

# The Islamia University of Bahawalpur

## 1 Extention (Construction of Additional Labs) of Khawaja Fareed Campus

MRS Jan to Jun, 2021

No.	Ref.	Description	Quantity	Rate	Unit	Amount
		<b>Civil Work (Scheduled Item)</b>				
1	3/21	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.	18250.00		Cft	
2	6/5	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 2: 4	2430.00		Cft	
3	6/3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- i) Ratio 1:4:8 i) Ratio 1:6:12	1825.00 625.00		Cft Cft	
4	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: 1.5: 3)	2514.50		Cft	
5	26/42	Spraying anti-termite liquid mixed with water in the ratio of 1:40	7235.00		Sft	
6	7/4	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:6	2925.00		Cft	
7	6/33	Providing and laying damp proof course of cement concrete 1:2: 4 (using cement, sand and shingle), including bitumen coating:- with one coat bitumen and one coat polythene sheet 500 gauge. 1.5" thick (40 mm)	487.50		Sft	
8	9/12	Two coats of bitumen laid hot using 34 lbs. per %Sft, or 1.72 Kg per square metre over roof and blinded with sand at one Cft. per %Sft. (0.003 cu.m per sq.m)	4960.00		Sft	
9	3/15	Filling, watering and ramming earth under floors:-	15375.00		Cft	
	+3/17	i) with surplus earth from foundation, etc. ii) with new earth excavated from outside, lead upto 3 mile {7427.5+3333.1+(42.25*12)}=11267.60	47613.75		Cft	
10	7/5	Pacca brick work in Cement, sand mortar:- Ratio 1:5 i) Ground Floor (7/5-i) ii) First Floor iii) Second Floor	5850.00 6251.00 541.50		Cft Cft Cft	
11	7/5	Pacca brick work in Cement, sand mortar:- Ratio 1:4 i) Ground Floor ii) First Floor	75.00 48.50		Cft Cft	
12	11/10	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. Ratio 1:3	14608.50		Sft	
13	11/9	Cement plaster 1:4 upto 20' (6.00 m) height:- i) ½" (13 mm) thick ii) ¾" (20 mm) thick	15214.50 7607.00		Sft Sft	
14	11/28	Extra for lime, mud or cement plaster and pointing from 20' (6.00 m) and above for each additional 10' (3.00 m) height or part thereof.	15214.00		Sft	
15	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 Deformed Bar 60-Grade	40245.50		Kg	

No.	Ref.	Description	Quantity	Rate	Unit	Amount
16	6/6	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 B (nominal mix1:1½:3) using harrow sand i) Ground Floor ii) First Floor v) Type C (nominal mix1:2:4) Ground Floor vi) Type C (nominal mix1:2:4) First Floor	5075.00 Cft 3893.00 Cft 620.00 Cft 148.50 Cft			
17	7/30	Supplying and filling sand under floor; or plugging in wells	1260.00 Cft			
18	6/2	Dry rammed brick or stone ballast, 1½" to 2"( 40 mm to 50 mm) gauge.	2894.00 Cft			
19	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.	843.00 Sft			
20	25/51	Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, using delux section of M/s Al-Cop or Pakistan 'Cables, having chowkat frame of size 40 x 100 mm (1½" x '4") and leaf frame of 60x40mm (2½"x1½") wide all of 2 mm thickness sections including the cost of ¼" (5 mm) thick imported tinted 'glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved 'standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge. (2mm thick)	124.00 Sft			
21	25/52	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of M/s Al-Cop or Pakistan 'Cables having frame size of 100 x 20 mm (4"x¾") and 'leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm 'thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.	4055.00 Sft			
22	25/53	Providing and fixing all types of glazed aluminium windows of anodized champagne colour partly fixed and party sliding using deluxe section of approved manufacturer having Frame of size100mmx 30mm using frame at bottom, at top and side leaf frame sections of 60mm x 23mm at top & bottom and size 45mm x25mm at center and size 45mm x 25mm at sides, Jali leaf frame size 43mm x 13mm i/c fine quality aluminum jali, 5mm thick imported tinted glass with rubber gas ket using approved standard latches, wheel, stopper, brush chennel angle joint and hardware etc.complete in all respect 2 mm thick	460.50 Sft			
23	5/10 '+	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, including erection in position.	160.00 Kg			
24	13/31	Preparing surface & painting with 3 coats Emulsion paint complete in all respects	15840.00 Sft			
25	13/5	Painting new surface: Preparing surface and painting of doors and windows any type (including edges):- 3 coats	1640.00 Sft			
26	13/32	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 2 coats, upto 20' height	17450.00 Sft			
27	13/39	Extra labour for painting, varnishing, etc. from 20' (6.10 m) height and above, for every additional 10' (3.05 m) height,or part thereof, requiring scaffolding.	4526.00 Sft			

