INFRASTRUCTURE DEVELOPMENT & MAINTENANCE WORK AT COE (G) HAFIZABAD. (ORIGINAL WORK)

CONSTRUCTION OF 3X WASHROOMS AND MISSING BOUNDARY WALL (PACKAGE # 1)

DNIT/ B.O.Q

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
A	**Civil Works**						
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)	1237.5	%ocft	9150.25	11323		
2	Cement concrete brick or stone ballast 1 1/2" to 2" guage in foundation and plinth 1:6:12	162	%Cft	21237.25	34404		
3	Pacca brick work in foundation and plinth in: cement Sand Morter 1:6	800.39	%Cft	30229.55	241954		
4	Providing and laying damp proof course of cement concrete 1:2:4 i/c bitumen coating with one coat bitumen and one coat polythene sheet 500 guage 1 1/2" thick.(40mm)	160.39	%sft	8659.85	13890		
5	Pacca Brick work in ground floor cement, sand mortor Ratio 1:5	525	%Cft	33130.10	173933		
6	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- 1:5	851	%Cft	32031.10	272585		
7	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- Ratio 1:3 ,1/2" thick	99	%Sft	5682.05	5625		
8	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast n situ, complete in all respects:-	63.93	P.Cft	553.30	35372		
9	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-	195	%kg	31771.00	61953		
10	Cement pointing struck joints, on walls, upto 20' height ratio 1;2 i/c red oxide pigment.	1198	%Sft	3518.35	42150		
11	Supplying and filling sand under floor; or plugging in wells	29.7	%Cft	2943.30	874		

Sub Engineer (Engg.)
PDS & CEA
Government of Punjab

Scanned with CamScanner

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
12	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gaugemixed with 25% sand.	29.7	%Cft	9023.50	2680		
13	Cement plaster 1:4 upto 20' (6.00 m) height:- 1/2" thick	1275	%Sft	3245.50	41380		
14	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): 1:2;4	12	%Cft	38178.90	4581		
15	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	54	P.Sft	502.20	27119		
16	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	54	P.Sft	402.50	21735		
17	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 20 mm (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware. etc., as approved by the Engineer in-charge.	12	P.Sft	1348.40	16180.8		
18	Distempering new surface three coats.	1275	%Sft	1295.00	16511		
19	Providing and laying superb quality Ceramic tile floors of Master brand of specified size,Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 10"x13"	90	P.Sft	213.60	19224		

Sub-Engineer (Engg.)
PDS & CEA
Government of Punjab

Scanned with CamScanner

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
20	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size,Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2"thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge.i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	468	P.Sft	292.75	137007		
21	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	78	%Sft	11646.40	9084		
22	Khuras on Roof 2'x2'x6"	3	No	855.00	2565		
23	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8	3	No	1746.4	5239		
24	Rehandling of earthwork: Lead upto a single throw of Kassi, phaorah or shovel.	302	%ocft	2539.7	767		
	Total - A				**1198138**		
B	**Plumbing Work**						
1	Providing and fitting glazed earthen ware water closet European type, excluding seat and cover:- i) white	3	Each	8205.05	24615		
2	Providing and fixing, double seat and cover only. Plastic	3	Each	428.60	1286		
3	Rain water down pipe cast iron head fixed in place, including cost of clamp holdfast and painting. 4"	3	Each	326.05	978		
4	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	3	Each	469.95	1410		
5	Providing and fitting glazed earthen ware low down flushing cistern 13.63 litres (3 gallons) capacity, including bracket set, copper connection, etc. i) white	3	Each	4029.35	12088		
6	Providing and fixing chromium plated bib cock:- 1.5 cm	3	Each	775.00	2325		

Sub-Engineer (Engg.)
PDS & CEA
Government of Punjab

Scanned with CamScanner

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
7	Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating 10x5 cm (4"x2")	3	Each	627.35	1882		
8	Providing and fitting, cast iron soil pipe with cement caulked joint 10 cm						
	4" Dia	60	Rft	204.75	12285		
	3" Dia	30	Rft	119.20	3576		
9	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex /Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials,making jharries complete in all respect as approved and directed by Engineer charge.(Internal/External Diameters mentioned). **PN-20**						
	25mm Dia	150	Rft	66.60	9990		
	32 mm Dia	120	Rft	106.90	12828		
10	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.	3	Each	5169.95	15510		
11	Providing and fixing chromium plated tee stop cock 15mm (½").	6	Each	955.00	5730		
12	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	3	Each	2228.75	6686		
13	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with `B' Class working pressure pipe, in trenches, complete in all respects:- **6" Dia**	150	Rft	871.55	130733		
15	Providing and fixing 1/2" dia Toilet Shower of Fasial / Master comprising of 1/2" dia one-meter long rubber/CP fexible pipe and hand shower set complete in all respects as approved and directed by the Engineer Incharge.	3	Each	2212.00	6636		
16	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	3	Each	638.15	1914		
17	Providing and fixing, chromium plated towel rail:- 24" Long	3	Each	549.30	1648		
19	Providing and fixing, chromium plated soap dish,	3	Each	278.75	836		
	Total - B				**252956**		

