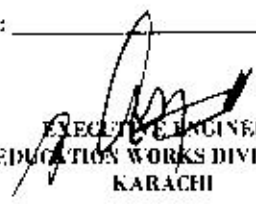


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**OFFICE OF THE EXECUTIVE ENGINEER, EDUCATION WORKS DIVISION-II,  
GOVERNMENT OF SINDH, KARACHI**

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

  
**EXECUTIVE ENGINEER  
EDUCATION WORKS DIVISION-II  
KARACHI**

**NAME OF WORK:** CONSTRUCTION OF BUILDING FOR SHELTERLESS PRIMARY SCHOOLS IN DISTRICT  
MALIR KARACHI (ADP NO. 217 OF 2016-2017) @ GBPS HAKEEM BALOCH GADAP  
TOWN KARACHI

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 underwritten memorandum within the time modified in each memorandum at:

415. Part-A:	@ _____ (Above / Below).
416. Part-B:	@ _____ (Above / Below).
417. Part-C:	@ _____ (Above / Below).
418. Part-D:	@ _____ (Above / Below).
419. Part-E:	@ _____ (Above / Below).
420. Part-F:	@ _____ (Above / Below).
421. Part-G:	@ _____ (Above / Below).
422. Part-H:	@ _____ (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. 2,000,000/=
ii)	Earnest Money 5%	>	Rs. 100,000/=
iii)	Security Deposit (5%) in/c Earnest Money (5%) Total (10%)	>	Rs. 200,000/=
iv)	Income Tax (7.50%)	>	Rs. 150,000/=
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-1, printed tender & this memorandum and shall be base to fill-up & completed the B-1, tender form no. as to complete the agreement. In case of failure, the Department will be at liable to take action against me/us.

cvii) Schedule-A: Nil  
cviii) Schedule-B: Attached herewith

(SIGNATURE OF CONTRACTOR)

# SCHEDULE -B

NAME OF WORK:-

CONSTRUCTION OF BUILDING FOR SHELTERLESS PRIMARY SCHOOLS  
IN DISTRICT MALIR KARACHI AT GBPS HAKEEM BALOUCH GADAP  
TOWN KARACHI (ADP. NO.217 2016-17).

S.No.	Description	Qty	Rate	Unit	Amount.
<b>SCHEDULE ITEM AT PAR</b>					
1	Excavation in foundation of building bridges and other structure in/c degebillig dressing, refilling around structure with excavated earth watering and ramming lead upto 5ft (b) in ordinary soil (S.I.No.18/P-4)	2226.00	3176.25	%cft	7,070.00
2	Cement Concrete brick or stone ballast 1-1/2" to 2" gauge ratio 1:4:8 (S.I.No.4b, P-16)	775.00	9416.28	%cft	72,976.00
3	P1 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.21/P-22).	1537.00	14268.53	%cft	219,307.00
4	P1 1:3:6 cement concrete solid block masonry set in 1:6 cement sand mortar in 6" thick & below in/c racking out joint and curing etc complete (S.I.No.23/P-19)	434.00	15771.01	%cft	68,446.00
5	P1 1:3:6 cement concrete solid block masonry set in 1:6 cement sand mortar in 6" thick & above in/c racking out joint and curing etc complete (S.I.No.22/P-19)	811.00	14621.44	P.cft	118,580.00
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. 60/P-4)	995.00	337.00	P.cft	335,315.00
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.22/P-5)	742.00	1512.50	%cft	1,122.00
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)	2280.00	3630.00	%0Cft	8,276.00
9	P1 2" thick topping cement concrete 1:2:4 in/c surface finishing and dividing into panels panels (S.I.No.16c P-42)	1299.00	3275.50	%cft	42,549.00
10	Cement plaster 1:4 upto 12' height 3/4" thick (S.I.No.11-C P-52)	7277.00	3191.76	%sqft	232,264.00
11	Making Notice Board made with cement (S.I.No.1 P-95)	64.00	58.11	P.sft	3,719.00
12	P1 3" thick topping cement concrete 1:2:4 in/c surface finishing and dividing into panels panels (S.I.No.16c P-46)	938.00	4411.40	%sqft	41,379.00

