

The Islamia University of Bahawalpur

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Construction of Residences Category-E at Baghdad-ul-Jadeed Campus

Civil Work

MRS Jul to Dec, 2017

No	Ref #	Description	Quantity		Rate	Unit	Amount
1	3/21-b	Excavation in foundation of building, bridges and other structures including deg-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. - in ordinary soil	2170.70	Cft	6130.10	%o Cft	13,306.61
2	26/42	Providing and Spraying anti-termite liquid mixed with water in the ration of 1:40 as approved by the Engineer Incharge.	340.00	Sft	220.85	% Sft	750.89
3	6/3-b	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth: Ratio 1:4:8	248.00	Cft	12426.20	% Cft	30,816.98
4	7/4	Pacca brick work in foundation & plinth with cement sand mortor (1:6)	1075.00	Cft	16376.30	% Cft	176,045.23
5	6/33	Providing & laying 1.50" thick demp proof course with cement concrete 1:2:4 including one layer bitumen and one layer polythene sheet	291.00	Sft	4357.45	% Sft	12,680.18
6	6/35	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- with one coat of bitumen and one coat of polythene sheet 500 gauge: Ratio 1:3, 3/4" thick	185.00	Sft	3116.40	% Sft	5,765.34
7	6/6	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- Type C (nominal mix 1: 2: 4)	170.00	Cft	252.80	Per Cft	42,976.00
8	3/15	Filling, watering and ramming earth under floors:- i) with surplus earth from foundation, etc. ii) with new earth excavated from outside lead upto 1/4 mile	900.00	Cft	2935.70	%o Cft	2,642.13
			1040.00	Cft	8501.60	%o Cft	8,841.66
9	7/5	Pacca Brick work in Ground Floor with cement sand mortor i) Ratio 1:5 ii) Ratio 1:3	910.00	Cft	17953.10	% Cft	163,373.21
			75.00	Cft	19202.30	% Cft	14,401.73
10	6/9	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) Deformed bars. 40-Grade	1115.00	Kg	10777.55	% Kg	120,169.68

No	Ref #	Description	Quantity	Rate	Unit	Amount	
11	6/6	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid position, or prestressed members cast in situ, complete in all respects i) Type C (nominal mix 1: 2:4) ii) Type B (nominal mix 1: 1.5:3)	50.00 322.00	Cft Cft	345.25 374.40	Per Cft Per Cft	17,262.50 120,556.80
12	12/14	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"	175.00	Sft	148.85	Per Sft	26,048.75
13	12/50	Providing and fixing 1½" (40mm) thick solid flush door shutter sterling or equivalent with commercial ply (5 mm thick) on both sides double pressed and deodar wood lipping 1½"x3/8" (40mm x 10mm) around shutter including chromium plated fitting, iron hinges with aluminium kick plate 22 SWG on both sides & finger plate complete in all respect.	175.00	Sft	359.90	Per Sft	62,982.50
14	25/44	Providing and fixing windows consisting of M.S. box 'section frame 2"x1½", leaves frame 1½"x1" box section frame for glazing 3/8"x3/8" using 16 SWG sheet 'U' shaped rubber 'supported with 1"x1/8" M.S. flat for fixing 3/16" (5 mm) thick glass panes M.S. box section ½"x½" of 16 SWG for fixing 24 SWG wire gauze on 'outer side by means of ¾"x1/8" M.S. flat and 'screws including grill of M.S. flat ½"x1/8" or ¼"x¼" square bar with independent frame of ½"x½" box section of 16 SWG i/c all C.P. fitting and painting 3 coats complete in all respect.	66.00	Sft	475.55	Per Sft	31,386.30
15	11/10	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	925.00	Sft	1989.35	% Sft	18,401.49
16	11/11	Cement plaster upto 20' (6.00 mm) height:- ½" (13 mm) thick i) Ratio 1:5 ii) Ratio 1:3	5085.00 508.00	Sft Sft	1680.85 1851.55	% Sft % Sft	85,471.22 9,405.87
17	9/35	Providing & Laying Roof insulation comprising of single layer of tiles 9"x4½"x1½" (225x113x40 mm) grouted with cement sand mortar 1:3 laid over 2" thick earth (including mud plaster) over thermopore sheet, over polythene sheet 300 gauge over a layer of bitumen,complete in all respects:- Thermopore sheet 1" (25 mm) thick	751.00	Sft	7151.85	% Sft	53,710.39
18	7/30	Supplying and filling sand under floor; or plugging in wells.	475.00	Cft	1922.00	% Cft	9,129.50

No	Ref #	Description	Quantity	Rate	Unit	Amount
19	6/2	Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50 mm) gauge.	475.00	Cft	3564.00	% Cft 16,929.00
20	10/42	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1½" x 3/8"	290.00	Rft	6.60	Per Rft 1,914.00
21	10/15	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels 2" (50 mm) thick	900.00	Sft	4759.85	% Sft 42,838.65
22	6/5f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4	50.00	Cft	21958.20	% Cft 10,979.10
23	11/22	Priming coat of chalk under distemper.	3000.00	Sft	145.90	% Sft 4,377.00
24	13/31	Preparing surface and painting with emulsion paint:- 3 coats New surface	3500.00	Sft	1122.55	% Sft 39,289.25
25	13/32A	Providing and applying weather shield paint of approved quality on external surface of building i/c preparation of surface, application of primer complete in all respect: 3 coats New surface	577.00	Sft	2793.20	% Sft 16,116.76
26	13/5	Painting door & window any type new surface 3 coats	350.00	Sft	1521.45	% Sft 5,325.08
27	9/15	Making Khuras on roof 2'x2' size	2.00	No	476.80	Each 953.60
28	12/48	Providing and fixing 1½" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects (excluding sliding bolt or lock) with:- M.S. angle iron 1½"x1½"x¼", welded (40 mmx 40 mmx 6mm) with M.S. flat 2"x¼"	60.00	Sft	648.55	Per Sft 38,913.00
29	12/12 -b	First class deodar wood wrought joinery work in wire gauze doors and windows, with 22 SWG G.I. wire gauze, 12x12 meshes per square inches (5x5 per cm2) including iron fittings etc. complete: Deodar wood framing 1½" thick, with wire gauze fixed in position:- with springs or spring hinges	50.00	Sft	405.80	Per Sft 20,290.00
30	12/54	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.	70.00	Sft	193.30	Per Sft 13,531.00
31	12/55	Providing and fixing G.I. wire gauze 22 SWG, 12x12 'meshes per square inch, (5x5 meshes in cm2) fixed to steel window, complete with flat iron patti ½"x 1/8" and machine made screws.	70.00	Sft	65.65	Per Sft 4,595.50
32	12/18	Providing and fixing sliding bolt to doors:- brass sliding bolt, 12" (300 mm) long	10.00	No	337.75	Each 3,377.50
						Total 1,245,554.00

Civil Work (Non-Schedule)

No	Ref.	Description	Quantity	Rate	Unit	Amount
1		Providing & Fixing marble ¾" thick Buticina fancy 12"X12" with floating coat of cement over a bed of ¾" thick cement sand mortor 1:2 over 1" thick				

