

The Islamia University of Bahawalpur

1 Provision of Stand by Water Pumps, Turbines and Water Supply at Sub Campus at Rahim Yar Khan

MRS: July to Dec,2019

Sr#	Description	Qty	Rate	Unit	Amount
	Civil Work				
	A) Main Water Supply Pipe Line				
1	Excavation of trenches in all kinds of soil, except cutting 'rock, for water supply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides, levelling the beds of trenches to correct grade and cutting pits for joints, etc.	12937.50 Cft		%o Cft	-
2	Supplying and filling sand under floor; or plugging in wells.	47.52 Cft		% Cft	-
3	Providing, laying, cutting, jointing, testing and disinfecting P.V.C. pipe line of B.S.S. with 'B' Class working pressure pipe, in trenches, complete in all respects:- 8" i/d (200 mm)	905.00 Rft		Per Rft	-
4	Providing & laying 1st Class Bricks 9" x 4½" x 3" (225 x 112.5 x 75 mm) on bed of size 9"x4.50"x3" over PVC pipe for protection including carriage complete in all respects as approved & directed by Engineer incharge	850.00 No		%o No	-
5	Rehandling of earthwork: Lead upto a single throw of Kassi, phaorah or shovel	4200.00 Cft		%o Cft	-
6	Providing and fixing cast iron special of B.S.S Class 'B' (Such as bend, tee cross collar, reducer tail pice, flanged spigot, cap, flanged socket, taper, angle branch, plug etc.) for cast iron pipe line, complete b) C.I. flanged specials, with flanged and flanged joints i) 8" to 12" (80 to 150 mm) i/d	225.00 Kg		Per Kg	-
7	Providing and fixing sluice valve of B.S.S quality and weight, Class 'B', for cast iron pipe line, and Asbestos cement pipe line (including cost of jointing material) :-	2.00 No		Each	-
8	Providing and installing M.S blind pipe socketed/selded Chap. Joint, M.S reducer (where necessary), in tubewell bore hole, including jointing/welding with stainer, etc complete:- i) 8" i/d, 3/16" (200 mm i/d 5 mm) thick	40.00 Rft		Per Rft	-

9	Cement concrete plaign including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) f) Ratio 1:2:4	62.00 Cft			% Cft	-
10	Providing and fixing, air valve 2½ (65mm) dia of B.S.S. quality and weight (complete with jointing material). b) double	1.00 No			Each	-
					Total	-
B) Turbine Pump & Pump Room						
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.	766.85 Cft			%o Cft	-
2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- Ratio 1: 4: 8	413.64 Cft			% Cft	-
3	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 Grade 40	649.00 Kg			% Kg	-
4	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)	172.66 Cft			Per Cft	-
5	Pacca brick work in foundation and plinth in:- Cement, sand mortar:- 1:5	2010.69 Cft			% Cft	-
6	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)	314.77 Sft			% Sft	-
7	Direct Rotary/Reverse Rotary drilling of bore for tubewells, in all types of soil except shingle, gravel and rock:- from ground level to 250 ft. (75 m) below ground level:- 20" to 26" (500 to 650 mm) i/d	110.00 Rft			Per Rft	-
8	Providing and installing M.S. Bail plug in tubewell bore hole. 15" i/d, 2 ft. long	1.00 No			Each	-

9	Providing and installing, brass strainer in tubewell bore hole, including sockets, special sockets, studs, etc. complete:- 15" i/d, 1/4" (375 mm i/d 6 mm) thick	50.00 Rft		Per Rft	-
10	Providing and installing M.S. blind pipe socketed/welded joint, M.S. reducer (where necessary), in tubewell bore hole, including jointing/welding with strainer, etc. complete:- 12" i/d, 1/4" (300 mm i/d 6 mm) thick	60.00 Rft		Per Rft	-
11	Shrouding with graded pea gravel 3/8" to 1/8" (10 to 3 mm), around tubewell in bore hole.	200.00 Cft		Per Cft	-
12	Testing and developing of tubewell of size 6" (150 mm) i/d and above continuously. upto 1.5 cs. Discharge	72.00 Hour		P/Hour	-
13	Filling, watering and ramming earth under floors:- with surplus earth from foundation, etc.	2076.61 Cft		%o Cft	-
14	Filling, watering and ramming earth under floors:- with new earth excavated from outside, lead upto 3 mile (5 Km) (3/15-ii+17-a+b+c)	12326.12 Cft		%o Cft	-
15	Pacca brick work in ground floor:- cement, sand mortar:- 'Ratio 1:5	762.02 Cft		% Cft	-
16	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects: Type C (nominal mix 1: 2: 4)	220.97 Cft		Per Cft	-
17	Providing and fixing 1 1/2" (40mm) thick solid flush door shutter sterling or equivalent with commercial ply (5 mm thick) on both sides double pressed and deodar wood lipping 1 1/2"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.	91.00 Sft		Per Sft	-

