

**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
(STAFF CLUB 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. 4,300,000/=
ii)	Earnest Money 2%	:-	Rs. 86,000/=
iii)	Security Deposit (8%) in/c Earnest Money (2%) Total (10%)	:-	Rs. 430,000/=
iv)	Income Tax (7.50%)	:-	Rs. 322,500/=
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.

vii) Schedule-A: Nil
viii) 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 (Staff Club, Remianing 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)	920.00	3176.25	%Ocft	2,922.00
2	Cement concrete brick or stone ballast 1.5" to 2" gauge (d) Ratio 1:4:8. (S.I.No. 4(d)/C-4)	575.00	9416.28	%Cft	54,144.00
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)	1813.00	3127.41	%Cft	56,700.00
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)	571.00	12595.00	%Cft	71,917.00
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)	1438.00	3630.00	%Ocft	5,220.00
6	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(b)/i/C-4)	273.00	337.00	P.Cft	92,001.00
7	Cement plaster 1:4 upto 20' height 3/4" thick (S.I.No.11-d P-52)	13796.00	3191.76	%sft	440,335.00
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)	3503.00	3275.50	%sft	114,741.00
9	Reinforced cement concrete spout in/c fixing in position 2-1/2 x 6"x 5" (S.I.No.14)	10.00	261.50	Each	2,615.00
10	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-35)	5625.00	1887.40	%sft	106,166.00
11	Primary Coat of chalk under distemper (S.I.No.23/P-23)	2367.00	442.75	%sft	10,480.00
12	Distemping three coats (S.I.No.24© P-54)	2367.00	1079.65	%sft	25,555.00
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)				

S.No.	Description	Qty	Rate	Unit	Amount.
		8266.00	3444.38	%sft	284,712.00
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).				
		5267.00	2567.95	%sft	135,254.00
15	French polishing complete a) on new work (S.I.No.7 P-71)				
		756.00	3841.75	%sft	29,044.00
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).				
		1071.00	49.97	P.Sft	53,518.00
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)				
		230.00	40.10	P.Rft	9,223.00
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)				
		2367.00	9.74	P.Sft	23,055.00
Total Rs:-					1,517,602.00

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Contractor Signature

NON SCHEDULE ITEM

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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).	1438.00	1065.00	%cft	15,315.00
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 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).	2635.00	301.00	P.Sft	793,135.00
3	P/F Both sides Laminated Lasani Kitchen cabinate 3/4" thick in/c boxing with back shelves shutters S.S fitting etc complete (R.A).	87.00	1649.00	P.Sft	143,463.00

S.No.	Description	Qty	Rate	Unit	Amount.
4	Providing & Fixing of stainless steel pipe railing required design using 2" dia Horz: pipe in/c reveititing complete (R.A.Approved).	30.00	3500.00	P.Sft	105,000.00
					1,056,913.00

SCHEDULE ITEM 20% BELOW

1	Laying floor of approved with glazed tile 1/4" in white cement 1:2 over 3/4" thick cement mortor 1:2 complete (S.I.No.24/P-43)	230.00	27678.86	P.Sft	63,661.00
2	Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortor 3/4" thick in/c finishing (S.I.No.38 P-45)	547.00	28299.30	%sft	154,797.00
3	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)	372.00	186.04	P.Sft	69,207.00
4	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).	263.00	1647.69	P.Sft	433,342.00
5	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)	378.00	875.13	P.Sft	330,799.00
					1,051,806.00

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Contractor Signature

SCHEDULE ITEM 10% ABOVE ON STEEL

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. (9/Chapter-4)	14.63	5001.70	P.Cwt	73,175.00
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)	306.00	228.90	P.Rft	70,043.00

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 Education Division-II

S.No.	Description	Qty	Rate	Unit	Amount.
3	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)	263.00	180.50	P.Sft	47,472.00

190,690.00

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Contractor Signature

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

PART-B (W/S & S/F)
ESTABLISHMENT OF CADET COLLEGE AT GADAP TOWN
(Staff Club, Remianing Work)