No.	Ref.	Description	Quantity	Rate	Unit	Amount
28	12/7	First class deodar wood wrought joinery in doors and windows, etc. panelled, or panelled or glazed, or fully glazed, fixed in position, including chowkat, holdfast, hinges, tower bolts, chocks, rubber stop, cleats/G.I. clamps, handles and chord with hooks, etc. complete (excluding sliding bolt or lock):- 1½" thick (40 mm)	56.00		Sft	
29	10/15	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- 2" thick	3112.50		Sft	
30	12/18	Providing and fixing sliding bolt to doors:- iron sliding bolt, 12" (300 mm) long	19.00		No	
31	10/42	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1½"x3/8" (40x10mm)	1550.00		Rft	
32	10/43	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope complete in all respect. (50% Grey / 50% Coloured) 60 mm thick	2550.00		Sft	
33	6/24	Providing and fixing 6 in (150 mm). wide curved sheet of required shape fixed on face of the construction joint with G.I. screw, 1.5 in (40 mm) long to cover construction joints vertically:- G.I. sheet, 18 SWG	166.00		Rft	
34	25/36	Providing and fixing collapsible gate made of 2"x2"x¼" (50x50x6 mm) tee iron at top and bottom, channel iron verticals ¾"x¼"x¼"x1/8" at 3" (75 mm) to 5" (125 mm) centre to centre (approximate) and flat iron crosses 3"x3/16" (75x5 mm), and best quality rollers at bottom of 3" (75 mm) diameter including holdfasts, handles 12" (300 mm) long of ¾"x¼"x¼"x1/8" (20x6x6x3 mm) channel iron, locking arrangement inside and outside, painting 3 coats of black Japan enameled, complete in working order.	96.00		Sft	
35	10/18	Extra labour for each storey above ground, for mosaic, conglomerate, tiles, stone and wooden floor.	7845.00		Sft	
36	9/45	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation/Foam Board on roof or walls, Density 32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water absorption (1% by volume, cell structure closed cell) i/c cutting and placing in position complete in all respect 1.5" thick	7845.00		Sft	
37	9/5	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4" (100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	7845.00		Sft	
38	9/15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	6.00		No	
39	26/37	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. 500 gauge (.005" thick)	27900.00		Sft	
40	6/12	Providing and fixing ornamental cement jali 2" (50 mm) thick (1: 2: 4), without steel.	62.00		Sft	
41	6/28	Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.	310.00		Rft	
1	N.S	<b>Civil Work (Non-Schedule)</b> Providing, Fabricating and fixing 16 SWG M.S sheet hollow pressed Jamb frame (Factory primme) for door welded with MS flat size 10"x1"x1/8", hold fast i/c welding/screwing 4" long iron hinges, filling concrete for the jamb frame and embedding hold fast in the adjoining walls with 1:2:4 concrete, enamel painting etc. complete in all respects as show on the drawing and/ or as directed by the engineer, in conformance with following size				

No.	Ref.	Description	Quantity	Rate	Unit	Amount
		i) 10"x2-1/2"	560.50		Sft	
		ii) 6"x2-1/2"	810.00		Sft	
2	N.S	Providing & Fixing Fair Face Brick Guttka 9"x3"x2.25" (straight or on edges) joint in 1:3 cement surkhi over 3/4" thick (AVG) 1:4 C/S base mortar on wall including laying ornamental bricks in approved pattern, scaffolding & during at any height, complete in all respect as shown on the drawing or as directed by the engineer incharge.	8725.00		Sft	
3	N.S	Providing & Laying pre-polished granite marble slab 3/4" thick of aproved quality colour, shade & texture for stair treads set over 3/4" thick 1:3 cement sand mortar in i/c rendering off 2 Nos non-skirdding grooves (3/4" wide & 1/4" deep) in each steps, rounding off front edges, complete in all respects as shown in the drawing and or as directed by the engineer incharge	1240.00		Sft	
4	N.S	Providing and laying Floor Tile 24"x24" Granite with dry/wet/venied application, DWV series Polished (Dark color) class SB including 05% Wastage laid in cement with pigment on a bed of 3/4" thick cement sand mortar 1:2, complete in all respects as approved by Engineering inch.	12200.00		Sft	
5	N.S	Providing and laying Dado Tile 24"x4" Granite with dry/wet/venied application, DWV series Polished (Dark color) class SB including 05% Wastage laid in cement with pigment on a bed of 3/4" thick cement sand mortar 1:2, complete in all respects as approved by Engineering inch.	2550.00		Sft	
6	N.S	Providing and laying Floor Tile 12"x18" SP Series on matching color base (Glossy) Dark Color Rectified SB) including 05% Wastage laid in cement with pigment on a bed of 3/4" thick cement sand mortar 1:2, complete in all respects as approved by Engineer incharge (for Toilet Block)	2440.00		Sft	
7	N.S	Providing and laying Dado Tile 12"x18" SP Series on matching color base (Glossy) Dark Color Rectified SB) including 05% Wastage laid in cement with pigment on a bed of 3/4" thick cement sand mortar 1:2, complete in all respects as approved by Engineer incharge (for Toilet Block)	7325.50		Sft	
8	N.S	Providing & Fixing marble 3/4" thick Buticina fency 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	620.00		Sft	
9	N.S	M.S Steel Grill for windows comprising of 1/2"x1/2" square bar @ 4" c/c with 1.25"x1.25"x1/8" MS box angle iron for frame including painting 3 coats complete in all respect as shown on the drawings, specification and/ or as directed by the Engineer incharge	825.00		Kg	
10	N.S	Providing and fixing 1½" (40mm) thick uPVC flush door of approved design & make, all hardware/ accessories chromium plated fitting, iron hinges with aluminium kick plate 22 SWG on both sides & finger plate complete in all respect as approved by the engineer incharge	840.00		Sft	
11	N.S	Providing and fixing 3/4" thick PVC Board shutter with one side leminate & 3/4" x 3/4" PVC beading over wardrobe frame of 3"x1.5" M.S Box pipe 18 SWG including catchers, lock, CP hanger rod with hooks, hydruhc hinges, on beading complete in all respects including	250.00		Sft	
12	N.S	Putti filling for emulsion paint including rubbing and primary coat complete in all respects as approved by the Engineer Incharge.	15840.00		Sft	