No	Ref #	Description	Quantity	Rate	Unit	Amount
2	N.S	PCC 1:2:4 Gray cement, including colour pigment to match with the colour of marble tiles laid with cement sand mortor 1:2 rubbing and chemical Polishing, as approved by Engineering Incharge	450.00 Sft	189.00	Per Sft	85,050.00
		Providing and laying coloured glazed tile Dado/Floor 12" x 24" size SFD series on Dark color base Rectified (ST) laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2 complete in all respects as approved by Engineering incharge	300.00 Sft	185.00	Per Sft	55,500.00
3	N.S	Providing & laying 3/8" thick marble dado/skirting (Boticeena/ Fancy) of approved quality including 1:2 cement sand mortar 3/8" thick for laying of marble tiles i/c rubbing grinding and wax polishing,complete in all respects as per drawings and specifications and as approved by the Engineer Incharge.	100.00 Sft	129.00	Per Sft	12,900.00
4	N.S	Providing & laying 3/4" Thick Marble Slab (Boticeena / Fancy) of approved quality including (rounding of corner) and 1:2 cement sand mortar for laying of marble tiles 3/4" thick i/c rubbing grinding and chemical polishing, complete in all respects as per specifications and drawings and as approved by the Engineer Incharge. (for stair steps/kitchen cabinet)	20.00 Sft	301.00	Per Sft	6,020.00
5	N.S	Providing and fixing 3/4" thick laminated Board shutter with 3/4" x 3/4" deodar wood beading wardrobe frame of 3"x1.5" M.S Box pipe 18 SWG including tower bolts on top & bottom lock 808, hinges, Sprite polish complete in all respects including aluminium hanger rod etc. as approved by the Engineer Incharge.	125.00 Sft	366.00	Per Sft	45,750.00
6	N.S	Providing & fixing Kitchen cabnet consisting of lamination board 3/4" thick for leaves deodar wood frame 3"x1", Gola for leaf 3/4"x3/4" including siprit polish for gola complete in all respects as per design, drawing & pattern and as approved by the engineer incharge i) Down Portion	30.00 Sft	376.00	Per Sft	11,280.00
7	N.S	Providing and Applying termite proofing with biflex/tenakil liquid mixed which water in the ratio of suitable mixing complete in all respects as approved by the Engineer Incharge.	400.00 Sft	7.43	Per Sft	2,972.00
					Total	219,472.00
1	24/3	Electrical Work Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries,and repairing surface, etc., complete with all specials. i) 3/4" i/d (20 mm) ii) 1" i/d (25 mm)	250.00 Rft 150.00 Rft	38.35 45.30	Per Rft Per Rft	9,587.50 6,795.00
2		Supply and erection of single core PVC insulated				

No	Ref #	Description	Quantity	Rate	Unit	Amount
	24/10	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).				
		i) 3/0.74 mm (3/0.029")	450.00	Rft	11.45	Per Rft 5,152.50
		ii) 7/0.74 mm (7/0.029")	200.00	Rft	15.75	Per Rft 3,150.00
		iii) 7/1.12 mm (7/0.044")	100.00	Rft	31.95	Per Rft 3,195.00

3	24/14	Supply & 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				
		i) 10 x 10 cm (4"x4")	6.00	No	153.00	Each 918.00
		ii) 17.5 x 10 cm (7"x4")	4.00	No	201.75	Each 807.00
		iii) 20 x 25 cm (8"x10")	2.00	No	370.00	Each 740.00
4	24/31	Supply & Erection switches 5 amp piano type	30.00	No	34.05	Each 1,021.50
5	24/30	Supply & Erection ceiling rose bakelite	10.00	No	37.25	Each 372.50
6	24/36	Supply and erection of 3 pin switch and plug combined, recessed type				
		i) 5 Amp	5.00	No	69.95	Each 349.75
		ii) 10/15 Amp	3.00	No	95.65	Each 286.95
7	24/39	Supply and erection of button holder. bakelite large size	10.00	No	29.60	Each 296.00
8	24/28	Supply and erection of call bell 220/250 volts, fixed on teak wood board 17.5x10 cm (7"x4").	1.00	No	237.05	Each 237.05
9	24/54	Supply and erection of house service pipe Henley (G.I. Pipe water quality) or pole type, 50 mm (2") dia, erected to instal insulated overhead line, include shackle insulator for holding insulated wire and straining devices for bearer wire and other accessories etc., complete.	10.00	Rft	276.85	Per Rft 2,768.50
10	24/60	Supply and erection of G.I. wire of all sizes, including binding wire No. 16 SWG for support of rubber wire or earthing wire, pole to pole etc.	10.00	Kg	143.95	Per Kg 1,439.50
11	24/13	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/				
	-a	trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed twin core, 250/440 volts. 7/1.63 mm (7/0.064")	100.00	Rft	135.60	Per Rft 13,560.00
12	24/68	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (½") dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm '(2") dia with reducing socket 4 to 5 metre below ground level, and 2 metre away from building plinth.	1.00	No	4461.30	Each 4,461.30

No	Ref #	Description	Quantity		Rate	Unit	Amount
						Total	55138.00
1	N.S	Electrical work (Non-Schedul) Supply, installation, fixing, wiring, testing and commissioning of fans with required requisite sweep including cost of blades, hanging rod, canopy, capacitor, stepless dimmer/regulator, bracket, nuts, bolts and all mounting arrangement, complete in all respects as approved by the engineer incharge i) Fan 56" sweep (Pak Fan, Royal) ii) Exhaust Fan 12" (Plastic body)	3.00 2.00	No No	4593.00 2613.00	Each Each	13,779.00 5,226.00
2		Supply and erection Fancy Light with LED Bulb Phillips (7 Watt) on external side of the building best quality as approved by the engineer incharge.	2.00	No	3296.00	Each	6,592.00
3	N.S	Supply installation, testing & commissioning of sub distribution board (DB) wall mounted type mae of 16 SWG sheet with stove enamelled paint & hinged door as per approved design following detailes DB size 12"x18" INCOMMING 1x30 Amps Single Phase MCB (Two Pole) OUTGOING 2 Nos 20 Amps single phase 2 Nos 10 Amps single phase 2 Nos 6 Amps single phase	1.00	No	8008.00	Each	8,008.00
4	N.S	Supply and erection of energy saver lamp 23 watt (Philips) i/c large size backalite holder as approved by the engineer incharge	10.00	No	319.00	Each	3,190.00
5	N.S	Supply & installation of plastic fan box best quality complete in all respects as approved by the engineer incharge	3.00	No	103.00	Each	309.00
6	N.S	Supply and erection of Gate Light with Energy saver lamp 23 watt (Philips) complete in all respects as approved by the engineer incharge	1.00	No	765.00	Each	765.00
7	N.S	Supply and erection of single phase Energy meter i/c Sheet iron box duly painted complete in all respects as approved by the engineer incharge	1.00	No	7582.00	Each	7,582.00
8	N.S	Supply & Erection of Power Plug 20 Amp best quality Bush company as requiered at site of work complete in all respects as approved by the engineer incharge.	2.00	No	391.00	Each	782.00
						Total	46,233.00
1	19/3	Plumbing Work Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. Coloured	2.00	No	1415.50	Each	2,831.00
2	19/12	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete.	2.00	No	1180.85	Each	2,361.70

No	Ref #	Description	Quantity		Rate	Unit	Amount
3	19/34	P/F "P" trap:- 10 cm (4") glazed.	7.00	No	137.65	Each	963.55
4	19/27	Providing and fixing chromium plated tee stop cock 15mm (½")	6.00	No	453.50	Each	2,721.00
5	19/26	Providing and fixing chromium plated bib cock:- 1.5 cm (½")	6.00	No	333.50	Each	2,001.00
6	19/19	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	2.00	No	383.70	Each	767.40
7	19/22	Providing and fitting:- i) Plastic soap dish ii) plastic shelf 60x13 cm (24"x5") with bracket and railing. iii) Plastic towel rail iv) plastic toilet paper holder	2.00 2.00 2.00 2.00	No No No No	160.40 431.30 249.80 225.80	Each Each Each Each	320.80 862.60 499.60 451.60
8	19/6	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. coloured, with pedestal	2.00	No	2679.75	Each	5,359.50
9	19/29	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	3.00	No	1558.40	Each	4,675.20
10	19/43	Providing and fixing, brass gas cock:- i) 15 mm (½") dia ii) 20 mm (¾") dia	5.00 2.00	No No	94.30 106.30	Each Each	471.50 212.60
11	19/39	Supply and fitting of cast iron manhole cover with frame, etc. complete. 45 cm (18") dia	5.00	No	869.25	Each	4,346.25
12	23/22	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. 'pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves. Light Quality i) ½" i/d (15 mm) ii) 1" i/d (25 mm)	50.00 100.00	Rft Rft	57.75 108.30	Per Rft Per Rft	2,887.50 10,830.00
13	21/01	Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911: Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete. 225 mm (6") i/d	70.00	Rft	132.15	Per Rft	9,250.50
14	3/42	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:- 0 ft. to 7.0 ft. (0 to 2.10 m) depth	840.00	Cft	5118.60	%o Cft	4,299.62
15	21/15	Providing and fixing 3" (75 mm) thick R.C.C. manhole 'cover, 22" (550 mm) dia, with tee shaped C.I. frame of 20" (500 mm) clear i/d (frame weighing 37.324 Kg. or one maund) as per Standard Drawing STD/PD No. 5, of 1977, complete in all respects.	1.00	No	5765.25	Each	5,765.25

