

# The Islamia University of Bahawalpur

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

### Civil Work

MRS Jan-Jun, 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	12253.40	% Cft	30,388.43
4	7/4	Pacca brick work in foundation & plinth with cement sand mortar (1:6)	1075.00 Cft	16294.20	% Cft	175,162.65
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	291.00 Sft	4288.15	% Sft	12,478.52
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	3057.35	% Sft	5,656.10
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	243.30	Per Cft	41,361.00
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 1040.00 Cft	2935.70 8501.60	%o Cft %o Cft	2,642.13 8,841.66
9	7/5	Pacca Brick work in Ground Floor with cement sand mortar i) Ratio 1:5 ii) Ratio 1:3	910.00 Cft 75.00 Cft	17869.10 19112.30	% Cft % Cft	162,608.81 14,334.23
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	10030.50	% Kg	111,840.08
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 Cft 322.00 Cft	335.75 364.95	Per Cft Per Cft	16,787.50 117,513.90
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	138.10	Per Sft	24,167.50

No	Ref #	Description	Quantity	Rate	Unit	Amount	
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	469.45	Per Sft	30,983.70
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	1978.05	% Sft	18,296.96
16	11/11	Cement plaster upto 20' (6.00 mm) height:- ½" (13 mm) thick	5085.00	Sft	1667.65	% Sft	84,800.00
	11/8	i) Ratio 1:5 ii) Ratio 1:3	508.00	Sft	1838.10	% Sft	9,337.55
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	7069.95	% Sft	53,095.32
18	7/30	Supplying and filling sand under floor; or plugging in wells.	475.00	Cft	1682.00	% Cft	7,989.50
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	4724.05	% Sft	42,516.45
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	20902.20	% Cft	10,451.10
23	11/22	Priming coat of chalk under distemper.	3000.00	Sft	131.70	% Sft	3,951.00
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

No	Ref #	Description	Quantity	Rate	Unit	Amount
27	9/15	Making Khuras on roof 2'x2' size	2.00 No	462.10	Each	924.20
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	637.60	Per Sft	38,256.00
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	184.95	Per Sft	12,946.50
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	64.40	Per Sft	4,508.00
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
<b>Total</b>						<b>1,222,120.00</b>

#### Civil Work (Non-Schedule)

No	Ref.	Description	Quantity	Rate	Unit	Amount
1		Providing & Fixing marble 3/4" thick Buticina fancy 12"X12" with floating coat of cement over a bed of 3/4" 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	450.00 Sft	188.00	Per Sft	84,600.00
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 3/4" thick cement mortar 1:2 complete in all respects as approved by Engineering incharge.	300.00 Sft	178.00	Per Sft	53,400.00
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	298.58	Per Sft	5,971.60
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	343.00	Per Sft	42,875.00

No	Ref #	Description	Quantity	Rate	Unit	Amount
6	N.S	Providing & fixing Kitchen cabinet 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	346.00	Per Sft	10,380.00
7	N.S	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
					<b>Total</b>	<b>213,099.00</b>
1	24/3	<b>Electrical Work</b> 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	24/10	Supply and erection of single core PVC insulated copper conductor cables, in pre-laid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing and 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")	450.00 Rft 200.00 Rft 100.00 Rft	11.45 15.75 31.95	Per Rft Per Rft Per Rft	5,152.50 3,150.00 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") ii) 17.5 x 10 cm (7"x4") iii) 20 x 25 cm (8"x10")	6.00 No 4.00 No 2.00 No	152.70 201.40 369.40	Each Each Each	916.20 805.60 738.80
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 ii) 10/15 Amp	5.00 No 3.00 No	69.95 95.65	Each Each	349.75 286.95
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	265.95	Per Rft	2,659.50
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	135.15	Per Kg	1,351.50

No	Ref #	Description	Quantity	Rate	Unit	Amount
11	24/13 -a	Supply and erection of copper conductor cables for service connection, in pre-laid 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
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	4335.95	Each	4,335.95
					<b>Total</b>	<b>54811.00</b>
<b>Electrical work (Non-Schedule)</b>						
1	N.S	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 No 2.00 No	4593.00 2613.00	Each Each	13,779.00 5,226.00
2		Supply and erection Fancy Light with LED Bulb Phillips (3 Watt) on external side of the building best quality as approved by the engineer incharge.	2.00 No	2784.00	Each	5,568.00
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" <b>INCOMMING</b> 1x30 Amps Single Phase MCB (Two Pole) <b>OUTGOING</b> 2 Nos 20 Amps single phase 2 Nos 10 Amps single phase 2 Nos 6 Amps single phase	1.00 No	7244.00	Each	7,244.00
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 required at site of work complete in all respects as approved by the engineer incharge.	2.00 No	391.00	Each	782.00
					<b>Total</b>	<b>44,445.00</b>

