2	Cutting Hard Rock such as granite ballast hard lime stone or sand stone etc with chisels and hammers for small foundation (S.I.No.19 P-5)	9413.00	28672.05	%ocft	269,890.00
3	Cement Concrete brick or stone ballast 1-1/2" to 2" guage ratio 1:4:8 (S.I.No.4b./P-15)	7331.50	9416.28	%cft	690,355.00
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 1:2:4 90 lbs. (S.I.No. 6(a)/i/C-4)	11561.00	337.00	P.cft	3,896,057.00
5	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)	1008.00	349.00	P.cft	351,792.00
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)	12550.67	1512.50	%ocft	18,983.00
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)	15750.00	3630.00	%ocft	57,173.00
10	Errection and removal of centering for R.C.C or plain cement concrete work of deodar wood (2nd class) (S.I.NO.18-P-18) (vertical)	2195.00	3127.41	%cft	68,647.00
11	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)/P-16)	638.00	12595.00	%cft	80,356.00
12	P/L 1:3:6 cement concrete solid block masonry set in 1:6 cement sand mortar in plinth and foundation in/c racking out joint curing etc complete (S.I.No.22/P-19).	136.00	14268.53	%cft	19,405.00

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DEPUTY SECRETARY  
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13	P/L 1:3:6 cement concrete solid block masonry wall 6" above in thickness set in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.No.23/P-19)	4048.00	14621.44	%cft	591,876.00
14	P/L 1:3:6 cement concrete solid block masonry wall 6" below in thickness set in 1:6 cement mortar in G.Floor Super structure in/c racking out joint and curing etc complete (S.I.No.24/P-19)	559.00	15771.01	%cft	88,160.00
15	Cement plaster 1:4 upto 12' height 3/4" thick (S.I.No.11-C P-52)				
	<b>Block Masonry</b>	24649.00	3191.76	%sft	786,737.00
16	Extra Labour for Cement Plaster for 24' Height. Upto 13% on Labour Rate.				
	<b>13% from 13' to 24' Height</b>	1749.00	416.24	%sft	7,280.00
21	Teak wood wrought framed and fixed in place in/c chowkhats hold fasts tower bolts, chock, cleats, handles cord with hooks and cost of nail and screws etc b) Paneled or pannelled and glazed or fully glazed 1-3/4" thick (S.I.No.3 P-57)	168.00	2430.14	P.sft	408,264.00
23	P/F with sunk iron screws wooden Architrave approved design / shape having width not less than 2-1/2 inches as directed by Engineer Incharge (S.I.No.60 /P-66)	512.00	49.97	P.Rft	25,585.00
30	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)	4370.00	3275.50	%Sft	143,139.00
32	Primary Coat of chalk under distemper (S.I.No.23/C-9)	4363.00	442.75	%Sft	19,317.00
33	Distemping three coats (S.I.No.24C C-9)	4363.00	1079.65	%Sft	47,105.00
34	Preparing the surface and painting with matt finish in/c rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zink / chalk /plaster of paris mixture , applying first coat premix making the surface smooth and then painting 3 coats with matt finish of approved make etc complete (New surface)(S.I.No.36-A P-55)	11289.00	3444.38	%Sft	388,836.00
35	Preparing the surface and painting with weather coat in/c rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make (S.I.No.38A,P-56).	8942.00	2567.95	%Sft	229,626.00
36	Painting new surface © Preparing surface and painting of doors and windows any type (in/c edges) (I&II) 3 coats (S.I.No.50/I&iiC-11)	1034.00	2116.41	%Sft	21,884.00
37	French polishing complete a) on new work (S.I.No.7,P-77)	384.00	3841.75	%Sft	14,752.00



Reinforced cement concrete spout in/c fixing in position 2-1/2 x 6"x 5" (S.I.No.14 P-18)

20.00 261.25 Each 5,225.00

**Total Rs:- 8,290,240.00**

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Contractor Signature

### NON SCHEDULE ITEM

- 1 Carriage of 100 Cft 5 Tons of all materials like stone aggregate, Spawl, coal, lime surkhi etc. B.G rail fastening points and crossing bridges Girders, Pipes, Sheets rail, M.S barsetc 1000 Nos. of 10" x 5" x 3" or 1000 Nos. tiles 12" x 6" x 2" or 150 Cft of timber or 100 Maunds of fuel wood by trucks or any other means owned by the contractors. (S.I.No.1Page-2 Carriage of Materials Vol:-1 Part-1 Sixth Edition 2011) (15 Miles).