No	Ref #	Description	Quantity		Rate	Unit	Amount
						Total	61,878.00
		Plumbing Work (Non-Schedule)					
1	N.S	Providing, Laying, Fixing, testing uPVC plain ends socket pipe Type-B soil wste, vent & rain water as per approved make and quality i/c uPVC fitting with solvent cement jointing or rubber ring joints complete in all respects i/c clamps tees complete in all respects as approved by the engineer incharge 4" dia Pipe	100.00	Rft	177.00	Per Rft	17,700.00
2	N.S	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipeline for hot & cold water supply complete in all respects, i/c specials such as coupler, reducing socket, elbow, endcaps, male/female, threaded, fittings, like teese, adoptors to conect polydex pipes to other pipe and shower, wash basin, bibcock etc. as required at site	100.00	Rft	91.00	Per Rft	9,100.00
		i) 32 mm dia	70.00	Rft	70.00	Per Rft	4,900.00
		ii) 25 mm dia					
3	N.S	Providing & Fixing Muslim shower with double bib cock best quality as approved by the engineer incharge	1.00	No	2782.00	Each	2,782.00
4	N.S	Providing & Fixing Sink bowl stailless steel 17"x21" size i/c waste pipe and waste coupling best quality complete in all respcts as approved by the engineer incharge	1.00	No	3606.00	Each	3,606.00
5	N.S	Providing & Fixing wall shower set (Dilawar/Glaxi) best quality complete in all respcts as approved by the engineer incharge	2.00	No	4582.00	Each	9,164.00
6	N.S	Providing & Fixing Gate valve of PPRC 32 mm best quality complete in all respcts as approved by the engineer incharge	2.00	No	589.00	Each	1,178.00
7	N.S	Providing & Fixing MS Pressure pipe, 1/4" thick with all fitting such as elbow, bend, socket etc for main line API quality as per SNGPL specification including cleaning, welding, wrapping with fiber glass and compound excavation 3' below from ground level back filling and restoratoin and orignal condition and as approved by the engineer incharge pressure 100 PSI. 1" dia 1/4" thick	20.00	Rft	296.00	Per Rft	5,920.00
8	N.S	Providing & Fixing Gas regulator peable best qulaity complete in all respects as approved by the engineer incharge	1.00	No	2,206.00	Each	2,206.00
9	N.S	Providing & Fixing Gas Service Valve 1" dia best qulaity complete in all respects as approved by the engineer incharge	1.00	No	4,006.00	Each	4,006.00
10	N.S	Providing & Fixing Muller Tee best qulaity complete in all respects as approved by the engineer incharge 1" dia	1.00	No	2,206.00	Each	2,206.00
11	N.S	Providing & Fixing Sui Gas Meter complete in all					

No	Ref #	Description	Quantity	Rate	Unit	Amount	
		respects as approved by the engineer incharge	1.00	No	4,606.00	Each	4,606.00
12	N.S	Providing & Fitting plastic floor jali	6.00	No	211.00	Each	1,266.00
					Total	68,640.00	
Compound Wall & Main Gate							
1	3/21	Excavation in foundation of building, bridges and other structures including deg-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. - in ordinary soil	500.00	Cft	6130.10	%o Cft	3,065.05
2	6/3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth: Ratio 1:4:8	100.00	Cft	12426.20	% Cft	12,426.20
3	7/4	Pacca brick work in foundation & plinth with cement sand mortar (1:6)	350.00	Cft	16376.30	% Cft	57,317.05
4	6/33-b	Providing & laying 1.50" thick demp proof course with cement concrete 1:2:4 including 2 coats of bitumen	70.00	Sft	4562.30	% Sft	3,193.61
5	7/7	Pacca brick work other than building upto 10ft. (3 m) height. cement, sand mortar:- 1:3	250.00	Cft	18569.75	% Cft	46,424.38
6	11/11	Cement plaster upto 20' (6.00 mm) height:- ½" (13 mm) thick Ratio 1:5	1200.00	Sft	1680.85	% Sft	20,170.20

7	13/32A	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: 3 coats New surface	1200.00	Sft	2793.20	% Sft	33,518.40
8	25/30	Making and fixing steel grated doors complete with locking arrangement, angle iron frame 2"x2"x3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre.	10.00	Sft	748.40	Per Sft	7,484.00
9	25/31	Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement.	30.00	Sft	875.80	Per Sft	26,274.00
					Total	209,873.00	

The Islamia University of Bahawalpur

Construction of Residences Category-F at Baghdad-ul-Jadeed Campus

2

Civil Work

MRS Jul to Dec, 2017

No	Ref #	Description	Quantity	Rate	Unit	Amount	
1	3/21-b	Excavation in foundation of building, bridges and other structures including deg-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. - in ordinary soil	1660.30	Cft	6130.10	%o Cft	10,177.81
2	26/42	Providing and Spraying anti-termite liquid mixed with water in the ration of 1:40 as approved by the Engineer Incharge.	335.00	Sft	220.85	% Sft	739.85

No	Ref #	Description	Quantity	Rate	Unit	Amount	
3	6/3-b	Cement concrete brick or stone ballast 1½" to 2" (40 mm to 50 mm) gauge, in foundation and plinth: Ratio 1:4:8	237.00	Cft	12426.20	% Cft	29,450.09
4	7/4	Pacca brick work in foundation & plinth with cement sand mortar (1:6)	1238.00	Cft	16376.30	% Cft	202,738.59
5	6/33	Providing & laying 1.50" thick damp proof course with cement concrete 1:2:4 including one layer bitumen and one layer polythene sheet	282.00	Sft	4357.45	% Sft	12,288.01
6	6/35	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- with one coat of bitumen and one coat of polythene sheet 500 gauge: Ratio 1:3, ¾" thick	150.00	Sft	3116.40	% Sft	4,674.60
7	6/6	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- Type C (nominal mix 1: 2: 4)	135.00	Cft	252.80	Per Cft	34,128.00
8	3/15	Filling, watering and ramming earth under floors:- i) with surplus earth from foundation, etc. ii) with new earth excavated from outside lead upto 1/4 mile	2840.00	Cft	2935.70	%o Cft	8,337.39
			1210.00	Cft	8501.60	%o Cft	10,286.94
9	7/5	Pacca Brick work in Ground Floor with cement sand mortar i) Ratio 1:5 ii) Ratio 1:3	1022.00	Cft	17953.10	% Cft	183,480.68
			145.00	Cft	19202.30	% Cft	27,843.34
10	6/9	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) Deformed bars. 40-Grade	1000.00	Kg	10777.55	% Kg	107,775.50

11	6/6	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid position, or prestressed members cast in situ, complete in all respects i) Type C (nominal mix 1: 2:4)	300.00	Cft	345.25	Per Cft	103,575.00
12	12/14	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"	150.00	Sft	148.85	Per Sft	22,327.50
13	12/50	Providing and fixing 1½" (40mm) thick solid flush door shutter sterling or equivalent with commercial ply (5 mm thick) on both sides double pressed and deodar wood lipping 1½"x3/8" (40mm x 10mm) around shutter including chromium plated fitting, iron hinges with aluminium kick plate 22 SWG on both sides & finger plate complete in all respect.	125.00	Sft	359.90	Per Sft	44,987.50
14	25/44	Providing and fixing windows consisting of M.S. box section frame 2"x1½", leaves frame 1½"x1" box					

