

**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
(TELEPHONE EXCHANGE REMAINING WORK)

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. 750,000/=
ii)	Earnest Money 2%	:-	Rs. 15,000/=
iii)	Security Deposit (8%) in/c Earnest Money (2%) Total (10%)	:-	Rs. 75,000/=
iv)	Income Tax (7.50%)	:-	Rs. 56,250/=
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.

xv) Schedule-A: Nil
xvi) 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 (Telephone
Exchange, Remaining Work)

S.No.	Description	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)	288.00	3176.25	%Ocft	915.00
2	Cement concrete brick or stone ballast 1.5" to 2" gauge (d) Ratio 1:4:8. (S.I.No. 4(d)/C-4)	72.00	9416.28	%Cft	6,780.00
3	Erection and removal of centering for Reinforced or Plain cement concrete works of Partial wood (2nd class). (a) Vertical.(S.I.No. 18(a)/C-4)	726.00	3127.41	%Cft	22,705.00
4	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)	121.61	12595.00	%Cft	15,317.00
5	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)	864.00	3630.00	%ocft	3,136.00
6	P/L 1:3:6 solid block masonry wall 6" below set in 1:6 cement mortor in ground floor super structure I/c raking out jointis etc complete. S.I.No: 24/P-19)	108.00	15771.01	%Cft	17,033.00
7	Cement plaster 1:4 upto 20' height 3/4" thick (S.I.No.11-d P-52)	2354.00	3191.76	%sft	75,134.00
8	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)	622.00	3275.50	%sft	20,374.00
9	Reinforced cement concrete spout in/c fixing in position 2-1/2 x 6"x 5" (S.I.No.14 P-18)	5.00	261.25	Each	1,306.00
10	Two coats of bitumen (aid hot using 34 lbs for % Sft over roof and blinded with sand @ 1 Cft per % Sft (S.I.No. 13/P-55)	406.00	1887.40	%sft	7,663.00
11	Primary Coat of chalk under distemper (S.I.No.23/P-23)	264.00	442.75	%sft	1,169.00
12	Distempering three coats (S.I.No.24© P-54)	264.00	1079.65	%sft	2,850.00
13	Preparing the surface and painting with matt finish in/c rubbing the surface with bathy (silicon carbide rubbng 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)	590.00	3444.38	%sft	20,322.00

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S.No.	Description	Qty	Rate	Unit	Amount.
14	Preparing the surface and painting with weather coat in/c rubbing the surface with rubbing brick / sand paer filling the voids with chalk / plaster of paris and then painting with weather coat of approved make (S.I.No.38A P-56).	180.00	2567.95	%sft	4,622.00
15	French polishing complete a) on new work (S.I.No.7 P-71)	120.00	3841.75	%sft	4,610.00
16	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).	120.00	49.97	P.Sft	5,996.00
17	Providing anti termite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as on overall pre-construction treatment in slab type construction along external foundation trenches of the building over complete premier of the foundation trench etc as per direction of Engineer Incharge. (S.I.No:- 91/P-109)	72.00	40.10	P.Sft	2,887.00
18	Providing anti termite treatment by spraying / sprinkling / spreading Neptachler 0.5% Emulsion as on overall pre-construction treatment in slab type construction under the slab and along attache perches or entrances etc complete as per direction of ngineer Incharge. (S.I.No:- 92/P-109)	264.00	9.74	P.Sft	2,571.00

Total Rs:-

215,391.00

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NON SCHEDULE ITEM

1	Carriageb 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) (30 Miles).	864.00	1065.00	%cft	9,202.00
2	P/F floor for Marble tile of China, Verona of Badal Block (12" x 12") fine dressed on the surface without winding in ground floor laid 1" thick (Average) lime mortor 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 mortor 1" thick (R/A approved).	339.00	301.00	P.Sft	102,039.00

Total Rs:-

111,241.00

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Contrcator Signature

S.No.	Description	Qty	Rate	Unit	Amount.
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SCHEDULE ITEM 20% ABOVE

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 mortor 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-49)	73.00	186.04	P.Sft	13,581.00
2	S/F in position Aluminium Channels framing for sliding windows & ventilators of Aleop 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).	120.00	1647.69	P.Sft	197,723.00
3	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)	60.00	875.13	P.Sft	52,508.00
Total Rs:-					263,812.00

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Contractor Signature

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SCHEDULE ITEM 10% ABOVE

1	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 finsihing grill) (S.I.NO.26 /P-93)	120.00	180.50	P.Sft	21,660.00
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/C17)	33.00	228.90	P.Rft	7,554.00
Total Rs:-					29,214.00

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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)

E OF WORK:-

ESTABLISHMENT OF CADET COLLEGE AT GADAP TOWN (Telephone Exchange, Remaining Work)