No.	Ref.	Description	Quantity	Rate	Unit	Amount
13	N.S	Providing & Laying pre-polished China verona marble slab 1" thick rendered with bevelled edges on counter top set over 1/2" thick 1:3 cement sand mortar and expose joint fill with matching colour grout of white cement and colour pigment complete in all respects as shown in the drawing and or as directed by the engineer incharge	186.00		Sft	
14	N.S	Providing & Fixing Cabinet consisting of lamination board 3/4" thick for leaves, kail wood frame 2.50" x 1", Gola for leaf 3/4" x 3/4" including siprit polish for gola complete in all respects as per design, drawing & pattern as approved by the engineer incharge (Down portion) Floor Mounted Cabinets (Shutters only)	217.00		Sft	
15	N.S	Providing & Fixing Cabinet upper portion consisting of lamination board 3/4" thick box and leaves, Partial wood frame 3" x 1", Gola for leaf 3/4" x 3/4" including siprit polish for gola complete in all respects as per design, drawing & pattern as approved by the Engineer Incharge Wall Hanging Cabinets	155.00		Sft	
16	N.S	Providing & Fixing Hydraulic door closer including all hardware fitting best quality complete in all respect as approved by Engineer Incharge.	15.00		No	
17	N.S	Providing and fixing ornamental partial wooden architrave 3"x1/2" (75mmx12mm) tapered to 1/4" (6mm) all along the door frame complete in all respect as approved by the Engineer Incharge.	895.00		Sft	
18	N.S	2'-9" high stair railing comprising of 2-1/2" dia 16 gauge S.S pipe hand rail fixed with same dia pipe blusters as specified distance fixed at top of steps with expansion bolts, 3 Nos of 16 gauge 1/2" dia S.S pipes horizontally fixed with blusters complete in all respects	90.00		Rft	
19	N.S	Providing and fixing Steel door consisting of 16 gauge M.S sheet welded with M.S "L" section, 1-1/4" x 1-1/4" x 1/8" M.S "L" section welded with M.S Sheet, hinged with Chowkat, i/c locking arrangement, handles, hinges etc. duly enamel painted complete in all respects as per drawings and specifications and as approved by the Engineer in charge.	56.00		Sft	
20	N.S	Providing, applying and filling expansion joint with 2"x 3/4" thick elastomeric sealant (Poly-Sulphide) of approved manufacture over backing rod complete in all respect according to manufactures recommendations and to the entire satisfaction of the engineer incharge	186.00		Rft	
21	N.S	Providing and fixing of False Ceiling consisting of laminated Gypsum Board (one side laminated) of size 600 mm x 600 mm x 10 mm approx over aluminium Tee's 1" x 1" size at 2'-0"x2'-0" center to center longitudinally and transversally & aluminium angle of size 1" x 1" at corners/ ends, including all accessories such as steel hanging wire, hooks, screws, nails, rowel plugs, Cross Joints etc. complete in all respect, and as approved by the Engineer Incharge.	3348.00		Sft	
22	N.S	Providing & Fixing S.S pipe railing 2' high (For Gallery) comprising of 2.5" dia 16 SWG in corridor openings fixed with same dia pipe bluster at same distance with 2 No. 16 SWG 1/2" dia S.S pipe horizontally with accessories & fixing complete in all respect & as approved by the Engineer Incharge	200.00		Rft	
1	3/44	<b>Plumbing work</b> Excavation of trenches in all kinds of soil, except cutting rock for water supply pipe lines 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.	2170.00		Cft	

No.	Ref.	Description	Quantity	Rate	Unit	Amount
2	3/42	Earthwork excavation in open cutting for sewers & 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 upto: i) 0 to 7 ft	7440.00		Cft	
3	19/43	Providing & Fixing Brass <b>gas cock</b> 15mm 1/2" dia	10.00		No	
4	23/41	Making connection for new watersupply lines with the running main, including excavation of trench and refilling, complete, but excluding cost of pipe and specials, etc. i) upto 6" i/d (150 mm) ii) upto 8" i/d (200 mm)	1.00 1.00		Con. Con.	
5	19/19	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	12.00		No	
6	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 a) ¾" i/d (20 mm) b) 1" i/d (25 mm) c) 1½" i/d (40 mm)	310.00 310.00 155.00		Rft Rft Rft	
7	23/42	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe in trenches. complete in all respects PN-10 (SDR-17) i) 3" dia (90 mm)	248.00		Rft	
8	19/7	Providing and fixing stainless <b>steel sink</b> with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	3.00		No	
9	21/1	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 (9") i/d	310.00		Rft	
<b>Plumbing work (Non-Schedule)</b>						
1	N.S	Providing, fixing, cutting, jointing & testing uPVC drainage pipes of approved quality, i/c uPVC drainage fitting with soil vent cement jointing, " Type-B" or approved equal, rates i/c cost of clamping to walls and ceiling, hangers supports, cutting through wall & providing sleeves through concrete slab for pipe line & pipe fitting of following dia meters i) 4" i/d ii) 6" i/d	1240.00 930.00		Rft Rft	
2	N.S	Providing, fixing, jointing and testing polypropylene Random (PPR) pipes of approved quality, for cold water as per DIN 8077-8078, PN-20 for pipes and DIN 16962, PN-25 for fittings (polyfusion welded joints) inside building including fittings and specials (sockets, tees, elbows, bends, crosses, reducers, adaptor, plugs and union etc) recessed in walls or suspended form roof slab or run in chases including pipe hangers, supports, cutting and making good the chases and hole complete in all respects.  i) 25mm o.d ii) 32mm o.d iii) 40mm o.d iv) 50mm o.d	744.00 1674.00 930.00 310.00		Rft Rft Rft Rft	
3	N.S	Providing & Fixing uPVC P-trap 4" dia of approved quality	64.00		No	