No	Ref #	Description	Quantity	Rate	Unit	Amount	
		section frame for glazing 3/8"x3/8" using 16 SWG sheet 'U' shaped rubber 'supported with 1"x1/8" M.S. flat for fixing 3/16" (5 mm) thick glass panes M.S. box section 1/2"x1/2" of 16 SWG for fixing 24 SWG wire gauze on 'outer side by means of 3/4"x1/8" M.S. flat and 'screws including grill of M.S. flat 1/2"x1/8" or 1/4"x1/4" square bar with independent frame of 1/2"x1/2" box section of 16 SWG i/c all C.P. fitting and painting 3 coats complete in all respect.	70.00	Sft	475.55	Per Sft	33,288.50
15	11/10	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	486.00	Sft	1989.35	% Sft	9,668.24
16	11/11	Cement plaster upto 20' (6.00 mm) height:- 1/2" (13 mm) thick	4700.00	Sft	1680.85	% Sft	78,999.95
	11/8	i) Ratio 1:5 ii) Ratio 1:3	300.00	Sft	1851.55	% Sft	5,554.65
17	9/35	Providing & Laying Roof insulation comprising of single layer of tiles 9"x4 1/2"x1 1/2" (225x113x40 mm) grouted with cement sand mortar 1:3 laid over 2" thick earth (including mud plaster) over thermopore sheet, over polythene sheet 300 gauge over a layer of bitumen, complete in all respects:- Thermopore sheet 1" (25 mm) thick	480.00	Sft	7151.85	% Sft	34,328.88
18	7/30	Supplying and filling sand under floor; or plugging in wells.	155.00	Cft	1922.00	% Cft	2,979.10
19	6/2	Dry rammed brick or stone ballast, 1 1/2" to 2" 40 mm to 50 mm) gauge.	155.00	Cft	3564.00	% Cft	5,524.20
20	10/42	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1 1/2" x 3/8"	250.00	Rft	6.60	Per Rft	1,650.00
21	10/15	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels 2" (50 mm) thick	500.00	Sft	4759.85	% Sft	23,799.25
22	6/5f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4	20.00	Cft	21958.20	% Cft	4,391.64
23	11/22	Priming coat of chalk under distemper.	2465.00	Sft	145.90	% Sft	3,596.44
24	13/31	Preparing surface and painting with emulsion paint:- 3 coats New surface	3000.00	Sft	1122.55	% Sft	33,676.50
25	13/32A	Providing and applying weather shield paint of approved quality on external surface of building i/c preparation of surface, application of primer complete in all respect: 3 coats New surface	2155.00	Sft	2793.20	% Sft	60,193.46
26	13/5	Painting door & window any type new surface 3 coats	350.00	Sft	1521.45	% Sft	5,325.08
27	9/15	Making Khuras on roof 2'x2' size	2.00	No	476.80	Each	953.60
28	12/48	Providing and fixing 1 1/2" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects (excluding sliding bolt or lock) with:- M.S. angle iron 1 1/2"x1 1/2"x1/4", welded					

No	Ref #	Description	Quantity	Rate	Unit	Amount	
29	12/12 -b	(40 mmx 40 mmx 6mm) with M.S. flat 2"x¼" First class deodar wood wrought joinery work in wire gauze doors and windows, with 22 SWG G.I. wire gauze, 12x12 meshes per square inches (5x5 per cm2) including iron fittings etc. complete: Deodar wood framing 1½" thick, with wire gauze fixed in position:- with springs or spring hinges	35.00	Sft	648.55	Per Sft	22,699.25
30	12/54	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.	25.00	Sft	405.80	Per Sft	10,145.00
31	12/55	Providing and fixing G.I. wire gauze 22 SWG, 12x12 'meshes per square inch, (5x5 meshes in cm2) fixed to steel window, complete with flat iron patti ½"x 1/8" and machine made screws.	70.00	Sft	193.30	Per Sft	13,531.00
32	12/18	Providing and fixing sliding bolt to doors:- brass sliding bolt, 12" (300 mm) long	70.00	Sft	65.65	Per Sft	4,595.50
			6.00	No	337.75	Each	2,026.50
						Total	1,159,738.00

Civil Work (Non-Schedule)

No	Ref.	Description	Quantity	Rate	Unit	Amount	
1		Providing & Fixing marble ¾" thick Buticina fancy 12"X12" with floating coat of cement over a bed of ¾" thick cement sand mortar 1:2 over 1" thick PCC 1:2:4 Gray cement, including colour pigment to match with the colour of marble tiles laid with cement sand mortar 1:2 rubbing and chemical Polishing, as approved by Engineering Incharge	400.00	Sft	189.00	Per Sft	75,600.00
2	N.S	Providing and laying coloured glazed tile Dado/Floor 12" x 24" size (BELLO (BL) series on Dark color base class SB) laid in white cement and pigment on a bed of ¾" thick cement mortar 1:2 complete in all respects as approved by Engineering incharge.	250.00	Sft	185.00	Per Sft	46,250.00
3	N.S	Providing & laying 3/8" thick marble dado/skirting (Boticeena/ Fancy) of approved quality including 1:2 cement sand mortar 3/8" thick for laying of marble tiles i/c rubbing grinding and wax polishing, complete in all respects as per drawings and specifications and as approved by the Engineer Incharge.	80.00	Sft	129.00	Per Sft	10,320.00
4	N.S	Providing & laying ¾" Thick Marble Slab (Boticeena / Fancy) of approved quality including (rounding of corner) and 1:2 cement sand mortar for laying of marble tiles ¾" thick i/c rubbing grinding and chemical polishing, complete in all respects as per specifications and drawings and as approved by the Engineer Incharge. (for stair steps/kitchen cabinet)	10.00	Sft	301.00	Per Sft	3,010.00
5	N.S	Providing and fixing ¾" thick laminated Board shutter with ¾" x ¾" deodar wood beading wardrobe frame of 3"x1.5" M.S Box pipe 18 SWG including tower bolts on top & bottom lock 808, hinges, Sprite polish complete in all respects including aluminium hanger rod etc. as approved by the Engineer Incharge.	90.00	Sft	366.00	Per Sft	32,940.00
6	N.S	Providing & fixing Kitchen cabinet consisting of lamination board ¾" thick for leaves deodar wood					

No	Ref #	Description	Quantity	Rate	Unit	Amount	
7	N.S	frame 3"x1", Gola for leaf 3/4"x3/4" including siprit polish for gola complete in all respects as per design, drawing & pattern and as approved by the engineer incharge	20.00	Sft	376.00	Per Sft	7,520.00
		i) Down Portion					
		Providing and Applying termite proofing with biflex/tenakil liquid mixed with water in the ratio of suitable mixing complete in all respects as approved by the Engineer Incharge.	400.00	Sft	7.43	Per Sft	2,972.00
Total						178,612.00	
1	24/3	Electrical Work Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. i) 3/4" i/d (20 mm) ii) 1" i/d (25 mm)	150.00 100.00	Rft Rft	38.35 45.30	Per Rft Per Rft	5,752.50 4,530.00
2	24/10	Supply and erection of single core PVC insulated copper conductor cables, in prelaidd PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). i) 3/0.74 mm (3/0.029") ii) 7/0.74 mm (7/0.029") iii) 7/1.12 mm (7/0.044")	300.00 150.00 80.00	Rft Rft Rft	11.45 15.75 31.95	Per Rft Per Rft Per Rft	3,435.00 2,362.50 2,556.00
3	24/14	Supply & 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 i) 10 x 10 cm (4"x4") ii) 17.5 x 10 cm (7"x4") iii) 20 x 25 cm (8"x10")	4.00 2.00 2.00	No No No	153.00 201.75 370.00	Each Each Each	612.00 403.50 740.00
4	24/31	Supply & Erection switches 5 amp piano type	20.00	No	34.05	Each	681.00
5	24/30	Supply & Erection ceiling rose backalite	8.00	No	37.25	Each	298.00
6	24/36	Supply and erection of 3 pin switch and plug combined, recessed type i) 5 Amp ii) 10/15 Amp	3.00 2.00	No No	69.95 95.65	Each Each	209.85 191.30
7	24/39	Supply and erection of button holder. bakelite large size	8.00	No	29.60	Each	236.80
8	24/28	Supply and erection of call bell 220/250 volts, fixed on teak wood board 17.5x10 cm (7"x4").	1.00	No	237.05	Each	237.05
9	24/54	Supply and erection of house service pipe Henley (G.I. Pipe water quality) or pole type, 50 mm (2") dia, erected to instal insulated overhead line, include shackle insulator for holding insulated wire and straining devices for bearer wire and other accessories etc., complete.	10.00	Rft	276.85	Per Rft	2,768.50
10	24/60	Supply and erection of G.I. wire of all sizes, including binding wire No. 16 SWG for support of rubber wire or earthing wire, pole to pole etc.	10.00	Kg	143.95	Per Kg	1,439.50
11		Supply and erection of copper conductor cables for					