No	Ref #	Description	Quantity		Rate	Unit	Amount
1	19/3	<b>Plumbing Work</b> Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. Coloured	2.00	No	1415.25	Each	2,830.50
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.	2.00	No	1180.05	Each	2,360.10
3	19/34	P/F "P" trap:- 10 cm (4") glazed.	7.00	No	136.65	Each	956.55
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	160.30 431.20 249.60 225.60	Each Each Each Each	320.60 862.40 499.20 451.20
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	84.90 126.90	Each Each	424.50 253.80
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

No	Ref #	Description	Quantity	Rate	Unit	Amount
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	5681.45	Each	5,681.45
					<b>Total</b>	<b>61,778.00</b>
		<b>Plumbing Work (Non-Schedule)</b>				
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	185.00	Per Rft	18,500.00
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	97.87	Per Rft	9,787.00
		i) 32 mm dia	70.00 Rft	78.00	Per Rft	5,460.00
		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	4581.55	Each	9,163.10
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	512.00	Each	1,024.00
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

No	Ref #	Description	Quantity	Rate	Unit	Amount	
11	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	
12	N.S	Providing & Fitting plastic floor jali	6.00 No	210.00	Each	1,260.00	
						<b>Total</b>	<b>70,526.00</b>
<b>Compound Wall &amp; Main Gate</b>							
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	12253.40	% Cft	12,253.40	
3	7/4	Pacca brick work in foundation & plinth with cement sand mortar (1:6)	350.00 Cft	16294.20	% Cft	57,029.70	
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	4463.25	% Sft	3,124.28	
5	7/7	Pacca brick work other than building upto 10ft. (3 m) height. cement, sand mortar:- 1:3	250.00 Cft	18479.75	% Cft	46,199.38	
6	11/11	Cement plaster upto 20' (6.00 mm) height:- ½" (13 mm) thick Ratio 1:5	1200.00 Sft	1667.65	% Sft	20,011.80	
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	701.00	Per Sft	7,010.00	
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	815.55	Per Sft	24,466.50	
						<b>Total</b>	<b>206,679.00</b>

Total of One Unit

1,873,458.00

Total Units

14

**Total Cost of 14 Units**

**26,228,412.00**

2

## The Islamia University of Bahawalpur

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

#### Civil Work

MRS Jan-Jun, 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
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	12253.40	% Cft	29,040.56



No	Ref #	Description	Quantity	Rate	Unit	Amount
4	7/4	Pacca brick work in foundation & plinth with cement sand mortar (1:6)	1238.00 Cft	16294.20	% Cft	201,722.20
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	4288.15	% Sft	12,092.58
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	150.00 Sft	3057.35	% Sft	4,586.03
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	243.30	Per Cft	32,845.50
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 1210.00 Cft	2935.70 8501.60	%o Cft %o Cft	8,337.39 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 145.00 Cft	17869.10 19112.30	% Cft % Cft	182,622.20 27,712.84
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	10030.50	% Kg	100,305.00
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	335.75	Per Cft	100,725.00
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	138.10	Per Sft	20,715.00
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 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.	70.00 Sft	469.45	Per Sft	32,861.50

No	Ref #	Description	Quantity	Rate	Unit	Amount
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	1978.05	% Sft	9,613.32
16	11/11	Cement plaster upto 20' (6.00 mm) height:- 1/2" (13 mm) thick	4700.00 Sft	1667.65	% Sft	78,379.55
	11/8	i) Ratio 1:5 ii) Ratio 1:3	300.00 Sft	1838.10	% Sft	5,514.30
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	7069.95	% Sft	33,935.76
18	7/30	Supplying and filling sand under floor; or plugging in wells.	155.00 Cft	1682.00	% Cft	2,607.10
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	4724.05	% Sft	23,620.25
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	20902.20	% Cft	4,180.44
23	11/22	Priming coat of chalk under distemper.	2465.00 Sft	131.70	% Sft	3,246.41
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	462.10	Each	924.20
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 (40 mmx 40 mmx 6mm) with M.S. flat 2"x1/4"	35.00 Sft	637.60	Per Sft	22,316.00
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 cm <sup>2</sup> ) including iron fittings etc. complete: Deodar wood framing 1 1/2" thick, with wire gauze fixed in position:- with springs or spring hinges	25.00 Sft	405.80	Per Sft	10,145.00
30	12/54	Providing and fixing M.S. flat 1/2"x1/8" (13mm x 3mm) Grill 'including 3/4" 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	184.95	Per Sft	12,946.50
31	12/55	Providing and fixing G.I. wire gauze 22 SWG, 12x12				