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Division-II

EDUCATION

S.No.	Description	Qty	Rate	Unit	Amount.
13	White washing three coats (S.I.No.26(b) C-9)				
		1012.00	829.95	%Sft	8,399.00
14	Primary Coat of chalk under distemper (S.I.No.23/C-9)				
		7277.00	442.75	%Sft	32,219.00
15	Distemping three coats (S.I.No.24 C-9)				
		7277.00	1079.65	%sft	78,566.00
16	Painting new surface c. Preparing surface and painting of doors and windows any type (in c edges) (I&II) 3 coats (S.I.No.5 C-I&II C-11)				
		360.00	2116.41	%sft	7,619.00
17	Painting new surface c. preparing surface and painting guard bars gates of iron bars grating railing (in c standard braces etc) & similar opening work. (S.I.No.5d P-76)				
		96.00	1270.83	%sft	1,220.00
_____ % Below / Above			Total Rs:-		<u>1,279,026.00</u>

Contractor Signature

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**Division-II**

SCHEDULE ITEM 20% BELOW

1	P.F. to position door & windows and ventilators of first class teak wood frames and 1-3/4" thick commercial ply veneer shutters of first class deodar skeleton (Hollow) and commercial ply wood (3 ply) on both Side (S.I.No.9 P-65)	71.00	856.53	P.sft	60,814.00
2	First class deodar wood wrought joinery in doors and windows etc fixed in position in c chowkhat hold fasts hinges, iron tower bolts chocks cleuts handles and cords with hooks etc (S.I.No.7 P-65) Only shutters.	68.00	902.93	P.sft	61,399.00
_____ % Below / Above			Total Rs:-		<u>122,213.00</u>


Contractor Signature

SCHEDULE ITEM 10% ABOVE

1	Laboration of Tor steel reinforcement for cement concrete including cutting, bending, tying in position, making joints and fastening including cost of binding wire also includes removal of rust from bars, TOR (S.I.No. 7(b) C-4)	62.18	5001.70	P.cwt	311,006.00
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 be 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 be all carriage tools and plants used making and fixing.(S.I.No: 29/C17)	66.00	228.90	%sft	15,107.00

S.No.	Description	Qty	Rate	Unit	Amount
1	P.T. G.I. frames Chowkats of size 7"x2" or 4-1-2" x 3" for windows & vent. using 20 gauge G.I. sheet i.e. 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.e. all carriage tools and plants used making and fixing. (S.I.No: 29/C17)				
4	M.T. steel grated door with 16" wide sheeting into angle iron frame 3/8" and 3/4" square bars 4" centre to centre with locking arrangement (S.I.No.24 P-97)	168.00	240.50	P.sft	40,404.00
5	ST in position iron steel grill 3-4" x 1-4" size flat iron of approved design i.e. painting 3 coats etc. complete (wt. not less than 3.7lbs of finishing grill) (S.I.No.26 P-97)	48.00	385.76	P.sft	18,516.00
		68.00	180.50	P.sft	12,274.00
_____ % Below / Above		Total Rs:-		<u>397,307.00</u>	

Contractor Signature

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

# **PART B (Sanitary Work) SCHEDULE-B**

**NAME OF WORK:-**

**CONSTRUCTION OF BUILDING FOR SHELTERLESS PRIMARY  
SCHOOLS IN DISTRICT MALIR KARACHI AT GBPS HAKEEM  
BALOUCH GADAP TOWN KARACHI (ADP. NO.217 2016-17).**

S.NO	DESCRIPTION	QNTY	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 flushing rims and 3 gallons flushing tank with 4" dia C.I. traps (S.I.No: 1-a/Chapter-1)	2.00 <u>2.00</u>	5044.60	Each	23,426.00
2	Providing and fixing 24"x18" lavatory basin white glazed earthen ware complete with & be the cost of W.L. 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 chrome plate pillar taps 1-1/2" rubber plug and chrome plated brass chain 1-1/4" dia malleable iron or cp brass trap malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4. (Standard Patterns). (S.I.No: 8/Chapter-1)	1.00 <u>1.00</u>	4253.70	Each	19,330.00
3	Add Extra labour for providing and Fixing of earthen ware pedestal white or coloured glazed (Standard Patterns) (S.I.No: 4/Chapter-1)	3.00 <u>3.00</u>	938.47	Each	2,815.00
4	Supplying and Fixing Swan type pillar cock of superior quality single c.p. head 1/2" dia (S.I.No: 19a/P.16)	2.00	795.30	Each	1,591.00
5	Providing and fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining to nylon connection (S.I.No: 23/Chapter-1)	3.00	447.15	Each	1,341.00
6	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 be 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/Chapter-1)	3.00	2042.43	Each	6127.00
7	Supplying and fixing long bar stop cock of superior quality with c.p. head 1/2" dia. (S.I.No: 13a/Chapter-6)	2.00	1109.46	Each	2,219.00
8	Supplying and Fixing Stop cock of superior quality with c.p. head 1/2" dia (S.I.No: 11a/Chapter-6)	2.00	478.28	Each	957.00
9	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 (W.L.Or) etc fixed in C. C. 1:2:4 including curing, excavation, back filling and disposal of surplus earth etc complete.	2.00	5913.22	Each	11,826.00