15750.00 1065.00 %Cft 167,738.00

- 2 P/F Lime stone tiles 12" x 6" of approved quality on wall of floor as well as facing jointed in white cement & pigment over a base of 1:2 grey of joints with slurry of white cement & pigment in desired shap with finshing cleaning in/c cutting tiles to proper profile upto 20ft height as per instruction of the Engineer Incharge rate in/s all cost of labour & material etc complete (R.A)

731.00 237.00 P.Sft 173,247.00

- 3 Providing & Fixing Laminated Lasani Almirah 3/4" thick in/c boxing with back shelves shutters brass fitting etc complete (R/A)

200.00 1719.00 P.Sft 343,800.00

- 4 Providing & laying granite stone prepolished of size 2' x 2' or 3'x 3' on floor or walls in required shape colour and patterns in white cement and pigment over base of 1:2 grey cement mortar 3/4" thick in/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and coat of wax polish in/c half round edges etc complete and directed by D.O Incharge

173.00 850.00 P.Sft 147,050.00

- 5 P/L Porcelene tiles & glazed & polished 24" x 24" x 5/16" on floor or wall facing in required colour & pattern in white cement & pigment over a base of 1:2 grey cement mortar 3/4" thick in/c washing & filling of joints with slurry of white cement & pigment in desired shape with finishing cleaning & coat of wax polish etc complete in/c cutting tiles to proper profile (R.A.approved)

3042.00 262.00 P.Sft 797,266.00

**Total Rs:- 1,629,101.00**

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Contractor Signature

**SCHEDULE ITEM 20% BELOW**

1	S/F in position Aluminium Channels framing for slidding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) & Aluminium fly screen in/c handles stopper & locking arrangement etc complete. B) Deluxe model (Bronze) (S.I.No.84/P-108).	488.00	1647.69	P.sft	804,073.00
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. P-5 )	517.00	875.13	P.sft	452,442.00
3	Laying white marble flooring fine dressed in the surface without winding set in lime mortar 1:2 in/c rubbing & polishing of the joints 3/4" thick flooring (S.I.No.28 P-49).	2633.00	567.48	P.Sft	1,494,175.00
4	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)	599.00	27678.86	%Sft	165,796.00
5	Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick in/c finishing (S.I.No.38 P-45)	680.00	28299.30	%Sft	192,435.00
<b>Total Rs:-</b>					<b>3,108,921.00</b>

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Contractor Signature

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**PAFTSMAN**  
Education Division-II

**SCHEDULE ITEM 10% ABOVE**

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)				
	<b>Tor Steel</b>	673.34	5001.70	P.cwt	3,367,845.00
2	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for doors using 20 gauge 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 making and fixing.(S.I.No: 29/P-93)	529.00	228.90	P.Rft	121,088.00
3	P/F G.I frames / Chowkats of size 7"x2" or 4-1/2" x 3" for windows & vent. using 20 gauge 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 making and fixing.(S.I.No: 28/P-93)	144.00	240.50	P.Rft	34,632.00
4	S/F in position iron / steel grill of 3/4" x 1/4" size flate iron of approved design in/c painting 3 coats etc complete (wt. not less then 3.7lbs of finsiing grill) (RA)	364.00	180.50	P.Sft	65,702.00

P/F collapsible gate with channel framing of section 3/4" x 5/16" at 4" in/c revitted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top & bottom T-Section 1" x 1" 1/8" along with rollers also in/c locking arrangement and fixing in floor / ceiling or wall etc complete. (S.I.No.32/P-94)

60.00

387.04

P.Sft

23,222.00

Total Rs:-

3,612,489.00

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**DRAFTSMAN**  
**Education: Division-II**

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Contractor Signature

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

# **PART-B WATER SUPPLY & SANITARY FITTING**

AME OF WORK:-

**ESTABLISHMENT OF CADET COLLEGE AT GADAP TOWN  
KARACHI (ADP. NO. ) (Construction of Mosque and Imam  
Residence)**

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)	6.00	5772.80	Each	34,636.80
2	P/F European white glazed earthen ware wash down W.C pan complete with and in/c the cost of white / black plastic sea (best quality) and laid with C.P brass hinges & buffers 3 gallons white glazed earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia and making requisite No. of holes in walls plinth & floor for pipe connection and making good in cement concrete (Foreign quality) (S.I.No.5 P-2)	4.00	11477.40	Each	45,909.60
2	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 piller 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	4.00	4694.80	Each	18,779.20
3	Add Extra labour for providing and Fixing of earthen ware pedestal white or coloured glazed (Standard Patterns)	4.00	938.47	Each	3,753.88
4	P/F steel sinks stainless local make complete with cast iron wrught iron brackets 6 inches built in wall. 1-1/2" C.P rubber plug chrome plated brass chain. 1-1/2" C.P brass waste, with 1-1/2" PVC waste pipe & making requisite No. of Hole in wall & plinth & floor for pipe connection & making good in cement concrete 1:2:4 c) Steel sink stainless sized 33" x 18" local make	2.00	5712.30	Each	11,424.60
5	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 I/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:	50.00	2042.43	Each	102,121.50
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)	50.00	447.15	Each	22,357.50
7	Supplying and fixing bib cock of Superior Quality with c.p. head 1/2" dia. (S.I.No: 1.B/P-16)	24.00	337.92	Each	8,110.08
8	S/Fixing in position brass stop cocks standard patterns 1/2" dia (S.I.No.1.B P-16)	8.00	337.92	Each	2,703.36
9	S/Fixing in long bib cocks of crystal head with 1/2" dia (S.I.No.13.B P-19)	12.00	1384.24	Each	16,610.88