No	Ref #	Description	Quantity	Rate	Unit	Amount	
12	24/13 -a	service connection, in prelaidd pipe/G.I. wire/ trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed twin core, 250/440 volts. 7/1.63 mm (7/0.064")	100.00	Rft	135.60	Per Rft	13,560.00
	24/68	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (½") dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm '(2") dia with reducing socket 4 to 5 metre below ground level, and 2 metre away from building plinth.	1.00	No	4461.30	Each	4,461.30
						Total	44475.00
1	N.S	Electrical work (Non-Schedul) Supply, installation, fixing, wiring, testing and commissioning of fans with required requisite sweep including cost of blades, hanging rod, canopy, capacitor, stepless dimmer/regulator, bracket, nuts, bolts and all mounting arrangement, complete in all respects as approved by the engineer incharge i) Fan 56" sweep (Pak Fan, Royal) ii) Exhaust Fan 12" (Plastic body)	2.00 1.00	No No	4593.00 2613.00	Each Each	9,186.00 2,613.00
2		Supply and erection Fancy Light with LED Bulb Phillips (7 Watt) on external side of the building best quality as approved by the engineer incharge.	2.00	No	3296.00	Each	6,592.00
3	N.S	Supply installation, testing & commissioning of sub distribution board (DB) wall mounted type mae of 16 SWG sheet with stove enamelled paint & hinged door as per approved design following detailes DB size 12"x18" INCOMMING 1x30 Amps Single Phase MCB (Two Pole)					
		OUTGOING 2 Nos 20 Amps single phase 2 Nos 10 Amps single phase 2 Nos 6 Amps single phase	1.00	No	8008.00	Each	8,008.00
4	N.S	Supply and erection of energy saver lamp 23 watt (Philips) i/c large size backalite holder as approved by the engineer incharge	8.00	No	319.00	Each	2,552.00
5	N.S	Supply & installation of plastic fan box best quality complete in all respects as approved by the engineer incharge	2.00	No	103.00	Each	206.00
6	N.S	Supply and erection of Gate Light with Energy saver lamp 23 watt (Philips) complete in all respects as approved by the engineer incharge	1.00	No	765.00	Each	765.00
7	N.S	Supply and erection of single phase Energy meter i/c Sheet iron box duly painted complete in all respects as approved by the engineer incharge	1.00	No	7582.00	Each	7,582.00
8	N.S	Supply & Erection of Power Plug 20 Amp best quality Bush company as requiered at site of work complete in all respects as approved by the engineer incharge.	2.00	No	391.00	Each	782.00
						Total	38,286.00
1		Plumbing Work Providing and fitting glazed earthen ware water					

No	Ref #	Description	Quantity		Rate	Unit	Amount
	19/3	closet, squatter type (Orisa pattern), combined with foot rest. Coloured	1.00	No	1415.50	Each	1,415.50
2	19/12	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete.	1.00	No	1180.85	Each	1,180.85
3	19/34	P/F "P" trap:- 10 cm (4") glazed.	6.00	No	137.65	Each	825.90
4	19/27	Providing and fixing chromium plated tee stop cock 15mm (½")	4.00	No	453.50	Each	1,814.00
5	19/26	Providing and fixing chromium plated bib cock:- 1.5 cm (½")	3.00	No	333.50	Each	1,000.50
6	19/19	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	1.00	No	383.70	Each	383.70
7	19/22	Providing and fitting:- i) Plastic soap dish ii) plastic shelf 60x13 cm (24"x5") with bracket and railing. iii) Plastic towel rail iv) plastic toilet paper holder	1.00 1.00 1.00 1.00	No No No No	160.40 431.30 249.80 225.80	Each Each Each Each	160.40 431.30 249.80 225.80
8	19/6	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. coloured, with pedestal	1.00	No	2679.75	Each	2,679.75
9	19/29	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	2.00	No	1558.40	Each	3,116.80
10	19/43	Providing and fixing, brass gas cock:- i) 15 mm (½") dia ii) 20 mm (¾") dia	3.00 1.00	No No	94.30 106.30	Each Each	282.90 106.30
11	19/39	Supply and fitting of cast iron manhole cover with frame, etc. complete. 45 cm (18") dia	3.00	No	869.25	Each	2,607.75
12	23/22	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. 'pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves. Light Quality i) ½" i/d (15 mm) ii) 1" i/d (25 mm)	50.00 100.00	Rft Rft	57.75 108.30	Per Rft Per Rft	2,887.50 10,830.00
13	21/01	Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911: Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete. 225 mm (6") i/d	50.00	Rft	132.15	Per Rft	6,607.50
14	3/42	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:-					

No	Ref #	Description	Quantity	Rate	Unit	Amount	
15	21/15	0 ft. to 7.0 ft. (0 to 2.10 m) depth	840.00	Cft	5118.60	%o Cft	4,299.62
		Providing and fixing 3" (75 mm) thick R.C.C. manhole 'cover, 22" (550 mm) dia, with tee shaped C.I. frame of 20" (500 mm) clear i/d (frame weighing 37.324 Kg. or one maund) as per Standard Drawing STD/PD No. 5, of 1977, complete in all respects.	1.00	No	5765.25	Each	5,765.25
					Total	46,871.00	
1	N.S	Plumbing Work (Non-Schedule) Providing, Laying, Fixing, testing uPVC plain ends socket pipe Type-B soil wste, vent & rain water as per approved make and quality i/c uPVC fitting with solvent cement jointing or rubber ring joints complete in all respects i/c clamps tees complete in all respects as approved by the engineer incharge 4" dia Pipe	80.00	Rft	177.00	Per Rft	14,160.00
2	N.S	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipeline for hot & cold water supply complete in all respects, i/c specials such as coupler, reducing socket, elbow, endcaps, male/female, threaded, fittings, like teese, adoptors to conect polydex pipes to other pipe and shower, wash basin, bibcock etc. as required at site	78.00	Rft	91.00	Per Rft	7,098.00
		i) 32 mm dia ii) 25 mm dia	50.00	Rft	70.00	Per Rft	3,500.00
3	N.S	Providing & Fixing Sink bowl stainless steel 17"x21" size i/c waste pipe and waste coupling best quality complete in all respcts as approved by the engineer incharge	1.00	No	3606.00	Each	3,606.00
4	N.S	Providing & Fixing wall shower set (Dilawar/Glaxi) best quality complete in all respcts as approved by the engineer incharge	1.00	No	4582.00	Each	4,582.00
5	N.S	Providing & Fixing Gate valve of PPRC 32 mm best quality complete in all respcts as approved by the engineer incharge	1.00	No	589.00	Each	589.00
6	N.S	Providing & Fixing MS Pressure pipe, 1/4" thick with all fitting such as elbow, bend, socket etc for main line API quality as per SNGPL specification including cleaning, welding, wrapping with fiber glass and compound excavation 3' below from ground level back filling and restoratoin and original condition and as approved by the engineer incharge pressure 100 PSI. 1" dia 1/4" thick	20.00	Rft	296.00	Per Rft	5,920.00
7	N.S	Providing & Fixing Gas regulator Peable best qulaity complete in all respects as approved by the engineer incharge	1.00	No	2,206.00	Each	2,206.00
8	N.S	Providing & Fixing Gas Service Valve 1" dia best qulaity complete in all respects as approved by the engineer incharge	1.00	No	4,006.00	Each	4,006.00
9	N.S	Providing & Fixing Muller Tee best qulaity complete in all respects as approved by the engineer incharge 1" dia	1.00	No	2,206.00	Each	2,206.00