No.	Ref.	Description	Quantity	Rate	Unit	Amount
4	N.S	Construction of collection chamber without grating complete in all respects as per drawing &/or as directed by the engineer	4.00	No		
5	N.S	Providing & Fixing grating at site with angle iron frame 1.5"x1.5"x1/4" and 1" square bars @ 1" c/c complete in all respects according to the drawing and specifications as per direction by the engineer incharge.	4.00	No		
6	N.S	Construction of square masonry manhole 2.50x2.50 ft. including cover & frame upto 5' depth	6.00	No		
7	N.S	Providing and installing <b>Brass Ball/ Handle valves</b> of approved quality of following nominal dia, including jointing, fitting, painting, testing, complete in all respects to match with PPR/uPVC pipes of following diameters. i) 25 mm O.D ii) 32 mm O.D iii) 40 mm O.D iv) 50 mm O.D	5.00 5.00 5.00 2.00	No No No No		
8	N.S	Supply and installation of <b>Gas geysers</b> of following capacity , including ball valves on inlet and outlet connections complete in all respects. 14 SWG tank, 55 gallon	4.00	No		
9	N.S	Providing & Fixing <b>Looking Glass</b> 5-mm thick best quality, complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.	248.00	Sft		
10	N.S	Providing & Fitting Steel <b>floor jali</b> best quality complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.	20.00	No		
11	N.S	Providing & Fixing <b>Muslim shower</b> (HD-30 Porta or equivalent company) with double bib cock (HDA-5270B Universal) & flexibe steel pipe complete unit i/c all accessries required at site complete in all respect as per specifications as approved by the Engineer incharge	8.00	No		
12	N.S	Providing and fixing Coloured Glazed <b>Earthen ware water closet</b> Europen type Couple set including Flush Tank fixed with comode, normal seat cover, sheet cover thimble, connection pipe Complete in all respect and approved by Engineering Incharge. (HD201 Porta or equivalent company)	8.00	No		
13	N.S	Providing and fitting <b>Flushing cistern 3-Gallon</b> capacity including Bracket set & Hockey pipe best quality complete in all respects as approved by the engineer incharge (HD3T Porta or equivalent company)	16.00	No		
14	N.S	Providing and fitting glazed earthen ware <b>water closet (WC)</b> Orisa pattern, combined with foot rest best quality complete in all respects as approved by the engineer incharge (HDD9 Porta or equivalent company)	16.00	No		
15	N.S	Providing and fitting glazed earthen ware <b>Counter basin/Vanity</b> (HD16 Porta or equivalent company) including waste pipe and waste coupling, etc. best quality complete in all respects as approved by the engineer incharge	12.00	No		
16	N.S	Providing and fitting Chromium plated Single lever <b>Basin Mixer</b> complete in all respects as approved by the engineer incharge (Porta HDA0501M or equivalent company)	8.00	No		
17	N.S	Providing and fitting Single Lever <b>Bath Mixer</b> (Porta HDA0563Y) or equivalent complete in all respects as approved by the engineer incharge	8.00	No		
18	N.S	Providing and fitting <b>Top Shower</b> 6" dia (Porta HDDP2172) or equivalent complete in all respects as approved by the engineer incharge	4.00	No		
19	N.S	Providing and fitting <b>Wash Basin</b> with Pedestal (Porta HD17) or equivalent complete in all respects as approved by the engineer incharge	16.00	No		

No.	Ref.	Description	Quantity	Rate	Unit	Amount
20	N.S	Providing and fitting <b>S.S Grip Bar</b> (Porta HD95 456mm) or equivalent complete in all respects as approved by the engineer incharge	4.00	No		
21	N.S	Providing and fitting Chromium <b>Tee Stop Cock</b> Porta HDJ817A or equivalent complete in all respects as approved by the engineer incharge	160.00	No		
<b>Electrical Work (Schedule)</b>						
1	24/3	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) iii) 1.50" i/d (40 mm) iv) 2" i/d (50 mm)	2500.00 2200.00 1000.00 1500.00	Rft Rft Rft Rft		
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). 250/440 volts, PVC insulated: i) 3/0.74 mm (3/0.029") ii) 7/0.74 mm (7/0.029") iii) 7/1.12 mm (7/0.044") iv) 7/1.63 mm (7/0.064") v) 19/1.32 mm (19/0.052") vi) 19/1.63 mm (19/0.064")	6500.00 8200.00 7500.00 3000.00 3000.00 1000.00	Rft Rft Rft Rft Rft Rft		
3	24/30	Supply and erection of ceiling rose, bakelite	40.00	No		
TOTAL						
<b>Electrical Work (Non-Schedule)</b>						
1	N.S	Providing & laying of PVC/PVC 2-Core flexible 23/0.0076" copper conductor cable i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (KM, Eagle or Equivalent)	75.00	M		
2	N.S	Providing & laying of PVC/PVC 3-Core flexible 40/0.0076" copper conductor cable i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (KM, Eagle or Equivalent)	81.00	M		
3	N.S	Supply & installation of LED 17W Down Light (6" Surface Mounted, 220V~) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips Meson or Equivalent)	30.00	No		
4	N.S	Supply & installation of Wall Mounted LED Batten Light 20W (220V~, 6500K) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips Slimline or Equivalent)	10.00	No		
5	N.S	Supply & installation of Wall Bracket Fan 18" (99.99% Copper) i/c any accessories (i.e. mounting screws & etc) as required at site. Complete in all respect as directed and approved by the Engineer Incharge (Younis, Tamoor, Pakfan or Equivalent)	2.00	No		
6	N.S	Supply & installation of Metal Body Wall Bracket Fan 24" (99.99% Copper) i/c any accessories (i.e. widening of mounting holes and 4.00nos of rawl bolts 1/4" etc) as required at site. Complete in all respect as directed and approved by the Engineer Incharge (SK mega or Equivalent)	1.00	No		