18	Providing and fixing steel windows with openable glazed panels, using beam section for frame 1½"x1"x5/8"x1/8" (40x25x16x3 mm), Z-section for leaves ¾"x1"x¾"x1/8" (20x25x20x3 mm), T-section sashes 1"x1"x1/8" (25x25x3 mm), glass panes, wooden screed for glazing embedded over a thin layer of putty duly screwed with leaves, brass fittings, holdfast, duly painted, complete in all respects, including all cost of material and labour, etc. as per approved design and as directed by the Engineer-in-charge:- fixed with wire gauze, 22 SWG Glass pane 5 mm thick	28.96		Per Sft	-
19	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: Ratio 1:4 ½" thick (13 mm)	190.52 Sft		% Sft	-
20	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	264.12 Sft		% Sft	-
21	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick	4656.19 Sft		% Sft	-

22	Providing and laying machine sprayed plaster ½" (13 mm) thick, using cement and chips zero gauge, over the existing plastered and roughened surface, upto 20' (6.00 m) height. Ratio 1:1	812.57 Sft		% Sft	-
23	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.mbitumen coating sand blinded.	310.37 Sft		% Sft	-
24	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	1.00 No		Each	-
25	Supplying and filling sand under floor; or plugging in wells.	90.12 Cft		% Cft	-
26	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	90.12 Cft		% Cft	-
27	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels. Size 1½" x 3/8" (40 x 10 mm)	177.91 Rft		Per Rft	-
28	Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:- 1½"(40 mm) thick	273.12 Sft		% Sft	-

29	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, also including erection in position. Erection and fitting in position iron trusses, staging of water tanks, etc.	191.00 Kg	% Kg	-
30	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)	95.00	Per Rft	-
	ii) 1" i/d (25 mm)	45.00	Per Rft	-
	iii) 2" i/d (50 mm)	20.00	Per Rft	-
		Rft		
31	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. Coloured	1.00 No	Each	-
32	Pacca Brick work other than building upto 10' height in cement and moarter ratio (1:3)	653.99 Cft	% Cft	-
33	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	14.75 Rft	P/Rft	-
34	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- c) PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:- vii) 19/1.32 mm (19/0.052")	150.00 Rft	P/Rft	-
35	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I batten/wooden casing an capping/G.I pipe/wooden strip			
	i) 3/0.74 mm (3/0.029")	238.00	P/Rft	-
	iii) 7/0.74 mm (7/0.029")	150.00	P/Rft	-
	vi) 7/1.63 mm (7/0.064")	120.00	P/Rft	-
		Rft		
36	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 22.5 x 10 cm (9"x4")	3.00 No	Each	-
37	Supply and erection of bakelite button holder shade, large size.	6.00	Each	-

38	Supply and erection of switches 5 Amp. ii) piano type	No 20.00			Each	-
39	Providing and fixing sliding bolt to doors:- ii) iron sliding bolt, 12" (300 mm) long.	No 4.00			Each	-
40	Providing and fitting "P" trap:- ii) 10 cm (4") glazed.	No 2.00			Each	-
41	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. ii) coloured	No 1.00			Each	-
42	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (1/2")	No 3.00			Each	-
43	Providing and fixing barbed wire fencing on compound wall, consisting of 1 1/2"x1 1/2"x3/16" (40x40x5mm) angle iron post 3' (900 mm) long, 4' (1200 mm) apart embedded in cement concrete 1:4:8 base of size 6"x6"x9" (150x150x225 mm) and 4 rows of barbed wire, including binding wire, painting posts, etc. complete in all respects	No 185.00			% Rft	-
		Rft				
	<u>Non Shedule Items</u>				Total	-
1	Providing & Laying cement concrete 1:2:4 foundation 3'x3'x3' and having MS clamp 3" Long and 3/8" dia to hold MS housing pipe, plated at right angle at 3" a part & located 12" below to pedestal.with 3/4" dia bar 3' long for fixing of plate & motor and all necessary accesories required at site complete in all respect as approved by the enginner incharge.	1.00 No			Each	-
2	Providing & fixing, Furnishing of MS Bearing plate 3'x3'x1/2" size duly cutting center to size of circular to acommodate pump suspension and fixed on pump pedestal / foundation with nut bolts & all necessary accesories required at site complete in all respect as approved by the enginner incharge.	1.00 No			Each	-
3	Providing ,laying & installation of Siemens Electric Motor 40 HP1450 RPM, vertical Solid Shaft V-1 i/c all accessories, complete in all respect as approved by Engineer in charge.	1.00 No			Each	-