No	Ref #	Description	Quantity	Rate	Unit	Amount	
10	N.S	Providing & Fixing Sui Gas Meter complete in all respects as approved by the engineer incharge	1.00	No	4,606.00	Each	4,606.00
11	N.S	Providing & Fitting plastic floor jali	4.00	No	211.00	Each	844.00
						Total	53,323.00
Compound Wall & Main Gate							
1	3/21	Excavation in foundation of building, bridges and other structures including deg-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. - in ordinary soil	500.00	Cft	6130.10	%o Cft	3,065.05
2	6/3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth: Ratio 1:4:8	100.00	Cft	12426.20	% Cft	12,426.20
3	7/4	Pacca brick work in foundation & plinth with cement sand mortor (1:6)	350.00	Cft	16376.30	% Cft	57,317.05
4	6/33-b	Providing & laying 1.50" thick demp proof course with cement concrete 1:2:4 including 2 coats of bitumen	70.00	Sft	4562.30	% Sft	3,193.61
5	7/7	Pacca brick work other than building upto 10ft. (3 m) height. cement, sand mortar:- 1:3	250.00	Cft	18569.75	% Cft	46,424.38
6	11/11	Cement plaster upto 20' (6.00 mm) height:- ½" (13 mm) thick Ratio 1:5	1200.00	Sft	1680.85	% Sft	20,170.20
7	13/32A	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete 3 coats New surface	1200.00	Sft	2793.20	% Sft	33,518.40
8	25/30	Making and fixing steel grated doors complete with locking arrangement, angle iron frame 2"x2"x3/8" '(50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre.	10.00	Sft	748.40	Per Sft	7,484.00
9	25/31	Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" '(50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement.	30.00	Sft	875.80	Per Sft	26,274.00
						Total	209,873.00

The Islamia University of Bahawalpur

3 CONSTRUCTION OF BOUNDARY WALL FROM TUBE WELL NO 24 KHAN PUR DRAIN TO KHLIFA PARK

Engineer's Cost Estimate

MRS: July to December, 2017 RYK

No.	Ref	Description	Quantity	Rate	Unit	Amount	
A) Civil Work (Schedule Items)							
1	4/13.	Dismantling brick work in lime or cement mortar	10,360.00	Cft	2414.55	%Cft	250,147.38

No	Ref #	Description	Quantity		Rate	Unit	Amount
2	4/19-c.	Dismantling lime or cement concrete, Dismantling of plain cement concrete 1:2:4	7,812.50	Cft	6249.40	%Cft	488,234.38
3	3/21-b	Excavation in Foundation of building, bridges and other structures including dag-belling, dressing, refilling around structure with the excavated earth. i) In ordinary Soil	61,500.00	Cft	5995.45	%oCft	368,720.18
4	26/3 7ii	Supplying and laying polythene sheet over D.P.C. under 'floors and on roofs, etc.500 gauge (.005" thick)	19,130.00	Sft	3.75	Per Sft	71,737.50
5	6/5-i	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) (f) Ratio 1: 4:8	5,162.00	Cft	17116.80	%Cft	883,569.22
6	6/9-b	Fabrication of M.S. Reinforcement for cement concrete including bending, laying in position, making joints and fastening i/c cost of binding wire and labour charges for bending of steel reinforcement also includes removal of rust from bars - Deformed Bars (40-Grade)	24,919.44	Kg	10783.45	% Kg	2,687,175.35
7		Providing and laying reinforced cement concrete (including prestressed concrete) using coarse sand and screened graded and wased aggregate in required sahape and design including forms moulds shuttering, lifting, compaction, curing rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication 2) plastering done under soffit of a)					
i)	6/6a-ii-3	(ii) Reinforced cement concrete in slab of rafts / stripfoundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) using SR cement complete in all respects Ratio. 1:2:4	1,718.75	Cft	251.00	Per Cft	431,406.25
ii)	6/6a-i-3	Reinforced Cement Concrete in roof slabs beams, columns, lintles, girders and other structural members cast-in-situ. Complete in all respect. i) Ground Floor Ratio 1:2:4	6,712.00	Cft	342.20	Per Cft	2,296,846.40

No	Ref #	Description	Quantity		Rate	Unit	Amount
8	7/4-i	Pacca brick work in F & P i) Cement, sand mortar:- Ratio 1:6	10,764.00	Cft	16287.90	%Cft	1,753,229.56
9	6/35-i-a	Providing & Laying Vertical Damp Proof Course of Cement Sand Plaster (1:3) with one coat of Bitumen and one layer of Ploythene Sheet 500 Gauge. a)1/2" thick Vertical DPC.	7,810.00	Sft	2775.40	% Sft	216,758.74
ii)	6/35-i-b	b) 3/4" thick (20 mm	7,810.00	Sft	3088.00	% Sft	241,172.80
10	7/7-i	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:4	18,837.00	Cft	17717.80	%Cft	3,337,501.99
11	11/9-c	Cement Plaster 1:4 upto 20' height b) 3/4" (20 mm) thick	57,116.00	Sft	2327.65	%Sft	1,329,460.57
12	25/10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders,tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	4,860.00	Kg	12214.10	%Kg	593,605.26
13	25/11	Erection and fitting in position iron trusses, staging of water tanks, etc.	4,860.00	Kg	661.75	%Kg	32,161.05
14	13/5-d	Painting new surface Preparing surface and painting guard bars, gates of iron gratings, railing (including standards, braces, etc.) and in similar open work: -3 Coats (321.35+145.20+145.20) =611.75	2,480.00	Sft	611.75	%Sft	15,171.40

No	Ref #	Description	Quantity		Rate	Unit	Amount
15	3/15ii + 3/17 a	Filling, watering and ramming earth under floors:- with new earth excavated from outside, lead upto one chain (30 m). Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) upto ¼ mile (400 m) (5553.00+2719.60)=8272.60	217,569.45	Cft	8272.60	%oCft	1,799,865.03
						Total	16,796,763.00

No.	Ref	Description	Quantity		Rate	Unit	Amount
B)		Civil Work (Non Schedule)					
1	NS	Providing and fixing Razor cutt wire fencing double sharp four pointed razor @ 1-1/4" c/c with 'U' shaped cladding over M.S wire making ring of 24" dia 3 Nos rings in one Rft length at 0.659 kg P/Rft fixed on wall i/c 2 Nos bars 3/8" dia welded horizontally & 2.25, 3" dia welded vertically 8' apart making hole and fixing with nut bolts / hold fast including binding wire, etc. complete in all respects as approved by the Engineer incharge.	3,957.00	Rft	217.34	Per Rft	860,014.38
						Total (B)	860,014.00

The Islamia University of Bahawalpur

4 Provision of Main & Practice Pitches for Boys & Girls Sports Facilities i/c Steps for Cricket Ground and Laying of Water Supply Line at Baghdad-ul-Jadeed Campus

MRS Jul-Dec, 2017

No	Ref. No	Description	Quantity		Rate	Unit	Amount
Construction of Cricket Pitches							
Civil Work (Schedule)							
1	3/21	Excavation in foundation of building, bridges and other structures including deg-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. - in ordinary soil	7396.50	Cft	6130.10	%o Cft	45,341.28
2	6/2	Dry rammed brick or stone ballast, 1½" to 2" gauge.	674.02	Cft	3564.00	% Cft	24,022.07
3	7/4	Pacca brick work in foundation & plinth with cement sand mortor (1:6)	398.25	Cft	16376.30	% Cft	65,218.61
4	7/30	Supplying and filling sand under floor; or plugging in wells.	1228.00	Cft	1922.00	% Cft	23,602.16
5	6/5-f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4	400.00	Cft	21958.20	% Cft	87,832.80