No	Ref #	Description	Quantity	Rate	Unit	Amount
		'meshes per square inch, (5x5 meshes in cm2) fixed to steel window, complete with flat iron patti 1/2"x 1/8" and machine made screws.	70.00 Sft	64.40	Per Sft	4,508.00
32	12/18	Providing and fixing sliding bolt to doors:- brass sliding bolt, 12" (300 mm) long	6.00 No	337.75	Each	2,026.50
					<b>Total</b>	<b>1,140,090.00</b>

**Civil Work (Non-Schedule)**

No	Ref.	Description	Quantity	Rate	Unit	Amount
1		Providing & Fixing marble 3/4" thick Buticina fancy 12"X12" with floating coat of cement over a bed of 3/4" 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	188.00	Per Sft	75,200.00
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 3/4" thick cement mortar 1:2 complete in all respects as approved by Engineering incharge.	250.00 Sft	178.00	Per Sft	44,500.00
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.	80.00 Sft	129.00	Per Sft	10,320.00
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)	10.00 Sft	298.58	Per Sft	2,985.80
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.	90.00 Sft	343.00	Per Sft	30,870.00
6	N.S	Providing & fixing Kitchen cabinet 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	20.00 Sft	346.00	Per Sft	6,920.00
7	N.S	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
					<b>Total</b>	<b>173,768.00</b>

1	24/3	<b>Electrical Work</b> 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 Rft 100.00 Rft	38.35 45.30	Per Rft Per Rft	5,752.50 4,530.00
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No	Ref #	Description	Quantity	Rate	Unit	Amount
2	24/10	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). 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 Rft 150.00 Rft 80.00 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 No 2.00 No 2.00 No	152.70 201.40 369.40	Each Each Each	610.80 402.80 738.80
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 No 2.00 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	265.95	Per Rft	2,659.50
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	135.15	Per Kg	1,351.50
11	24/13-a	Supply and erection of copper conductor cables for service connection, in prelaid 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
12	24/68	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (1/2") 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	4335.95	Each	4,335.95
					<b>Total</b>	<b>44149.00</b>
1	N.S	<b>Electrical work (Non-Schedul)</b> 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 No 1.00 No	4593.00 2613.00	Each Each	9,186.00 2,613.00
2		Supply and erection Fancy Light with LED Bulb				

No	Ref #	Description	Quantity	Rate	Unit	Amount	
3	N.S	Phillips (3 Watt) on external side of the building best quality as approved by the engineer incharge. 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" <b>INCOMMING</b> 1x30 Amps Single Phase MCB (Two Pole)	2.00	No	2784.00	Each	5,568.00
4	N.S	<b>OUTGOING</b> 2 Nos 20 Amps single phase 2 Nos 10 Amps single phase 2 Nos 6 Amps single phase	1.00	No	7244.00	Each	7,244.00
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
						<b>Total</b>	<b>36,498.00</b>
1	19/3	<b>Plumbing Work</b> Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. Coloured	1.00	No	1415.25	Each	1,415.25
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	1180.05	Each	1,180.05
3	19/34	P/F "P" trap:- 10 cm (4") glazed.	6.00	No	136.65	Each	819.90
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	160.30 431.20 249.60 225.60	Each Each Each Each	160.30 431.20 249.60 225.60
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	1.00	No	2679.75	Each	2,679.75

No	Ref #	Description	Quantity		Rate	Unit	Amount
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	No	84.90	Each	254.70
			1.00	No	126.90	Each	126.90
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	Rft	57.75	Per Rft	2,887.50
			100.00	Rft	108.30	Per Rft	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:- 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	5681.45	Each	5,681.45
						<b>Total</b>	<b>46,772.00</b>
1	N.S	<b>Plumbing Work (Non-Schedule)</b> Providing, Laying, Fixing, testing uPVC plain ends socket pipe Type-B soil waste, 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	185.00	Per Rft	14,800.00
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 connect polydex pipes to other pipe and shower, wash basin, bibcock etc. as required at site i) 32 mm dia ii) 25 mm dia	78.00	Rft	97.87	Per Rft	7,633.86
			50.00	Rft	78.00	Per Rft	3,900.00
3	N.S	Providing & Fixing Sink bowl stainless steel 17"x21" size i/c waste pipe and waste coupling best quality complete in all respects 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)					