4	<p>Furnishing and installing deep well vertical shaft driven turbine water lubricated pump K.S.B. make only capable of discharging 1 CFS of clean water against a total dynamic head of 175 feet with maximum setting of 60 feet with 15" dia M.S housing Pipe of the Tubewell along with pump strainer brass complete with automatic starter a 10" dia M.S section columns discharge head directly coupled through a non reverse wrached to vertical requirement quirral cage induction meter of 40 HP (SIEMENS) to run on 3-phase 50 cycle 400 volts alternating current having the following three protection</p> <p>a) Under voltage b) Phase Failure c) Over current</p> <p>3 Phase 100 Amp MCCB with current setting from 60 Amp to 100 Amp. A volt meter 0-500 V with Selecter Key 0-100 Amp meter with 5/100 Amp three current transfarmer and slecter key. All the above 'mentioned item are Job fixed on M.S board delivering guagedepth gauge a water tank for lubrication of pump a non return valve a double flanged end sluice valve and connectioning with reduce bend 10" x 6" & G.I Pipe 6" i/d 20' long etc. The supply of turbine be arranged directly from manufacturer under the intimation in writting to the engineer incharge who will accompany while getting its delivery from the factory with necessary document, invoice & gate pass etc. complee in all respects.</p>	1.00 No	Each	-
5	<p>Providing & Fixing ceiling fan 56" sweep (ASIA/ROYAL/PAK/SK) complete in all respects and as approved & directed by the Engineer Incharge.</p>	1.00 No	Each	-
6	<p>Providing & Fixing Exhust Fan 12" size in Iron body i/c fixing wooden frame complete in all respects and as approved by the Engineer Incharge.</p>	2.00 No	Each	-
7	<p>Providing, laying, fixing and testing uPVC plain ends socketed pipes Soil Waste, vent & rain water as per approved make & quality including uPVC (Unplasticsized Polyvinyl chloride) fittings with solvent cement jointing or rubber ring joints complete in all respects including clamps, tees, Y-tees, Cowl reducers, clean out WC-Elbow Adopter etc. complete in all respects (Dadex, Beta or Equalent. ' 4" dia Pipe</p>	40.00 Rft	P/Rft	-

8	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipeline for hot & cold (Polypropylene random copolymer) water supply complete in all respects, i/c specials such as coupler, reducing socket, elbow, end caps, male/female, threaded, fittings, like tease, adaptors to connect polydex pipes to other pipe and shower, wash basin, bibcock etc. as required at site (For internal wiring of bathrooms) i) 1/2" i/d (25 mm o/d)	80.00 Rft			P/Rft	-
9	Providing & Fixing Best quality Water Tank 200 Gallon capacity placing on the top of roof including Treatment with Jumbolan arrangement for Heat & Cold proofing & in working condition complete in all respects and as approved by the Engineer Incharge.	1.00 No			Each	-
10	Providing & Fixing of Golden Electric Pump (Golden/API/Asli punjab) single impellor, copper rewinding, for Water supply including connection & testing with MS Steel safety box for electric pump in working condition, complete in all respects, as approved by the Engineer Incharge.	1.00 No			Each	-
11	Providing & fixing floor trap Jali plastic complete in all respect and as approved by the Engineer Incharge.	4.00 No			Each	-
					Total	-

The Islamia University of Bahawalpur

Construction of Wash Room, Changing Room, Verandah & Car Parking Shed (15 Nos) for

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Executive Hostel at Baghdad-ul-Jadeed Campus

Civil Work

MRS Jul to Dec, 2019

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.	2203.31	Cft	%o Cft	0.00
2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-				
	i) Ratio 1: 4: 8	302.47	Cft	% Cft	0.00
	ii) Ratio 1: 6: 12	2491.42	Cft	% Cft	0.00
3	Spraying anti-termite liquid mixed with water in the ratio of 1:40	137.25	Sft	Per Sft	0.00
4	Pacca brick work in foundation and plinth ratio 1:6	1313.73	Cft	% Cft	0.00
5	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating:- (a) with one coat bitumen and one coat polythene sheet 500 gauge. 1.5" thick	112.56	Sft	% Sft	0.00
6	Pacca brick work in ground floor:- Ratio 1:5	788.70	Cft	% Cft	0.00
7	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	778.29	Kg	% Kg	0.00
8	(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)	232.86	Cft	P/Cft	0.00
9	Filling, watering and ramming earth under floors:-				
	i) with surplus earth from foundation, etc.	818.46	Cft	%o Cft	0.00
	ii) with new earth excavated from outside, lead upto one chain (30 m).	2413.50	Cft	%o Cft	0.00

10	Earthwork in ordinary soil for embankments lead upto 100 ft. (30 m), 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 in all respects:- 85% maximum modified AASHO dry density. 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). (3/5-iii+3/17-i)	26902.50	Cft	%o Cft	0.00
11	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	181.54	Cft	% Cft	0.00
12	Supplying and filling sand under floor; or plugging in wells.	181.54	Cft	% Cft	0.00
13	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels. Size 1½" x 3/8" (40 x 10 mm)	111.00	Rft	P/Rft	0.00
14	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- 1.5" thick	277.50	Sft	% Sft	0.00
15	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	152.77	Cft	%Cft	0.00
16	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	342.00	Sft	% Sft	0.00
17	Cement plaster 1:5 upto 20' (6.00 mm) height:- ½" (13 mm) thick	3189.00	Sft	% Sft	0.00
18	Laying floor of approved coloured glazed tiles ¼ "(6 mm) thick, laid in white cement and pigment on a bed of ¾" (20 mm) thick cement mortar 1:2.	49.88	Sft	% Sft	0.00
19	Coloured glazed tile dado ¼" (6mm) thick in pigment over 1:2 cement, sand mortar ¾"(20mm) thick, including finishing.	196.00	Sft	% Sft	0.00