No	Ref #	Description	Quantity	Rate	Unit	Amount	
6	18/3-ii	Providing and laying sub-base course of stone product of approved quality and grade, including placing, mixing, spreading and compaction of sub-base material to required depth, camber, grade to achieve 100% maximum modified AASHO dry density, including carriage of all material to site of work. Crushed stone aggregate.	1400.00	Cft	11293.07	% Cft	158,102.98
7	18/4	Providing and laying base course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, including placing, mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified AASHO dry density, including carriage of all materials to site of work.	700.00	Cft	13401.77	% Cft	93,812.39
						Total	497932.00

Civil Work (Non-Schedule)

No	Ref #	Description	Quantity	Rate	Unit	Amount	
1	N.S	Supply & Laying of Clay for Pitch i/c compaction, loading, un-loading & laying at site complete	1848.00	Cft	15,342.04	% Cft	283,520.90
2	N.S	Providing & Fixing chain link fence (2"x2") 8 SWG double galvanised upto 12' height with G.I pipe 2.50" dia 5' center to center and 1" dia G.I pipe on top all around 2.50" dia G.I pipe fixing in PCC 1:2:4, 15"x15"x3' around Pacca brick work 1:3 complete in all respects as directed & approved by engineer incharge.	285.00	Rft	3,029.00	Per Rft	863,265.00
3	N.S	Preparation of Turf pitch including compaction with roller, curing, dressing, leveling and finishing with good quality and standard national level of Circuit complete in all respects as approved by the director of sports/Engineer incharge.	3.50	No	26,400.00	Each	92,400.00
						Total	1,239,186.00

Steps for Cricket Ground							
Civil Work							
1	3/21	Excavation in foundation of building, bridges and other structures including deg-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. - in ordinary soil	4000.00	Cft	6130.10	%o Cft	24,520.40
2	6/3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth: i) Ratio 1:6:12	400.00	Cft	10466.85	% Cft	41,867.40
3	7/4	Pacca brick work in foundation & plinth with cement sand mortar (1:6)	2750.00	Cft	16376.30	% Cft	450,348.25
	11/11	Cement plaster 1:5 upto 20' (6.00 mm) height:- i) ½" (13 mm) thick	4000.00	Sft	1680.85	% Sft	67,234.00
						Total	583970.00
External Water Supply							

No	Ref #	Description	Quantity	Rate	Unit	Amount
1	3/44	Civil Work Excavation of trenches in all kinds of soil, except cutting 'rock, for water supply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides, levelling the beds of trenches to correct grade and cutting pits for joints, etc.	6000.0 Cft	4,366.55	%o Cft	26,199.30
					Total	26,199.00
1	N.S	Plumbing work (Non-Schedule) Providing, laying, cutting, jointing, testing and disinfecting uPVC pipeline for water supply 'B' class working pressure including all specials as required at site of work (Bita/Dadex or equalent quality) complete in all respects as approved by the engineer incharge 4" dia	1000.00 Rft	302.00	Per Rft	302,000.00
2	N.S	Supply & Erection of Butter fly valve of kitz Japan for B' class working pressure uPVC water supply line i/c uPVC flangs etc complete in all respects as approved by the engineer incharge 4" dia	1.00 No	21,425.00	Each	21,425.00
3	N.S	Providing, laying, cutting, jointing, testing and disinfecting polytheline pipe line 63mm dia PE-100, PN-10 including excavation, 63 mm dia valve and all specials as required at site including fixing in position complete in all respects and as approved by the engineer incharge. (Dadex/Pak Arab or Super Tuff)	1000.00 Rft	157.00	Per Rft	157,000.00
4	N.S	Connection with main water supply Line including all labour, excavation and connected new pipe line with old water supply line and all other accessories as required at site of work complete in all respects as approved by the engineer incharge. (Rate for all dia of pipes)	1.00 No	4,550.00	Each	4,550.00
					Total	484,975.00

The Islamia University of Bahawalpur

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Construction of Main Gate at *Sub Campus Rahimyarkhan*

MRS: July to Dec 2017

No.	Ref	Description	Quantity	Rate	Unit	Amount
1	3/21-b	Civil work (Schedule) 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) b) in ordinary soil.	288.00 Cft	5995.45	%o Cft	1,726.69
2	6/5-f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	288.00 Cft	21830.40	% Cft	62,871.55

No	Ref #	Description	Quantity	Rate	Unit	Amount	
3	13/5-d	Painting new surface:- Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards,braces, etc.) and in similar open work:- 3-Coats	1722.00 Sft	1000.55	% Sft	17,229.47	
						Total	81,828.00
Civil work (Non Schedule)							
1	N.S	Providing and fixing university logo of stainless steel plate 24 SWG Size 30"x36" including 3/4" x 3/4" square iron & 16 SWG iron sheet complete in all respects and as approved by the Engineer incharge.	4.00 No	26181.00	Each	104,724.00	
2	N.S	Providing & Fixing steel iron Main Gate consist of 2" x 3/8" M.S. angle box 3/4" x 3/4" iron 2"x3/8" flat Patti 16 SWG iron sheet including cutting, welding and erecting in position, complete in all respects and as approved by the Engineer incharge.	2560.00 Kg	179.00	P/Kg	458,240.00	
3	N.S	Providing & fixing steel iron Wicket gate consist of 2"x3/8" M.S. angle box, MS 3/4"x3/4" sq. iron, 2"x3/8" flat patti, 16SWG iron sheet i/c cutting, welding & erection complete in all respects and as approved by the Engineer incharge.	518.00 Kg	156.00	P/Kg	80,808.00	
4	N.S	Providing & fixing steel iron Main Gate pillars consist of 2"x3/8" M.S. angles box, M.S. 3/4 sq. iron, 2"x3/4" flat patti, iron sheet 16SWG i/c cutting, welding & erection complete in all respects and as approved by the Engineer incharge. Size 3'x3'x13' = 3x433.59	1807.00 Kg	145.92	P/Kg	263,677.44	
						Total	907,449.00
Electric work (Schedule)							
1	24/3-iii	Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. 25 mm i/d	60.00 Rft	44.55	P/Rft.	2,673.00	
						Total	2,673.00

The Islamia University of Bahawalpur

6 Construction of Roof Top Morchas & Ground Trenches at Abbasia Campus, Khawaja Fareed Campus

A Construction of Roof Top Bricks Morchas at Abbasia/Khawaja Fareed Campus

MRS July-Dec 2017

No.	Ref	Description	Quantity	Rate	Unit	Amount
Civil work (Schedule)						
1	7/5-I + 7/6-i	Pacca brick work in ground floor:- i) cement, sand mortar:- 'Ratio 1:5	87.18 Cft	19198.60	% Cft	16,737.34
2	6/6-a(i)	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 in situ, complete in all respects Type C (nominal mix 1: 2: 4)	7.17 Cft	345.25	P/Cft	2,475.44

No	Ref #	Description	Quantity	Rate	Unit	Amount
3	6/9-b	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) deformed bars	29.23	Kg	10777.55 % Kg	3,150.28
4	11/9-b	Cement plaster 1:4 upto 20' (6.00 m) height '½" (13 mm) thick	277.68	Sft	1758.05 % Sft	4,881.75
5	25/10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, 'tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	78.00	Kg	12242.65 % Kg	9,549.27
6	10/10	Brick tiles (12"x6"x2") (300x150x50mm) laid in 1:6 'cement mortar, over a bed of ¾" (20 mm) thick cement mortar 1:6.	49.00	Sft	4264.10 % Sft	2,089.41
7	6/5-f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	7.84	Cft	21958.20 % Cft	1,721.52
8	13/31	Preparing surface and painting with emulsion paint:- 3 Coat New Surface	313.68	Sft	1122.55 % Sft	3,521.21
TOTAL						44,126.23