No.	Ref.	Description	Quantity	Rate	Unit	Amount
7	N.S	Supply & installation of Ceiling Fans, 56" sweep (As per "Pakistan Energy Lable" certified manufacturers). i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge	65.00	No		
8	N.S	Supply & installation of PVC Exhaust fan 12" (99.99% Copper) i/c any accessories (i.e. screw. Rawl plug or steel nail, etc.) as required at site. Complete in all respect as directed and approved by the Engineer Incharge (GFC, Indus, Pakfan or Equivalent)	6.00	No		
9	N.S	Supply & installation of Universal 3-Pole Socket with 13A Switch with plastic back box 3"x 3" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips ECO Series Q2 or Equivalent)	120.00	No		
10	N.S	Supply & installation of a Power plug 15A with plastic back box 3"x 3" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips ECO Series Q2 or Equivalent)	50.00	No		
11	N.S	Supply & installation of a Fan Dimmer 300W with plastic back box 3"x 3" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips ECO Series Q2 or Equivalent)	65.00	No		
12	N.S	Supply & installation of a Four Single Pole Switch Plate with plastic back box 3"x 3" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips ECO Series Q2 or Equivalent)	4.00	No		
13	N.S	Supply & installation of a Eight Single Pole Switch Plate with plastic back box 3"x 6" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge. (Philips ECO Series Q2 or Equivalent)	34.00	No		
14	N.S	Supply & installation of a Four Single Pole Switch & Two 2-Pin Socket Plate with plastic back box 3"x 6" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge. (Philips ECO Series Q2 or Equivalent)	4.00	No		
15	N.S	Supply, installation, connection & commissioning of distribution boards, (Sub Main DB-N), Open type Wall mounted design, made of M.S. Sheet 18 SWG with hinged glass door, handle, and 2 coats of Approved paint, (Size 18"x24") including Incoming Main Molded Case Circuit Breaker of 80 Amps T-p (15KA) 1.00 No, Distribution Miniature Circuit Breaker of 10/20 Amps S-p (6KA) 18.00 Nos, LED phase light volt meter type (RYB), Earthing bar, Neutral bar and any accessories (i.e. Earth/neutral bar, Nut/bolts, Screws/rawl plugs, Jumper connections & etc.) required at site. Complete in all respects as approved by the engineer incharge. (for MCCB & MCBs Hitachi, Schneider Electric, Legrand or equivalent ).	4.00	No		
16	N.S	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.	2.00	No		
17	N.S	Supply & installation of Wall Light with 3 Watt LED Blub (Philips) (220V~, 6500K) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge.	20.00	No		
18	N.S	Supply & installation of LED 2'x 2' Ceiling Panel Light 36W (220V~, CW or WW) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips 36S/865 PSU W60L60 GM G2 or Equivalent)	140.00	No		
19	N.S	Supply & installation of 2' x 2' False Ceiling Fan 16" swipe (99.99% Copper), remote controlled i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Royal, Super-asia or Equivalent)	5.00	No		

No.	Ref.	Description	Quantity	Rate	Unit	Amount
20	N.S	Supply & installation of PVC Fan Box with iron bar i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge. (GM, Bitu or equivalent)	65.00 No			

## The Islamia University of Bahawalpur

### 2 Construction of Rooms Under Overhead Water Tank at RYK Campus

MRS Jan-June, 2021

No	Ref	Description	Quantity			
		<b>Civil Work (Schedule Items)</b>				
1	3/21-b	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	2560.00	Cft		
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	211.20	Cft		
3	7/4-i	Pacca brick work foundation & plinth cement, sand mortar:- Ratio 1:5	716.80	Cft		
4	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	10600.00	Kg		
5	6/6 (a)(ii)	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:- Ratio (1:2:4)				
		i) Ground Floor	216.00	Cft		
		ii) Firts Floor	74.50	Cft		
6	7/5	Pacca brick work cement, sand mortar:- Ratio 1:5				
		i) Ground Floor	3780.00	Cft		
		ii) First Floor	2700.00	Cft		
7	6/5 f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 2: 4	66.00	Cft		
8	10/42-a	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels. Size 1½" x 3/8" (40 x 10 mm)	800.00	Rft		
9	10/15-e	Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:- 2"(50 mm) thick	400.00	Sft		
10	11/10-b	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	876.00	Sft		
11	11/9-b	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick				
		upto 20' (6.00 m) height:-	5689.50	Sft		
		upto 20' to 30' height:-	2880.00	Sft		
12	13/32-A	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 2-coat	6050.00	Sft		
13	18/19	Providing and laying dry brick pavement/soling in streets or roads, etc. sand grouted, laid in proper camber, including preparation, watering, compaction of bed to proper camber, and sand cushion.	1120.00	Cft		