20	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.mbitumen coating sand blinded.	346.50	Sft	% Sft	0.00
21	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	42.00	Sft	Per Sft	0.00
22	Providing and fixing 1½" (40mm) thick solid flush door shutter (Approved Factory Manufactured) 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	37.79	Sft	Per Sft	0.00
23	Preparing surface and painting with emulsion paint:- new surface 3 coats	1209.50	Sft	% Sft	0.00
24	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	1135.25	Sft	% Sft	0.00
25	Painting doors and windows, any type: New surface 3 coats	84.00	Sft	% Sft	0.00
26	Iron sliding bolt, 12" (300 mm) long	2.00	No	Each	0.00
27	Supplying and laying polythene sheet over D.P.C. under floors & on roofs. 300 gauge (.003" thick)	346.50	Sft	Per Sft	0.00
28	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 1.6 mm thick	34.50	Sft	Per Sft	0.00
29	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	2.00	No	Each	0.00

30	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. Complete in all respect. (50% Grey / 50% Coloured) 60mm thick	7583.50	Sft	Per Sft	0.00
31	Making and fixing steel grated doors complete with locking arrangement, angle iron frame 2"x2"x3/8" '(50x50x10 mm) and 3/4" (20 mm) square bars 4" (100 mm) centre to centre.	12.00	Sft	Per Sft	0.00
32	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. 25/31	84.00	Sft	Per Sft	0.00
				Total	0.00
	Civil Work (Non-Schedule)				
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 mortor 1:2 including colour pigment to match with the colour of marble tiles laid with cement sand mortor 1:2 rubbing and chemical Polishing, as approved by Engineering Incharge	308.63	Sft	Per Sft	0.00
2	Providing & laying 3/8" thick marble dado/skirting (Boticeena/ Fancy) of approved quality i/c 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.	46.38	Sft	Per Sft	0.00
3	Providing & Fixing safty grill with 3/8"x3/8" twisted steel bar fixed with iron patti frame 2"x3/16" complete in all respect as approved by the engineer incharge.	34.50	Sft	Per Sft	0.00

4	<p>Providing & Fixing Car Parking Shed Comprising of G.I Corrugated Sheet (18 SWG) fixed with main vertical post of M.S pipe 8" dia (Medium Quality) welded with 1/4" thick Stiffners 4-Nos & 1" thick base Plate 2.50'x1.50' bolted over 1/2" base plate anchored with 3/4" dia foundation Bolts 2' long 4+4 Nos embeaded in RCC 1:2:4, M.S pipe 5" dia Curved hot rolled (Medium Quality) for supporting the main shed with ribbed horizontal 3" dia M.S pipes (Medium Quality) to rest G.I corrugated sheet fixed & 3" dia Inclined pipes for supporting the cantilevered shed & MS steel cap to cover the joint of 5" dia M.S pipe, also providing & fixing wooden planks of Shesham wood (bench)1"x3" over MS pipe 2.50"x2.50" for supporting the planks i/c polishing for wood and painting for the M.S pipes & box pipes of 2.5" x 2.5"complete in all respect & as approved by the Engineer Incharge.</p>	2609.55	Sft	Per Sft	0.00	
					Total	0.00
Plumbing Work						
1	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	Each	0.00	
2	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1.00	No	Each	0.00	
3	Providing and fitting:-					
i	plastic soap dish	1.00	No	Each	0.00	
ii	plastic towel rail	1.00	No	Each	0.00	
iii	plastic shelf 60x13 cm (24"x5") with bracket and railing.	1.00	No	Each	0.00	
4	Providing and fixing chromium plated tee stop cock '15mm (1/2").	3.00	No	Each	0.00	
5	Providing and fitting "P" trap:- 10 cm (4") glazed.	4.00	No	Each	0.00	
6	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest.:- coloured	1.00	No	Each	0.00	

7	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. Coloured	1.00	No	Each	0.00
8	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	1.00	No	Each	0.00
9	Providing and fixing chromium plated bib cock:- 1.5 cm (½")	1.00	No	Each	0.00
10	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 shi shingle, gravel and rock:- 0 ft. to 7.0 ft. (0 to 2.10 m) depth	562.50	Cft	%oCft	0.00
11	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	150.00	Rft	Per Rft	0.00
12	Supply and fitting of cast iron manhole cover with frame, etc. complete. 45 cm (18") dia	1.00	No	Each	0.00
				Total	0.00
	Plumbing Work (Non-Schedule Items)				
1	Providing and fixing and testing uPVC plain ends socketed pipes type-B soil waste, vent & rain water as per approved make and quality including uPVC fittings with solvent cement jointing or rubbering joints complete in all respects including clamps, tee etc complete in all respect as approved by the engineer incharge 4" i/d	60.00	Rft	Per Rft	0.00