No	Ref #	Description	Quantity	Rate	Unit	Amount
5	N.S	best quality complete in all respects as approved by the engineer incharge Providing & Fixing Gate valve of PPRC 32 mm best quality complete in all respects as approved by the engineer incharge	1.00 No	4581.55	Each	4,581.55
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 restoratin 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
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	210.00	Each	840.00
					<b>Total</b>	<b>54,817.00</b>
1	3/21	<b>Compound Wall &amp; Main Gate</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	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	12253.40	% Cft	12,253.40
3	7/4	Pacca brick work in foundation & plinth with cement sand mortor (1:6)	350.00 Cft	16294.20	% Cft	57,029.70
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	4463.25	% Sft	3,124.28
5	7/7	Pacca brick work other than building upto 10ft. (3 m) height. cement, sand mortar:- 1:3	250.00 Cft	18479.75	% Cft	46,199.38
6	11/11	Cement plaster upto 20' (6.00 mm) height:- ½" (13 mm) thick Ratio 1:5	1200.00 Sft	1667.65	% Sft	20,011.80
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	701.00	Per Sft	7,010.00

No	Ref #	Description	Quantity	Rate	Unit	Amount
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 3/4" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement.	30.00 Sft	815.55	Per Sft	24,466.50
					<b>Total</b>	<b>206,679.00</b>

Total of One Unit 1,702,773.00  
Total Units 11  
**Total Cost of 11 Units 18,730,503.00**

### 3 The Islamia University of Bahawalpur

Construction of Walking Track in Study Park/Sports Facilities for Girls at Baghdad-ul-Jadeed Campus

#### Civil Work

MRS Jan-Jun, 2017

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.	390.00 Cft	6130.10	%o Cft	2,390.74	
2	Cement concrete brick or stone ballast 1 1/2 " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- Ratio 1:6:12	584.00 Cft	10310.25	% Cft	60,211.86	
3	Pacca brick work in foundation and plinth in:- Cement, sand mortar:- Ratio 1:6	293.00 Cft	16294.20	% Cft	47,742.01	
4	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 2: 4	20.00 Cft	20902.20	% Cft	4,180.44	
5	Providing & 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 required slope. Complete in all respects 50% grey / 50% coloured 60mm thick	650.00 Sft	96.05	Per Sft	62,432.50	
					<b>Total</b>	<b>176958.00</b>

### 4 The Islamia University of Bahawalpur

Laying of Earthing for various Transformers located at Abbasia, Railway and Baghdad-ul-Jadeed,

#### C) Electrical work(Non--Schedule)

No.	Description	Quantity	Rate	Unit	Amount	
1	Providing and Laying earthing for Electric Machines I/c boring up to moisture level (up to 60' below ground level) 4" i/d including copper strip 14" x 2" x 1/4" (350 x 50 x 6 mm) connecting with 1 Nos.bare copper wire of No.8 SWG to be run in PVC pipe 20mm i/d, 1 1/4" i/d GI pipe 5' long, GI tee & plug for watering also includes common salt, Lime (slaked) and charcoal around copper strip I/c connecting with Electric machine. Complete in all respects as approved and as directed by the engineer incharge.	40.00 Job	11,117.00	Each	444,680.00	
					<b>Total</b>	<b>444,680.00</b>

### 5 The Islamia University of Bahawalpur

Estimate for Providing and Laying of Service connection of Jamia Mosque from DG Set of Hospital at

#### A) Civil work

MRS: 1st Jul to Dec, 2016

No.	Description	Quantity	Rate	Unit	Amount
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No	Ref #	Description	Quantity	Rate	Unit	Amount
1		Excavation of trenches in all kinds of soil, except cutting 'rock, for watersupply 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. complete in all respects.....3/44	1500.00 Cft	4010.15	%o Cft	6,015.23
2		Dry brick on edge paving, sand grouted, including preparation of bed by watering, ramming & bringing the same to proper camber, by ½ "(13 mm) thick mud plaster.....10/5	230.00 Sft	3561.25	% Sft	8,190.88
					<b>Total</b>	<b>14,206.10</b>

**B) Electrical work**

MRS: 1st Jul to Dec, 2016

No.	Description	Quantity	Rate	Unit	Amount	
1	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):-PVC insulated, PVC sheathed 4-core 660/1100 volt grade cable, armoured with G.I. wire 16 SWG. 19/1.63 mm (19/0.064").....24/13-d(ii)	370.00 Rft	748.70	Per Rft	277,019.00	
2	Supply and erection of bus bars, for 500 volts 3 phase A.C. supply with four copper bars, including glazed porcelain bridges, on angle iron board, fixed with rag bolts and M.S. sheet box 1.5 mm thick, etc. complete:- 100 Amp. with 4 copper bars, size 1½"x1/8" (40 x 3 mm).....24/21-(ii)	1.00 No	3,005.05	Per Rft	3,005.05	
					<b>Total</b>	<b>277,019.00</b>

**Total (A+B) = 291,225.00**