No.	Ref.	Description	Quantity	Rate	Unit	Amount
14	10/7	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	400.00		Sft	
15		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.	748.00		Kg	
16		Erection and fitting in position iron trusses, staging of water tanks, etc.	748.00		Kg	
17		Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work:- new surface 3 coats	768.00		Sft	
ii		Preparing surface and painting of doors and windows any type (including edges):-	445.00		Sft	
18		Filling, watering and ramming earth under floors:- 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).				
i		with surplus earth from foundation, etc.	1247.00		Cft	
ii		ii) with new earth excavated from outside, lead upto one chain (30 m). i/c	5381.00		Cft	
19		Providing and fixing 1½" (40mm) thick <b>solid flush door</b> 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 aluminum kick plate 22 SWG on both sides & finger plate complete in all respect.	196.00		Sft	
20		Providing and fixing mild steel <b>chowkat of doors</b> , windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	196.00		Sft	
		<b>Civil Work (Non Schedule Items)</b>				
1		Providing and laying Floor Tile 24"x24" Granite with dry/wet/veined application, DWV series Polished (Dark color)class SB including 05% Wastage laid in cement with pigment on a bed of 3/4" thick cement sand mortar 1:2, complete in all respects as approved by Engineering incharge	4632.00		No	
2		Providing and laying Floor/Dado Tile 24"x24" with dry/wet/veined application, Salt' Pepper (SPM-110) Dark Polished SB including 05% Wastage laid in cement with pigment on a bed of 3/4" thick cement sand mortar 1:2, complete in all respects as approved by Engineering incharge.	2175.00		No	
3		Providing & Laying pre-polished granite marble slab 3/4" thick of approved quality colour, shade & texture for stair treads set over 3/4" thick 1:3 cement sand mortar in i/c rendering off 2 Nos non-skirdding grooves (3/4" wide & 1/4" deep) in each steps, rounding off front edges, complete in all respects as shown in the drawing and or as directed by the engineer incharge	247.00		Sft	
4		Providing/Using Sulphate Resistant Cement instead of Ordinary Portland Cement up to plinth level and flooring. (Difference in cost of OPC & SRC) to protect effect of dampness and salts.	250.00		Bag	
5		Providing and fixing truss M.S pipe (1.50"x1.50") 18 SWG for main frame & M.S square pipe (1"x1") 18 SWG for Ribs i/c fixing of fiber glass sheet (3mm thick ) over truss skeleton including painting 3 coats as per design, drawing & pattern and as approved by the engineer incharge complete in all respect.	384.00		Sft	

No.	Ref.	Description	Quantity	Rate	Unit	Amount
6		M.S Steel Grill for windows comprising of 1/2"x1/2" square bar @ 4" c/c with 1.25"x1.25"x1/8" MS box angle iron for frame including painting 3 coats complete in all respect as shown on the drawings, specification and/ or as directed by the Engineer incharge	384.00		Sft	
7		Providing and fixing 1½" (40mm) thick uPVC flush door of approved design & make, all hardware/ accessories chromium plated fitting, iron hinges with aluminum kick plate 22 SWG on both sides & finger plate complete in all respect as approved by the engineer incharge.	70.00		Sft	
8		Providing & Fitting Steel floor jali best quality complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.	5.00		No	

<b>Electric Work (Schedule Items)</b>						
1	24/3	Supply and erection of PVC pipe for wiring recessed in wall including inspection boxes pull boxes, hooks, cutting jharries and repairing surface etc complete with all specials. ii) 20 mm i/d iii) 25 mm i/d	870.00		Rft	
			1205.00		Rft	
2	24/4 9	Supply and erection of 3/8" (10 mm) dia M.S. bar fan hook, placed at the time of casting of slab.	10.00		No	
3	24/1 0	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC ipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 3/0.74 mm (3/0.029") ii) 7/0.74 mm (7/0.029") iv) 7/1.12 mm (7/0.044")	2475.00		Rft	
			1180.00		Rft	
			285.50		Rft	
<b>Electric Work (Non-Schedule Items)</b>						
1		Supply & installation of Wall Light with 3 Watt LED Blub (Philips) (220V~, 6500K) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge.	25.00		No	
2		Supply & installation of a Four Single Pole Switch & Two 2-Pin Socket Plate with plastic back box 3"x 6" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge. (Philips ECO Series Q2 or Equivalent)	8.00		No	
3		Supply & installation of Ceiling Fans, 56" sweep (As per "Pakistan Energy Label" certified manufacturers) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge	10.00		No	
4		Supply & installation of PVC Exhaust fan 12" (99.99% Copper) i/c any accessories (i.e. screw. Rawl plug or steel nail, etc.) as required at site. Complete in all respect as directed and approved by the Engineer Incharge (GFC, Indus, Pakfan or Equivalent)	4.00		No	
5		Supply & installation of a Four Single Pole Switch Plate with plastic back box 3"x 3" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips ECO Series Q2 or Equivalent)	10.00		No	
6		Supply & installation of a Six Single Pole Switch Plate with plastic back box 3"x 6" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge. (Philips ECO Series Q2 or Equivalent)	5.00		No	