Sub Engineer (Engg.)
PDS & CEA
Government of Punjab

Scanned with CamScanner

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
C	**Electric Works**						
1	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated:						
	3/0.029	180	Rft	25.70	4626		
	7/0.029	180	Rft	40.75	7335		
2	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge One Way 4 Gange	6	Each	802.50	4815		
3	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc	3	Each	270.60	812		
4	Supply and erection of ceiling rose, bakelite	3	Each	66.30	199		
5	Siupply and errection of bakelite button holder shade, large size	3	Each	104.15	312		
6	Supply and erection of PVC pipe for wiring recessed in walls including inspection boxes, pull boxes, hooks, cutting jharrie and repairing surface, etc., complete with all specials. **20mm dia**	180	Rft	81.70	14706		
7	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. 12" Plastic Body	3	Each	3133.00	9399		
	Total - C				**42204**		

Sub Engineer (Engg.)
PDS & CEA
Government of Punjab

Scanned with CamScanner

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
D	**Non STANDERDIZED ITEMS**						
1.	Supply & Fitting of Energy Saver Bulbs Phillaps Made 13 Watt	3	P.Sft	454.00	1362		
2	Making connection for new sewer line lines with the running main, including excavation of trench and refilling, complete, but excluding cost of pipe and specials, etc.	3	Each	3000.00	9000		
	Total - D				**10362**		
	Total A+B+C+D				**1503661**		
	Add 5% PRA				**75183**		
p	**G.Total**				**1578844**		
	Say				**1.579 (M)**		

Note

(i) B.O.Q is based on rates for 1st Bi-annual 2022 i.e. from June 1st 2022 to Dec 31st, 2022

(ii) In case of any ambiguity regarding rate, MRS/ Input rates of Finance Department displayed on web-site for 2nd Bi-annual 2022 i.e. from June Ist, 2022 to Dec 31st, 2022 shall be followed.

Sub Engineer

Sub-Engineer (Engg.)
PDS & CEA
Government of Punjab

Chief Quantity Evaluator/Consultant
PDS-CEA Lahore

DNIT Approved for Rs.1.579 m

Deputy Manager Engineering
PDS-CEA Lahore

Scanned with CamScanner

Scanned with CamScanner

INFRASTRUCTURE DEVELOPMENT & MAINTENANCE WORK AT COE (G) HAFIZABAD. (Package-2)
ANNUAL REPAIR & MAINTENANCE OF BUILDINGS & SPECIAL REPAIR TO PLINTH PROTECTION I/C TUFF PAVERS

DNIT/ B.O.Q

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
A	**Civil Works**						
1	Dismantling brick or flagged flooring without concrete foundation.	304	%Sft	863.5	2625		
2	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)	285	%ocft	9150.25	2608		
3	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate): 1:4:8	101.25	%Cft	28986.90	29349		
4	Pacca brick work in foundation and plinth in: cement Sand Morter 1:6	414.38	%Cft	30229.55	125265		
5	Supplying and filling sand under floor; or plugging in wells	2245	%Cft	2943.30	66077		
6	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge	1940.4	%Cft	9023.50	175092		
7	Cement plaster 1:4 upto 20' (6.00 m) height:- 1/2" thick	405	%Sft	3245.95	13146		
8	Pacca brick work other than building upto 10ft. (3 m height. i) cement, sand mortar:- Ratio 1:5	90	%Cft	32031.10	28828		

Sub-Engineer (Engg.)
PDS & CEA
Government of Punjab

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
9	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) 60mm Thick.	4228	P.Sft	156.40	661259		
10	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): 1:2:4	89.37	%Cft	38178.90	34120		
11	Providing and fixing M.S. flat ½"x1/8" (13mm x 3mm) grill including ¾" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects.	720	P.Sft	491.80	354096		
12	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 20 mm (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge i/c fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect	1820	P.Sft	1594.90	2902718		