IE OF 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)	2.00	5772.80	Each	11,545.60
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 (Foreign Quality)(S.I.No.5 P-2)	2.00	11477.40	Each	22,954.80
3	Providing and fixing 22"x16" lavatory basin white glazed earthen ware complete with & l/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)	4.00	4694.80	Each	18,779.20
4	P/F steel stainless local make comlete with cast iron wrought iron brackets 6 inches built in wall 1-1/2" rubber plug chrome brass chain 1-1/2" C.P brass waste with 1-1/2" plate PVC waste pipe and making requisit No. holes in walls & plinth and floor for pipe connection and making good in cement concrete 1:2:4 (steel sink stainless sized 40" x 20" local making (standard pattern). (S.I.No.19a P-5).	1.00	1714.35	Each	1,714.35
5	Add Extra labour for providing and Fixing of earthen ware pedestal white or coloured glazed (Standard Patterns) (S.I.No:9 /P-3)	4.00	938.47	Each	3,754.00
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)	10.00	447.15	Each	4,471.50
7	Supplying and fixing bib cock of Superior Quality with c.p. head 1/2" dia. (S.I.No: 1.B/P-16)	4.00	337.92	Each	1,351.68
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)	10.00	337.92	Each	3,379.20

	applying & Fixing Wash Basin Mixture of superior quality with C.P head 1/2" dia (S.I.No.14-BP-19)	4.00	3179.00	Each	12,716.00
2	S/Fixing Jet Shower with rod of superior quality single C.P head 1/2" dia (S.I.No.15 P-19)	2.00	1142.24	Each	2,284.48
13	Providing and fixing 15"x12" beveled edge mirror 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 (iib) P-7) Towel rail 24" long	4.00	972.95	Each	3,891.80
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)	10.00	2042.43	Each	20,424.00
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)	5.00	5913.22	Each	29,566.10
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"	5	14748.00	Each	73,740.00
19	Construction Mainhole for the required dia of circular sewer and 7' - 9" Depth 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 in/c fixing C.I manhole cover with frame of clear opening 2' x 2' (610 x 610mm) of 4.5 cwt embeded in plain C:C 1:2:4 and twom way rainforced 6" thickness in/c fixing 1" (25 mm) dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc complete as per standard specification and drawing. (S.I.No.2 P/-47 PBHSch:)				
	4" to 9" dia 4'x 3'x 7'-9"	2.00	42745.00	Each	85,490.00
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	4.00	161.92	Each	647.68
	3/4" dia	4.00	227.92	Each	911.68
21	Providing & Fixing handle valves (China) (S.I.NO.5 P-17).				
	1/2" dia	5.00	200.42	Each	1,002.10

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3/4" dia	5.00	271.92	Each	1,359.60
1" dia	5.00	365.42	Each	1,827.10
				<u>320,263.59</u>

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Contractor Signature

R.A ITEMS

- 22 Providing & Fixing **uPVC Pipe** (PAK ARAB or equivalent) Schedule 40 on surface or concealed masonry / Cement Concrete 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	58.90	P.Rft	11,780.00
1" dia	300.00	92.00	P.Rft	27,600.00

- 23 Providing & Fixing **Elbow 90°** (PAK ARAB or equivalent) dia 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

1/2" dia	4.00	55.00	Each	220.00
3/4" dia	6.00	76.00	Each	456.00
1" dia	8.00	140.00	Each	1,120.00

- 24 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.

1/2" dia	5.00	350.86	Each	1,754.00
3/4" dia	6.00	381.17	Each	2,287.00
1" dia	8.00	471.86	Each	3,775.00

- 25 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

1/2" dia	5.00	38.00	Each	190.00
3/4" dia	6.00	46.00	Each	276.00
1" dia	8.00	55.00	Each	440.00

- 26 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

1/2" dia	4.00	109.67	Each	439.00
3/4" dia	6.00	136.30	Each	818.00
1" dia	8.00	160.49	Each	1,284.00

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Providing & Fixing uPVC Ball Valve (Solvent) (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	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 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	10.00	66.00	Each	660.00
	3/4" dia	15.00	72.00	Each	1,080.00
	1" dia	20.00	74.00	Each	1,480.00
29	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,				
	3" dia	100.00	109.00	P.Rft	10,900.00
	4" dia	50.00	290.00	P.Rft	14,500.00
	6" dia	50.00	434.00	P.Rft	21,700.00
	8" dia	100.00	737.00	P.Rft	73,700.00
30	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	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
31	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	3.00	435.00	Each	1,305.00
	4" dia	58.00	578.00	Each	33,524.00
	6" dia	3.00	960.00	Each	2,880.00
	8" dia	3.00	1,156.00	Each	3,468.00
32	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	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

201,038.00

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