0	S/Fixing wash basin mixture of superior quality with C.P head 1/2" dia (S.I.No.14-B P-19)	6.00	3179.00	Each	19,074.00
11	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	12.00	5913.22	Each	70,958.64
12	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 1/c fixing C.I main hole cover with frame of clear opening 1-1/2 (457x 457mm) of 1.75 Cwt (88.9 KG) embeded 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.	5.00	14748.00	Each	73,740.00
13	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)	4.00	2047.76	Each	8,191.04
14	S/F soap tray earthenware C.P screw etc complete (S.I.NO.5 P-8)	4.00	497.20	Each	1,988.80
15	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 (iiib) P-7) Towel	4.00	972.95	Each	3,891.80
<b>Total Rs:-</b>					<b>444,251.68</b>

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Contractor Signature

#### NON SCHEDULE ITEM W.S & SANITARY FITTING

- 16 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	200.00	45.00	P.Rft	9,000.00
3/4" dia	150.00	58.00	P.Rft	8,700.00
1" dia	100.00	92.00	P.Rft	9,200.00

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**TSMAN**  
Education Division-II



17	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	20.00	55.00	Each	1,100.00
	3/4" dia	10.00	68.00	Each	680.00
	1" dia	5.00	140.00	Each	700.00
18	Providing & Fixing uPVC Union "Solvent" (PAK ARAB or equavelent) 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	15.00	350.86	Each	5,263.00
	3/4" dia	10.00	381.17	Each	3,812.00
	1" dia	5.00	471.86	Each	2,359.00
19	Providing & Fixing uPVC Socket (PAK ARAB or equavelent) 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	15.00	38.00	Each	570.00
	3/4" dia	10.00	46.00	Each	460.00
	1" dia	5.00	55.00	Each	275.00
20	Providing & Fixing uPVC TEE (PAK ARAB or equavelent) 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	15.00	109.67	Each	1,645.00
	3/4" dia	10.00	136.30	Each	1,363.00
	1" dia	5.00	160.49	Each	802.00
23	Providing & Fixing uPVC Ball Valve (Solvent) (PAK ARAB or equavelent) 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	10.00	390.00	Each	3,900.00
	3/4" dia	8.00	573.00	Each	4,584.00
	1" dia	5.00	615.00	Each	3,075.00
24	Providing & Fixing uPVC Plastic Clip (PAK ARAB or equavelent) 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	20.00	66.00	Each	1,320.00
	3/4" dia	10.00	72.00	Each	720.00
	1" dia	5.00	74.00	Each	370.00
25	Providing & Fixing uPVC Pipe (PAK ARAB or equivalent) Schedule 40 on surface and digging the trenches to required depth not less then 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	100.00	109.67	P.Rft	10,967.00

	4" dia	125.00	290.00	P.Rft	36,250.00
	6" dia	100.00	434.00	P.Rft	43,400.00
	8" dia	150.00	737.00	P.Rft	110,550.00
26	Providing & Fixing <b>Elbow 90°</b> (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	15.00	275.00	Each	4,125.00
	4" dia	20.00	370.00	Each	7,400.00
	6" dia	15.00	560.00	Each	8,400.00
	8" dia	10.00	740.00	Each	7,400.00
27	Providing & Fixing <b>uPVC TEE</b> (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	15.00	435.00	Each	6,525.00
	4" dia	20.00	578.00	Each	11,560.00
	6" dia	15.00	960.00	Each	14,400.00
	8" dia	10.00	1,156.00	Each	11,560.00
28	Providing & Fixing <b>uPVC Socket</b> (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	15.00	186.00	Each	2,790.00
	4" dia	20.00	262.00	Each	5,240.00
	6" dia	15.00	372.00	Each	5,580.00
	8" dia	8.00	640.00	Each	5,120.00
29	Providing & Fixing <b>uPVC Union "Solvent"</b> (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	15.00	2,842.00	Each	42,630.00
	4" dia	20.00	4,740.00	Each	94,800.00
30	Providing & Fixing <b>uPVC Plastic Clip</b> (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	25.00	128.00	Each	3,200.00
	4" dia	5.00	150.00	Each	750.00
31	Providing & Fixing <b>uPVC WYE 45°</b> (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	15.00	482.00	Each	7,230.00
	4" dia	25.00	722.00	Each	18,050.00

- 2 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	10.00	320.00	Each	3,200.00
4" dia	15.00	498.00	Each	7,470.00

- 33 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	8.00	320.00	Each	2,560.00
4" dia	9.00	498.00	Each	4,482.00

- 34 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	10.00	460.00	Each	4,600.00
4" dia	20.00	690.00	Each	13,800.00


- 35 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	10.00	225.00	Each	2,250.00
4" dia	5.00	285.00	Each	1,425.00

**CHECKED**  
**DRAFTSMAN**  
**Education Division-II**

Total Rs:-

557,612.00

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