2	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe line 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. complete in all respect as approved by the engineer incharge.				
	i) 25mm dia	40.00	Rft	Per Rft	0.00
	ii) 32mm dia	140.00	Rft	Per Rft	0.00
3	Providing & Fixing Wall shower open type Complete unit in working condition, complete in all respect as per specifications and drawings and as approved by the Engineer Incharge. (Dilawar or equivalent)	1.00	No	Each	0.00
4	Providing and fixing Plastic Jali complete in all respect	2.00	No	Each	0.00
5	Providing & Fixing Gate valve of PPRC 25 mm best quality complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.	2.00	No	Each	0.00
				Total	0.00
Electric Work (Schedule Items)					
1	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) 20 mm i/d	615.00	Rft	Per Rft	0.00
	ii) 40 mm i/d	124.00	Rft	Per Rft	0.00
2	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")	2050.00	Rft	Per Rft	0.00
	ii) (7/0.029")	350.00	Rft	Per Rft	0.00
3	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc.				
	i) (7"x4")	4.00	No	Each	0.00
	ii) (4"x4")	2.00	No	Each	0.00
4	Supply and erection of switches 5 Amp. Piano type	25.00	No	Each	0.00

5	Supply and erection of 3 pin switch and plug combined, recessed type 10/15 Amp	2.00	No	Each	0.00
6	Supply and erection of bakelite button holder shade, large size	23.00	No	Each	0.00
				Total	0.00
	Electric Work (Non-Schedule)				
1	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 Exhaust Fan 12" Size (Plastic Body) (Pak, Royal, GFC)	1.00	No	Each	0.00
2	Supply & installation of LED Bulb 12W (220V~, 6500K) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips or Equivalent)	22.00	No	Each	0.00
3	Supply & installation of Ceiling Fan 56" with speed control dimmer at site i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge 99.99% copper winding (Younis, Royal, Pakfan or Equivalent)	2.00	No	Each	0.00
4	Supply and erection of PVC aluminum conductor cables 07/0.52", PVC sheathed 2 core for service connection complete in all respects as approved by the engineer incharge	150.00	Rft	Per Rft	0.00
5	Supply & installation of plastic fan box best quality complete in all respects as approved by the Engineer Incharge.	2.00	No	Each	0.00
6	Supply & installation of Multilight plug 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 (KM, Hero, PPI or Equivalent)	4.00	No	Each	0.00
				Total	0.00

The Islamia University of Bahawalpur

3 Construction of Cooking/Service area & Stair Case with Railing for Boys Hostel (No.II)

MRS Jul to Dec, 2019

No.	Description	Quantity	Rate	Unit	Amount
Civil Work					
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.	4417.50	Cft	%o Cft	0.00
2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (b) Ratio 1: 4: 8	603.75	Cft	% Cft	0.00
3	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)	300.00	Cft	P/Cft	0.00
4	Pacca brick work in foundation and plinth ratio 1:6	3473.10	Cft	% Cft	0.00
5	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating:- (a) with one coat bitumen and one coat polythene sheet 500 gauge. 2" thick	515.20	Sft	% Sft	0.00
6	Providing and laying vertical damp proof course with cement sand plaster & one coat, bitumen & polythene:- Ratio 1:3 ¾ " thick	390.00	Sft	% Sft	0.00
7	Pacca brick work :- Ratio 1:5				
	i) Ground Floor	2250.00	Cft	% Cft	0.00
	ii) First Floor	225.00	Cft	% Cft	0.00
8	(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)	653.50	Cft	P/Cft	0.00
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 60-Grade	2919.43	Kg	% Kg	0.00

10	Filling, watering and ramming earth under floors:- i) with surplus earth from foundation, etc. ii) with new earth excavated from outside lead upto 500 Ft (150 m) for earhtwork soft, ordinary	3360.50	Cft	%o Cft	-
		7050.00	Cft	%o Cft	-
11	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	608.85	Cft	% Cft	0.00
12	Supplying and filling sand under floor; or plugging in wells.	608.85	Cft	% Cft	0.00
13	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels. Size 1½" x 3/8" (40 x 10 mm)	180.00	Rft	P/Rft	0.00
14	Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:- 1.5" thick	720.00	Sft	% Sft	0.00
15	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): i) Ratio 1: 2: 4	216.00	Cft	%Cft	0.00
16	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	1350.00	Sft	% Sft	0.00
17	Cement plaster 1:5 upto 20' (6.00 mm) height:- i) ½" (13 mm) thick ii) ¾" (20 mm) thick	2890.00	Sft	% Sft	0.00
		1013.76	Sft	% Sft	0.00
18	Laying floor of approved coloured glazed tiles ¼ " (6 mm) thick, laid in white cement and pigment on a bed of ¾" (20 mm) thick cement mortar 1:2.	60.00	Sft	% Sft	0.00
19	Coloured glazed tile dado ¼" (6mm) thick in pigment over 1:2 cement, sand mortar ¾"(20mm) thick, including finishing.	220.00	Sft	% Sft	0.00
20	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. Thermopore sheet 1" (25mm) thick	1250.00	Sft	% Sft	0.00