No.	Ref.	Description	Quantity	Rate	Unit	Amount
		<b><u>Plumbing Work (Schedule Items)</u></b>				
1	19/3	Providing and fitting glazed earthen ware water closet, squatter type (Orissa pattern), combined with foot rest. Coloured	4.00	No		
2	19/6i	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	4.00	No		
3	19/1 1	Providing and fitting glazed earthen ware low down flushing cistern 13,63 liters (3 gallons) capacity, including bracket set, copper connection, etc. Coloured	4.00	No		
4	19/1 9	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	4.00	No		
5	19/2 2	Providing and fitting:- i) Plastic Soap Dish ii) Plastic toilet paper holder iii) Plastic towel rail iv) Plastic shelf 60x13 cm (24"x5") with bracket and railing.	4.00 4.00 4.00 4.00	No No No No		
6	19/2 6	Providing and fixing chromium plated bib cock:- ii) '1.5 cm (1/2")	8.00	No		
7	19/2 7	Providing and fixing chromium plated tee stop cock '15mm (1/2")	19.00	No		
8	19/3 4	Providing and fitting "P" trap:- ii) 10 cm (4") glazed.	15.00	No		
9	23/4 1i	Making connection for new water supply lines with the running main, including excavation of trench and refilling, complete, but excluding cost of pipe and specials, etc. 'upto 6" i/d (150 mm)	1.00	No		
		<b><u>Plumbing Work (Non-Schedule Items)</u></b>				
1		Providing, laying, fixing and testing uPVC Soil Waste, vent & rain water down pipe "NIKASI PIPES Durafit/ Beta/ Pak Arab/Equalvent" including uPVC fittings with solvent cement jointing or rubber ring joints complete in all respects including clamps, bends, tees, Y-tees, Cowl reducers, clean out WC- Elbow Adopter etc. 4" dia. Complete in all respects and as approved by Engineer Incharge	150.00	Rft		
2		Providing and laying, cutting, jointing, testing and disinfecting PPRC pipe line(M.S Minhas pvt Ltd) 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, Complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.  PPRC 25mm PPRC 32mm	73.50 145.50	Rft Rft		
3		Providing & Fixing wall shower best quality complete in all respects as approved by the engineer incharge	2.00	No		
4		Providing and fixing Coloured Glazed Earthen ware water closet Europeans type Couple set including Flush Tank fixed with commode, hydraulic seat cover, sheet cover thimble, connection pipe Complete in all respect and approved by Engineering Incharge. (HD201 Porta or equivalent company)	2.00	No		

No.	Ref.	Description	Quantity	Rate	Unit	Amount
5		Providing & Fixing Muslim shower with double bib cock & flexible steel pipe complete unit i/c all accessories required at site complete in all respect as per specifications as approved by the Engineer Incharge. (Faisal/Sonex or equivalent)	4.00	No		
6		Providing and fitting Chromium plated Single lever Basin Mixer complete in all respects as approved by the engineer incharge (Porta HDA0501M or equivalent company)	4.00	No		

## The Islamia University of Bahawalpur

3

### Construction of Store Room & Threshing Floor for Deptt of Plant Breeding & Genetics for Agriculture College at Baghdad-ul-Jadeed Campus

#### Civil Work

MRS Jan to Jun, 2021

No.	Ref.	Description	Quantity	Rate	Unit	Amount
1	3/21	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.	855.00		Cft	
2	6/3	Cement concrete brick or stone ballast 1½" to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- i) Ratio 1:4:8	277.00		Cft	
3	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: 1.5: 3)	206.00		Cft	
4	7/4	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:6	1172.00		Cft	
5	6/33	Providing and laying damp proof course of cement concrete 1:2: 4 (using cement, sand and shingle), including bitumen coating:- with one coat bitumen and one coat polythene sheet 500 gauge. 1.5" thick (40 mm)	123.75		Sft	
6	3/15	Filling, watering and ramming earth under floors:- i) with surplus earth from foundation, etc.	700.00		Cft	
	+3/17	ii) with new earth excavated from outside, lead upto 1/4 mile	3500.00		Cft	
7	7/5	Pacca brick work in Cement, sand mortar:- Ratio 1:5 i) Ground Floor (7/5-i)	1560.00		Cft	
8	11/10	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. Ratio 1:3	908.00		Sft	
9	11/9	Cement plaster 1:4 upto 20' (6.00 m) height:- i) ½" (13 mm) thick	4600.00		Sft	
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 Deformed Bar 60-Grade	2257.00		Kg	
11	6/6	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 B (nominal mix 1:1½:3) using harrow sand i) Type C (nominal mix 1:2:4) Ground Floor	504.00		Cft	
12	7/30	Supplying and filling sand under floor; or plugging in wells	600.00		Cft	
13	6/2	Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50 mm) gauge.	600.00		Cft	