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**Education**  
**Division-II**

S.NO.	DESCRIPTION	QNTY	RATE	UNIT	AMOUNT
10	Construction of man 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 1/2" 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 duly painted etc complete as per specification and drawing No DJP -1 of Public Health Circular Southern Zone.	1.00	14748.00	Each	14,748.00
11	Providing & Fixing handle valves (China) (S.L.NO.5 P-17).				
	1/2" dia	1.00	200.42	P.Rft	200.00
	3/4" dia	1.00	271.92	P.Rft	272.00
	1" dia	1.00	365.42	P.Rft	365.00
12	Supplying and fixing Fiber Glass Tank of approved quality & design and wall thickness as specified 1/c cost of nuts, Bolts and fixing in platform of C.C 1:3:6 and making connect on for laid outlet & over flow pipes complete.				
	500 Gallon	1.00	37505.42	Each	37,505.00
					<b>122,722.00</b>

\_\_\_\_\_ % Below / Above

#### Contractor Signature

#### NON SCHEDULE ITEM

- 1 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	20.00	66.00	P.Rft	1,320.00
3/4" dia	50.00	81.00	P.Rft	4,050.00
1" dia	75.00	106.00	P.Rft	7,950.00

- 2 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	1.00	64.00	Each	64.00
3/4" dia	2.00	68.00	Each	136.00
1" dia	3.00	84.00	Each	252.00

- 3 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	2.00	353.00	Each	706.00
3/4" dia	2.00	463.00	Each	926.00
1" dia	2.00	573.00	Each	1,146.00

- 4 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.

1/2" dia	2.00	60.00	Each	120.00
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S.NO.	DESCRIPTION	QNTY	RATE	UNIT	AMOUNT
5	3/4" dia	2.00	63.00	Each	126.00
	1" dia	2.00	73.00	Each	146.00
	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				
6	1/2" dia	2.00	68.00	Each	136.00
	3/4" dia	2.00	77.00	Each	154.00
	1" dia	2.00	90.00	Each	180.00
7	Providing & Fixing uPVC Male Adaptor (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	2.00	60.00	Each	120.00
	1" dia	2.00	73.00	Each	146.00
8	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	5.00	66.00	Each	330.00
	3/4" dia	5.00	72.00	Each	360.00
9	1" dia	5.00	74.00	Each	370.00
	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 (AGNI or equivalent) etc complete. This rate also in/c all kind of labour, material, cartage etc as per approved by Engineer Incharge.				
	3" dia	25.00	391.00	P.Rti	9,775.00
10	4" dia	25.00	430.00	P.Rti	10,750.00
	6" dia	75.00	540.00	P.Rti	40,500.00
11	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	306.00	Each	612.00
	4" dia	2.00	416.00	Each	832.00
12	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	2.00	435.00	Each	870.00
	4" dia	2.00	578.00	Each	1,156.00
13	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	2.00	232.00	Each	464.00
	4" dia	2.00	292.00	Each	584.00

**CHECKED**  
**DRAFTSMAN**  
 Education Division-3

S.NO	DESCRIPTION	QNTY	RATE	UNIT	AMOUNT
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- 12 Providing & Fixing uPVC Union "Solvent" (PAK ARAB or equivalent) Schedule 40 of approved quality and design of various size fixed to uPVC pipe using approved solvent compound upto required height etc complete. This rate includes all kind of labour, material, cartage as approved by Engineer Incharge.

3" dia  
4" dia

2.00	5,033.00	Each	10,066.00
2.00	8,883.00	Each	17,766.00

Non Schedule Item 112,113.00

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