21	Providing and fixing 1½" (40mm) thick solid flush door shutter (Approved Factory Manufactured) 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	180.00	Sft	% Sft	0.00
22	Preparing surface and painting with emulsion paint:- new surface 3 coats	5200.00	Sft	% Sft	0.00
23	Providing & applying weather shield paint of approved quality on external surface of building i/c preparation of surface, application of primer complete in all respect: New surface 2 coats	1316.00	Sft	% Sft	0.00
24	Painting doors and windows, any type: New surface 3 coats	351.23	Sft	% Sft	0.00
25	Iron sliding bolt, 12" (300 mm) long	8.00	No	Each	0.00
26	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. 300 gauge (.003" thick)	1250.00	Sft	Per Sft	0.00
27	Providing and fixing all types of glazed aluminium windows of anodized champagne colour partly fixed and partly sliding using deluxe section of approved manufacturer having Frame of size 100mm x 30mm using frame at bottom, at top and side leaf frame sections of 60mm x 23mm at top & bottom and size 45mm x 25mm 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 channel angle joint and hardware etc. complete in all respect, 2mm thick	150.00	Sft	Per Sft	0.00
28	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 2mm 'thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge. (452.25+40)	50.00	Sft	Per Sft	0.00
29	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	2.00	No	Each	0.00
30	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.	300.00	Kg	% Kg	0.00
31	Pacca brick work other than building upto 10ft. (3 m) height. cement, sand mortar:- 1:5	150.00	Cft	% Cft	-
32	Pacca brick work ground floor ratio 1:4	83.25	Cft	% Cft	-
33	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	72.00	Sft	Per Sft	-
34	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	200.00	Sft	Per Sft	-
				Total	0.00
	Civil Work (Non-Schedule)				
1	Providing and fixing M.S. Sheet hollow pressed frame of doors, (Chowkhat only) single rebate for 9" thick wall of 16 SWG welded with M.S. flat 7.5"x1-1/4"x1/8" M.S. hold fast 9"x1"x1/8" welded/ screwed 4" (100mm) long iron hinges including fitting chowkhat with cement sand mortar 1:8 and embedding hold fast in cement concrete 1:2:4, anti rust paint, enamel paint 3 coats complete in all respects & as approved by the engineer incharge. (Single Rebate)	180.00	Sft	Per Sft	-
2	Providing and Applying termite proofing with biflex/tenakil liquid mixed which water in the ratio of suitable mixing complete in all respects as approved by the Engineer Incharge.	1650.00	Sft	Per Sft	-
3	Putti filling for emulsion paint including rubbing and primary coat complete in all respects as approved by the Engineer Incharge.	5200.00	Sft	Per Sft	-

4	Providing & Fixing fair face brick guttka 9"x3"x2.25" (straight or on edges) joint in 1:3				
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	<p>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.</p>	1800.00	Sft	Per Sft	-
5	<p>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 kitchen cabinet)</p>	727.00	Sft	Per Sft	-
6	<p>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 1.5" 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</p>	1575.00	Sft	Per Sft	-
7	<p>M.S steel grill for windows comprising of 1/2"x1/2" squar bar welded with 1"x1/8" MS flat frame including painting complete in all respects as shown on the drawings, specifications and/ or as directed by the enginee.</p>	418.00	Kg	Per Kg	-
8	<p>Providing & fixing Hydraulic door closer Japan made or approved quality as approved by the engineer incharge complete in all resepects</p>	3.00	No	Each	-
9	<p>Providing and fixing ornamental partal 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.</p>	50.00	Sft	Per Sft	-
10	<p>Supply & installation Burner 36 Nozel with casing & round iron plate (pan) Complete in all respect and approved by Engineering Incharge.</p>	1.00	No.	Each	-
11	<p>Supply & installation Burner 24 Nozel with casing Complete in all respect and approved by Engineering Incharge.</p>	5.00	No.	Each	-
12	<p>Supply & installation Tandoor large size dia (25</p>				

	Roti) complete in all respect and approved by Engineering Incharge.	1.00	No.	Each	-
13	Providing & Fixing Kitchen Cabinet consisting of lamination board 3/4" thick for leaves, kail wood frame 2.50" x 1", Gola for leaf 3/4"x3/4" including siprit polish for gola complete in all respects as per design, drawing & patern as approved by the engineer incharge (Down portion)	150.00	Sft	Per Sft	-
14	Providing & Fixing Cabinet upper portion consisting of lamination board 3/4" thick box and leaves, Partal 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 & patern as approved by the Engineer Incharge	200.00	Sft	Per Sft	-
15	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.	72.00	Sft	Per Sft	-
				Total	0.00
	Plumbing Work				
1	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	2400.00	Cft	%o Cft	0.00
2	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, etc complete in all respects.	1600.00	Cft	%o Cft	0.00