No.	Ref.	Description	Quantity	Rate	Unit	Amount
14	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.	105.00		Sft	
15	13/31	Preparing surface & painting with 3 coats Emulsion paint complete in all respects	3000.00		Sft	
16	13/5	Painting new surface: Preparing surface and painting of doors and windows any type (including edges):- 3 coats	210.00		Sft	
17	13/32	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 2 coats, upto 20' height	1400.00		Sft	
18	10/15	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- 2" thick	1643.00		Sft	
19	12/18	Providing and fixing sliding bolt to doors:- iron sliding bolt, 12" (300 mm) long	4.00		No	
20	10/42	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1½"x3/8" (40x10mm)	450.00		Rft	
21	9/15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	3.00		No	
22	26/37	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. 500 gauge (.005" thick)	908.00		Sft	
23	9/5	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4" (100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof 'slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	908.00		Sft	
24	25/44	Providing and fixing windows consisting of M.S. box 'section frame 2"x1½", (50x40mm) leaves frame 1½"x1" (40x25mm) box section frame for glazing 3/8"x3/8" (10x10mm) using 16 SWG sheet 'U' shaped rubber 'supported with 1"x1/8" (25x3mm) M.S. flat for fixing 3/16" (5 mm) thick glass panes M.S. box section ½"x½" (13x13mm) of 16 SWG for fixing 24 SWG wire gauze on 'outer side by means of ¾"x1/8" (20x3mm) M.S. flat and 'screws including grill of M.S. flat ½"x1/8" (13x3mm) or ¼"x¼" (6x6mm) square bar with independent frame of ½"x½" (13x13mm) box section of 16 SWG i/c all C.P. fitting and painting 3 coats complete in all respect.	252.00		Sft	
					TOTAL	
1	N.S	<b>Civil Work (Non-Schedule)</b> Providing, Fabricating and fixing 16 SWG M.S sheet hollow pressed Jamb frame (Factory primme) for door welded with MS flat size 10"x1"x1/8", hold fast i/c welding/screwing 4" long iron hinges, filling concrete for the jamb frame and embedding hold fast in the adjoining walls with 1:2:4 concrete, enamel painting etc. complete in all respects as show on the drawing and/ or as directed by the engineer, in conformance with following size i) 10"x2-1/2"	105.00		Sft	
1	N.S	<b>Plumbing work (Non-Schedule)</b> Providing, fixing, cutting, jointing & testing uPVC drainage pipes of approved quality, i/c uPVC drainage fitting with soil vent cement jointing, " Type-B" or approved equal, rates i/c cost of clamping to walls and ceiling, hangers supports, cutting through wall & providing sleeves through concrete slab for pipe line & pipe fitting of following dia meters i) 4" i/d	42.00		Rft	

No.	Ref.	Description	Quantity	Rate	Unit	Amount
		<b>Electrical Work (Schedule)</b>				
1	24/10-a	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).250/440 volts, PVC insulated: i) 3/0.74 mm (3/0.029") ii) 7/0.74 mm (7/0.029")	1200.00 900.00		Rft Rft	
2	24/3	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)	250.00 200.00		Rft Rft	
		<b>Electrical Work (Non-Schedule)</b>				
1	N.S	Supply & installation of Wall Mounted LED Batten Light 20W (220V~, 6500K) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips Slimline or Equivalent)	12.00		No	
2	N.S	Supply & installation of Ceiling Fans, 56" sweep (As per "Pakistan Energy Lable" certified manufacturers). i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge	4.00		No	
3	N.S	Supply & installation of Universal 3-Pole Socket with 13A Switch with plastic back box 3"x 3" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips ECO Series Q2 or Equivalent)	2.00		No	
4	N.S	Supply & installation of a Power plug 15A with plastic back box 3"x 3" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips ECO Series Q2 or Equivalent)	2.00		No	
5	N.S	Supply & installation of a Fan Dimmer 300W with plastic back box 3"x 3" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips ECO Series Q2 or Equivalent)	4.00		No	
6	N.S	Supply & installation of a Four Single Pole Switch Plate with plastic back box 3"x 3" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips ECO Series Q2 or Equivalent)	1.00		No	
7	N.S	Supply & installation of a Six Single Pole Switch Plate with plastic back box 3"x 6" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge. (Philips ECO Series Q2 or Equivalent)	1.00		No	
8	N.S	Supply & installation of a Eight Single Pole Switch Plate with plastic back box 3"x 6" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge. (Philips ECO Series Q2 or Equivalent)	1.00		No	
9	N.S	Supply & installation of a Four Single Pole Switch & Two 2-Pin Socket Plate with plastic back box 3"x 6" i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge. (Philips ECO Series Q2 or Equivalent)	1.00		No	
10	N.S	Supply & installation of PVC Fan Box with iron bar i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge. (GM, Bita or equivalent)	4.00		No	



No.	Ref.	Description	Quantity	Rate	Unit	Amount
-----	------	-------------	----------	------	------	--------

## The Islamia University of Bahawalpur

### 4 Construction of Boundary Wall for Veterinary Clinic at Baghdad-ul-Jadeed Campus

#### Civil Work

MRS Jan to JUN, 2021

No.	Ref.	Description	Quantity	Rate	Unit	Amount
1	3/21	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.	1410.00		Cft	
3	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	235.00		Cft	
4	7/4	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:5	580.00		Cft	
5	11/9	Cement plaster 1:4 upto 20' (6.00 m) height:- i) ½" (13 mm) thick	4100.00		Sft	
6	7/7	Pacca brick work other than building upto 10ft. (3 m) height cement, sand mortar:- Ratio 1:3	600.00		Cft	
7	1/32A	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: new surface 2 coats	4225.00		Sft	
8	6/33	Providing and laying damp proof course of cement concrete 1:2: 4 (using cement, sand and shingle), including bitumen coating:- with 2 coats of bitumen: 1½" thick (40 mm)	175.20		Sft	
9	3/5 iii+ 17/a	Earthwork in ordinary soil for embankments including ploughing and mixing with blade grade or disc harrow or other suitable equipment, and compaction by mechanical means at optimum moisture content and dressing to designed section, complete 90% maximum modified AASHO dry density. Lead upto 1/4 mile	2500.00		Cft	
					TOTAL	