Sub-Engineer (Engg.)
PDS & CEA
Government of Punjab

Scanned with CamScanner

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
13	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities / Shelves / Treads/Window Cills , having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortor i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge. (China Verona)	242	P.Sft	412.35	99789		
14	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	13177	%Sft	2649.75	349158		
15	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with `B' Class working pressure pipe, in trenches, complete in all respects:- 3" dia	50	Rft	278.10	13905		
16	Providing and fixng class room almirah consiting of 1" (25 mm) thick solid flush shutter with deodar wood lipping ¼" (6 mm) thick all around (Approved Factory Manufactured) fixed in deodar wood frame 3"x1" (75mm x 25mm) including full hinges.C.P. fittings with RCC (1:1½:3) shelves 1½" (40 mm) thick including 3 coats of painting.	193	P.Sft	825.35	159293		
17	Distempering Old Surface i/c scraping old surface						
	Scraping	47381	%Sft	761.9	360996		
	One Coat	47381	%Sft	561.3	265950		
	Two Coat	46582	%Sft	705.15	328473		
17	Painting Door & Windows any Type One Coat old surface	44238.5	%Sft	947.65	419226		

Sub-Engineer (Engg.)
PDS & CEA
Government of Punjab

Scanned with CamScanner

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
18	Painting Door & Windows any Type two Coat old surface	2617	%Sft	1667.65	43628		
19	Colour Wash old Surface one coat	1052	%Sft	305.9	3218		
20	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: Old Surface	9344.5	%Sft	1925.45	179924		
	Total - A				**6616117**		
B	**Plumbing Work**						
1	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete.	21	Each	2649.35	55636		
2	Providing and fixing chromium plated bib cock:-	30	Each	775.00	23250		
3	Providing and fixing chromium plated tee stop cock	20	Each	955.00	19100		
4	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	5	Each	5169.95	25850		
5	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	22	Each	2228.75	49033		
6	Providing & Fixing stainless steel sink with drain board, size 12x60cm (48"x24") i/c bracket set, waste pipe and waste coupling.	10	Each	6405.30	64053		

Sub-Engineer (Engg.)
PDS & CEA
Government of Punjab

Scanned with CamScanner

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
7	Providing and Fixing gun metal peet Valve (screwed) 2" dia	2	Each	8362.50	16725		
	Total - B				**253647**		
C	**Electric Works**						
1	Supply & Errection of Switches 5Amp (Piano Type)	265	Each	72.00	19080		
2	Supply & Errection of 3pin switch and plug combined, recessed type.						
I.	**5 AMP**	115	Each	112.00	12880		
II.	**10/15 Amp**	22	Each	149.80	3296		
3	Supply & Erection of Button Holder Bakelite Large Size	195	Each	53.75	10481		
4	Supply & Fitting of Capacitor2.2 uf, for Ceilling Fans.	30	Each	214.50	6435		
	Total - C				**52172**		
D	**Non STANDERDIZED ITEMS**						
1	Supply and Fixing of ceilling fan dimmer as approved by incharge/Engineer	35	Each	220.00	7700		
2.	Supply & Fitting of Energy Saver Bulbs 13 Watt	390	P.Sft	454.00	177060		
	Total - D				**184760**		

Sub-Engineer (Engg.)
PDS & CEA
Government of Punjab

Scanned with CamScanner

Sr. No.	Description	Qty	Unit	Rate	Amount	Rate to be quoted by the contractor	
						Rate	Amount
	Total A+B+C+D				**7106710**		
	Add 16% PRA				**1137074**		
	G.Total				**8243784**		
D-	**Credit of Old Material**						
35.	Flushing Cistern,Bib Cock,Tee Stop Cock,Mixing Valve			**(-)**	**5200**		
	Grand Total A+B+C-D				**8238584**		
	Say				**8.238 m**		

Note

(i) B.O.Q is based on rates for 2nd Bi-annual 2022 i.e. from June , 2022 to Dec 31st, 2022

(ii) In case of any ambiguity regarding rate, MRS/ Input rates of Finance Department displayed on web-site for 2nd Bi-annual 2022 i.e. from June Ist, 2022 to Dec 31st, 2022 shall be followed.

DNIT Approved for Rs. 8.238 m

Sub Engineer

Sub-Engineer (Engg.)
PDS & CEA
Government of Punjab

Chief Quantity Evaluator
Consultant
PDS-CEA Lahore

Deputy Manager
Engineering
PDS-CEA Lahore

General Manager
Engineering
PDS-CEA Lahore

Scanned with CamScanner