3	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	Each	0.00
4	Providing and fitting:-				
i	plastic soap dish	1.00	No	Each	0.00
ii	plastic towel rail	1.00	No	Each	0.00
iii	plastic shelf 60x13 cm (24"x5") with bracket and railing.	1.00	No	Each	0.00
5	Providing and fixing chromium plated tee stop cock '15mm (½").	5.00	No	Each	0.00
6	Providing and fitting "P" trap:- 10 cm (4") glazed.	4.00	No	Each	0.00
7	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest.- coloured	1.00	No	Each	0.00
8	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. Coloured	1.00	No	Each	0.00
9	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	1.00	No	Each	0.00
10	Providing and fixing chromium plated bib cock:- 1.5 cm (½")	1.00	No	Each	0.00
11	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	200.00	Rft	Per Rft	0.00
12	Providing and fixing, brass gas cock:- 15 mm (½") dia	2.00	No	Each	0.00
13	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	3.00	No	Each	0.00

14	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. Medium Quality				
	i) '1" i/d (25 mm)	100.00	Rft	Per Rft	0.00
	ii) '¾" i/d (20 mm)	50.00	Rft	Per Rft	0.00
	iii) '½" i/d (15 mm)	50.00	Rft	Per Rft	0.00
15	Supply and fitting of cast iron manhole cover with frame, etc. complete. 45 cm (18") dia	2.00	No	Each	0.00
				Total	0.00
	Plumbing Work (Non-Schedule)				
1	Providing and fixing and testing uPVC plain ends socketed pipes type-B soil waste, vent & rain water as per approved make and quality including uPVC fittings with solvent cement jointing or rubbering joints complete in all respects including clamps, tee etc complete in all respect as approved by the engineer incharge 4" i/d	350.00	Rft	Per Rft	0.00
2	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe line 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. complete in all respect as approved by the engineer incharge.				
	i) 25 mm	250.00	Rft	Per Rft	0.00
	ii) 32 mm	350.00	Rft	Per Rft	0.00
3	Providing and fixing Plastic Jali complete in all respect	10.00	No	Each	0.00
4	Providing & Fixing Muslim shower with double bib cock with flexibe pipe complete in all respect as approved by the Engineer Incharge. (Dilawar or equivalent)	1.00	No	Each	0.00
5	Providing & Fixing Gate valve of PPRC best quality complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.				
	i) 25 mm	2.00	No	Each	0.00
	ii) 32 mm	2.00	No	Each	0.00

6	Providing and fixing stainless steel bowl sink 17"x21" size best quality i/c waste pipe & waste coupling etc. Complete in all respect as approved by Engineering Incharge. (Atlas Company)	2.00	No	Each	-
				Total	0.00
	Electric Work (Schedule Items)				
1	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) 20 mm i/d	2100.00	Rft	Per Rft	0.00
	ii) 25 mm i/d	2521.00	Rft	Per Rft	0.00
2	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")	3002.00	Rft	Per Rft	0.00
	ii) (7/0.029")	4001.00	Rft	Per Rft	0.00
	iii) 7/0.036"	1220.00	Rft	Per Rft	0.00
3	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. 19/1.32 mm (19/0.052")	200.00	Rft	Per Rft	0.00
4	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc.				
	i) 10 x 10 cm (4"x4")	20.00	No	Each	0.00
	ii) 17.5 x 10 cm (7"x4")	10.00	No	Each	0.00
	iii) 22.5 x 10 cm (9"x4")	4.00	No	Each	0.00
5	Supply and erection of switches 5 Amp. Piano type	60.00	No	Each	0.00
				Total	0.00
	Electric Work (Non-Schedule)				
1	Supply & installation of LED Strip (patti) with 20W Led tube rod (220V~, 6500K) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips T8 or Equivalent)	15.00	No	Each	0.00

2	Supply & installation of Metal body Exhaust fan 20" (99.99% Copper) with metal mounting frame 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 (Tamoor, Royal, Pakfan or Equivalent)	4.00	No	Each	0.00
3	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, Royal, Pakfan or Equivalent)	2.00	No	Each	0.00
4	Supply & installation of LED Bulb 12W (220V~, 6500K) with Bakelite Bulb holder base 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 (Philips or Equivalent)	16.00	No	Each	0.00
5	Supply & installation of Ceiling Fan 56" (99.99% Copper) with speed control dimmer at site i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Younis-Deluxe, Royal-3 star enercon, Pakfan-Deluxe or Equivalent)	6.00	No	Each	0.00
6	Supply, installation, connection & commissioning of distribution boards, (DBs), Open type Wall mounted design, made of M.S. Sheet 18 SWG with hinged glass door, handle, and 2 coats of Approved paint, (Size 24"x18") including Incoming Main Molded Case Circuit Breaker of 125 Amps T-p (15KA) 1.00 No, Distribution Miniature Circuit Breaker of 10/20 Amps S-p (6KA) 24.00 Nos, LED phase light volt meter type (RYB), Earthling 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).	1.00	No	Each	0.00
7	Providing & laying of PVC 2-Core flexible 23/0.0076" copper conductor cable 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 (KM, Eagle or Equivalent)	50.00	M	Per M	0.00