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)	1.00	5772.80	Each	5,772.80
2	Providing and fixing 22"x16" lavatory basin white glazed earthen ware complete with & 1/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 malleable iron or cp brass trapsmalleable 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:	2.00	4694.80	Each	9,389.60
5	Add Extra labour for providing and Fixing of earthen ware pedestal white or coloured glazed (Standard Patterns) (S.I.No:9 /P-3)	2.00	938.47	Each	1,877.00
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)	5.00	447.15	Each	2,235.75
7	Supplying and fixing bib cock of Superior Quality with c.p. head 1/2" dia. (S.I.No: 1.B/P-16)	2.00	337.92	Each	675.84
8	S/Fixing in long bib cocks of crystal head with 1/2" dia (S.I.No.13.B P-19)	2.00	1384.24	Each	2,768.48
9	S/Fixing C.P Muslim Shower with Crystal head etc complete (S.I.No.19-B P-19)	2.00	3432.00	Each	6,864.00
10	S/Fixing in position brass stop cocks standard patterns 1/2" dia (S.I.No.1.B P-16)	2.00	337.92	Each	675.84
11	Supplying & Fixing Wash Basin Mixture of superior quality with C.P head 1/2" dia (S.I.No.14-BP-19)	1.00	3179.00	Each	3,179.00
12	S/Fixing Jet Shower with rod of superior quality single C.P head 1/2" dia (S.I.No.15 P-19)	1.00	1142.24	Each	1,142.24
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)	1.00	2047.76	Each	2,047.76
14	S/F soap tray earthenware C.P screw etc complete (S.I.NO.5 P-8)	1.00	497.20	Each	497.20

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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 rail 24" long

	1.00	972.95	Each	972.95	
16	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: 20/P-6)				
	5.00	2042.43	Each	10,212.00	
17	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)				
	2.00	5913.22	Each	11,826.44	
18	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 I/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.				
	A) 4" to 12" dia 2' x 2' x 3'-6"	1	14748.00	Each	14,748.00
20	P/Fixing full way gun metal valves with wheels threaded or flaged ends with rubber washers standard pattern 9S.I.No.4-I P-17)				
	1/2" dia	2.00	161.92	Each	323.84
	3/4" dia	2.00	227.92	Each	455.84
21	Providing & Fixing handle valves (China) (S.I.NO.5 P-17).				
	1/2" dia	2.00	200.42	Each	400.84
	3/4" dia	2.00	271.92	Each	543.84
	1" dia	2.00	365.42	Each	730.84
Total Rs:-				77,340.10	

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NON SCHEDULE ITEM W.S & S/FITTING

- 22 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	50.00	45.00	P.Rft	2,250.00
3/4" dia	15.00	58.90	P.Rft	884.00

	" dia	20.00	92.00	P.Rfi	1,840.00
	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	2.00	55.00	Each	110.00
	3/4" dia	2.00	76.00	Each	152.00
	1" dia	2.00	140.00	Each	280.00
24	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	2.00	350.86	Each	702.00
	3/4" dia	2.00	381.17	Each	762.00
	1" dia	2.00	471.86	Each	944.00
25	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	5.00	38.00	Each	190.00
	3/4" dia	2.00	46.00	Each	92.00
	1" dia	2.00	55.00	Each	110.00
26	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				
	1/2" dia	2.00	109.67	Each	219.00
	3/4" dia	2.00	136.30	Each	273.00
	1" dia	2.00	160.49	Each	321.00
27	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	2.00	390.00	Each	780.00
	3/4" dia	2.00	573.00	Each	1,146.00
	1" dia	2.00	615.00	Each	1,230.00
28	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	5.00	66.00	Each	330.00
	3/4" dia	5.00	72.00	Each	360.00
	1" dia	5.00	74.00	Each	370.00

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dia	10.00	109.00	P.Rft	1,090.00
4" dia	10.00	290.00	P.Rft	2,900.00
6" dia	20.00	434.00	P.Rft	8,680.00
8" dia	20.00	737.00	P.Rft	14,740.00
40 Providing & Fixing Elbow 90° (PAK ARAB or equivalent) 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				
3" dia	2.00	275.00	Each	550.00
4" dia	2.00	370.00	Each	740.00
6" dia	2.00	560.00	Each	1,120.00
8" dia	2.00	740.00	Each	1,480.00
41 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				
3" dia	3.00	435.00	Each	1,305.00
6" dia	3.00	960.00	Each	2,880.00
8" dia	3.00	1,156.00	Each	3,468.00
42 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 adhensive 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	320.00	Each	640.00
4" dia	2.00	498.00	Each	996.00
6" dia	2.00	747.00	Each	1,494.00

Total Rs:-

54,878.00

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