Grand Total for 5 Nos. Morchas

220,630.00

B Construction of Roof Tops Bricks Morchas at Baghdad-ul-Jadeed Campus

MRS July-Dec 2017

No.	Ref	Description	Quantity	Rate	Unit	Amount
<u>Civil work (Schedule)</u>						
1	7/5-I + 7/6-i	Pacca brick work in ground floor:- i) cement, sand mortar:- 'Ratio 1:4 i/c extra high	87.18	Cft	19198.60 % Cft	16,737.34
2	6/6-a(i)	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 in situ, complete in all respects Type C (nominal mix 1: 2: 4)	7.17	Cft	345.25 P/Cft	2,475.44
3	6/9-b	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) deformed bars	29.23	Kg	10777.55 % Kg	3,150.28
4	11/9-b	Cement plaster 1:4 upto 20' (6.00 m) height '½" (13 mm) thick	277.68	Sft	1758.05 % Sft	4,881.75
5	25/10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, 'tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	78.00	Kg	12242.65 % Kg	9,549.27
6	10/10	Brick tiles (12"x6"x2") (300x150x50mm) laid in 1:6 'cement mortar, over a bed of ¾" (20 mm) thick cement mortar 1:6.	49.00	Sft	4264.10 % Sft	2,089.41
7	6/5-f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	7.84	Cft	21958.20 % Cft	1,721.52

No	Ref #	Description	Quantity	Rate	Unit	Amount
8	13/31	Preparing surface and painting with emulsion paint:- 3 Coat New Surface	313.68	Sft	1122.55 % Sft	3,521.21
TOTAL						44,126.23
Grand Total for 3 Nos. Morchas						132,378.00

C Construction of Ground Trenches at Abbasia/Khawaja Fareed Campus

MRS Jul to Dec 2017

No.	Ref	Description	Quantity	Rate	Unit	Amount
Civil work (Schedule)						
1	3/1-b	Earthwork excavation underdressed lead upto a single throw of Kassi, phaorah or shovel:- b) In ordinary soil.	63.00	Cft	2613.60 %oCft	164.66
2	6/3-d	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (d) Ratio 1: 6:12	15.75	Cft	10466.85 % Cft	1,648.53
3	7/4-i	Pacca brick work in foundation and plinth in:- i) Cement, sand mortar:- 'Ratio 1:5	26.90	Cft	16751.90 % Cft	4,506.26
4	7/5-i	Pacca brick work in ground floor:- i) cement, sand mortar:- 'Ratio 1:5	123.00	Cft	17953.10 % Cft	22,082.31
5	6/6-a(i)	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 in situ, complete in all respects Type C (nominal mix 1: 2: 4)	11.53	Cft	345.25 P/Cft	3,980.73
6	6/9-b	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) deformed bars	47.00	Kg	10777.55 % Kg	5,065.45
7	11/9-b	Cement plaster 1:4 upto 20' (6.00 m) height '½" (13 mm) thick	395.25	Sft	1758.05 % Sft	6,948.69
8	25/10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, 'tanks, etc., including cutting, drilling, rebitting, handling, assembling and fixing, but excluding erection in position.	80.00	Kg	12242.65 % Kg	9,794.12
9	10/10	Brick tiles (12"x6"x2") (300x150x50mm) laid in 1:6 'cement mortar, over a bed of ¾" (20 mm) thick cement mortar 1:6.	64.00	Sft	4246.10 % Sft	2,717.50
10	6/5-f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	10.24	Cft	21958.20 % Cft	2,248.52
11	13/31	Preparing surface and painting with emulsion paint:- 3 Coat New Surface	459.25	Sft	1122.55 % Sft	5,155.31
12	6/33-a	P/L D.P.C of c.conc 1:2:4 i/c bitumen 2" thick	15.37	Sft	5128.30 % Sft	788.22
TOTAL						65,100.31
Grand Total for 3 Nos. Trenches						195,301.00

No	Ref #	Description	Quantity	Rate	Unit	Amount
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D Construction of Ground Trenches at Baghdad-ul-Jadeed Campus

MRS Jul to Dec 2017

No.	Ref	Description	Quantity	Rate	Unit	Amount
Civil work (Schedule)						
1	3/1-b	Earthwork excavation underdressed lead upto a single throw of Kassi, phaorah or shovel:- b) In ordinary soil.	63.00	Cft	2613.60 %oCft	164.66
2	6/3-d	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (d) Ratio 1: 6:12	15.75	Cft	10466.85 % Cft	1,648.53
3	7/4-i	Pacca brick work in foundation and plinth in:- i) Cement, sand mortar:- 'Ratio 1:5	26.90	Cft	16751.90 % Cft	4,506.26
4	7/5-i	Pacca brick work in ground floor:- i) cement, sand mortar:- 'Ratio 1:5	123.00	Cft	17953.10 % Cft	22,082.31
5	6/6-a(i)	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 in situ, complete in all respects Type C (nominal mix 1: 2: 4)	11.53	Cft	345.25 P/Cft	3,980.73
6	6/9-b	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) deformed bars	47.00	Kg	10777.55 % Kg	5,065.45
7	11/9-b	Cement plaster 1:4 upto 20' (6.00 m) height '½" (13 mm) thick	395.25	Sft	1758.05 % Sft	6,948.69
8	25/10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, 'tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	80.00	Kg	12242.65 % Kg	9,794.12
9	10/10	Brick tiles (12"x6"x2") (300x150x50mm) laid in 1:6 'cement mortar, over a bed of ¾" (20 mm) thick cement mortar 1:6.	64.00	Sft	4246.10 % Sft	2,717.50
10	6/5-f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	10.24	Cft	21958.20 % Cft	2,248.52
11	13/31	Preparing surface and painting with emulsion paint:- 3 Coat New Surface	459.25	Sft	1122.55 % Sft	5,155.31
12	6/33-a	P/L D.P.C of c.conc 1:2:4 i/c bitumen 2" thick	15.37	Sft	5128.30 % Sft	788.22
TOTAL						65,100.31

Grand Total for 4 Nos. Trenches

260,401.00

GRAND TOTAL (A+B+C+D)

808,710.00

The Islamia University of Bahawalpur

7

Uplifting of Canteen at Faculty of Education at Baghdad-ul-Jadeed Campus

Civil Work

(Jul to Dec, 2017)

No	Ref #	Description	Quantity	Rate	Unit	Amount
No.		Description	Quantity	Rate	Unit	Amount
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) in ordinary soil.	262.50 Cft	6130.10	%o Cft	1609.15
2		Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (d) Ratio 1:4:8	39.35 Cft	12426.20	% Cft	4889.71
3		Pacca brick work in foundation and plinth in:- Cement, sand mortar:- Ratio 1:5	85.86 Cft	16751.90	% Cft	14383.18
4		Pacca brick work in ground floor:- Cement, sand mortar:- Ratio 1:3	174.60 Cft	19202.30	% Cft	33527.22
5		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) deformed bars	195.95 Kg	10777.55	% Sft	21118.61
6		(a) (i) 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 in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)	45.36 Cft	345.25	P/Cft	15660.54
7		Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick	1174.50 Sft	1758.05	% Sft	20648.30
8		Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	23.62 Cft	3564.00	% Cft	841.82
9		Supplying and filling sand under floor; or plugging in wells.	23.62 Cft	1922.00	% Cft	453.98
10		Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- 1.5" thick	94.50 Sft	3712.25	% Sft	3508.08
11		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: new surface 3 coats	1174.50 Sft	2793.20	% Sft	32806.13
12		Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	48.00 Cft	21958.20	% Cft	10539.94
			TOTAL	=		159,986.64
No.		Description	Quantity	Rate	Unit	Amount
		<u>Civil Work N.S</u>				

No	Ref #	Description	Quantity	Rate	Unit	Amount
1		Providing & laying 3/4" Thick Marble Slab (Taveera) of approved quality including (rounding of corner) and 1:2 cement sand mortar for laying of marble tiles 3/4" thick i/c rubbing grinding and chemical polishing, complete in all respects as per specifications and drawings and as approved by the Engineer Incharge. (for Food Stall Slabs)	94.50 Sft	289.54	P/Sft	27361.53
2		Providing and fixing Truss M.S square Pipe 1.5"x1.5" 18 SWG and vertical i/c fixing polycarbonate sheet 5mm thick i/c fixing material painting new surface 3 coats, complete in all respect as per design as approved by Engineering Incharge.	465.00 Sft	291.68	P/Sft	135631.20
			TOTAL	=		162,992.73