8	Supply & installation of Multilight plug 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 (KM, Hero, PPI or Equivalent)	15.00	No	Each	0.00
9	Supply & installation of a Power plug 30A Porcelain base 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 (KM, Hero, PPI or Equivalent)	6.00	No	Each	0.00
10	Supply, Installation and connection of LED Search light (100W, 240~, Day light) i/c PVC wire connector 16A and any accessories (i.e. screw. Rawl plug or steel nail, etc.) at site. Complete in all as approved by the Engineer incharge. (Osaka-E018E or equivalent).	6.00	No	Each	0.00
11	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	Each	0.00
				Total	0.00
	Stair Case (Non-Schedule)				
1	Providing and fixing iron stair consisting MS angle iron 2"x2"x1/4" box type M.S Angle iron 1"x1"x1/8" for steps frame, angle iron 1.5"x1.5"x1/8" for landing, Angle iron 1.5"x1.5"x1/4" for braces MS patti 3/4"x1/8" in steps including painting complete in all respect as approved by the Engineer Incharge.	2.00	Job	Each	0.00
				Total	0.00

The Islamia University of Bahawalpur

4

Construction of Watch Towers along Boundary Wall at RYK Campus

Estimate for 10 No's Watch Towers (Observation Posts)

IRS July-Dec, 2019

No	Description	Quantity	Rate	Unit	Amount
Civil Work (Schedule Items)					
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	7200.00	Cft	%o Cft	-
2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- Ratio 1: 4: 8	900.00	Cft	% Cft	-
3	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	10600.50	Kg	% Kg	-
4	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 Ratio (1: 1.5: 3)	1710.00	Cft	Per Cft	-
5	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: 1.5: 3)				
	i) Ground Floor	1010.63	Cft	Per Cft	-
	ii) First Floor	812.88	Cft	Per Cft	-
6	Pacca brick work cement, sand mortar:- First floor Ratio 1:3	732.60	Cft	% Cft	-

7	Providing and laying roof insulation, comprising of single layer of tiles 9"x4½"x1½" (225x113x40 mm) grouted with cement sand mortar 1:3 laid over 2" (50 mm) 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	855.63	Sft	% Sft	-
8	Pacca brick work foundation & plinth cement, sand mortar:- Ratio 1:5	1260.00	Cft	% Cft	-
9	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 2: 4	594.00	Cft	% Cft	-
10	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	594.00	Cft	% Cft	-
11	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels. Size 1½" x 3/8" (40 x 10 mm)	249.00	Rft	Per Rft	-
12	Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:- 2"(50 mm) thick	1440.00	Sft	% Sft	-
13	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	1280.00	Sft	% Sft	-
14	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick	1998.25	Sft	% Sft	-
15	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	5538.15	Sft	% Sft	-
16	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.	2745.50	Cft	% Cft	-
17	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	586.81	Sft	% Sft	-

18	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, 'tanks, etc., including cutting, drilling, rebitting, handling, assembling and fixing, but excluding erection in position.	4125.00	Kg	% Kg	-
19	Erection and fitting in position iron trusses, staging of water tanks, etc.	4125.00	Kg	% Kg	-
20	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	1317.47	Sft	% Sft	-
21	Filling, watering and ramming earth under floors:- ii) with new earth excavated from outside,lead upto one chain (30 m). i/c 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).	8496.00	Cft	%o Cft	-
22	Providing/Using Sulphate Resistat 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.	550.00	No	Each	-
				Total	-

Electric Work (Schedule Items)					
1	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. iii) 3/4" (20mm) dia --	600.00	Rft	Per Rft	-
2	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	Each	-
3	Supplying and erection of single core PVC insulated copper conductor PVC insulated cables in prelaidd PVC pipe (rate for cables only)				
	a) Cable 3/0.029"	850.00	Rft	Per Rft	-
	b) Cable 7/0.029"	800.00	Rft	Per Rft	-
				TOTAL	0.00

Electric Work (Non-Schedule Items)					
1	Supply and installation of LED Strip (Patti) with 20W LED tube rod (220V ~, 6500K) i/c any accessories required at site complete in all respect & approved by the Engineer Incharge. (Phillips T8 or Equivalent)	10.00	No	Each	-
2	Supply and installation of 4 Gang switch plate with plastic back box 4x4 i/c any acesories required at site complete in all respect & approved by the Engineer Incharge. (Oppal fort series or Equivalent)				
	i) 3 Switch & socket	10.00	No	Each	-
3	Supply and installation of ceiling fan 48" with speed control dimmer at site i/c any accessories required at site. complete in all respects and as approved & directed by the Engineer Incharge. (Younas-Delux, Royal-3 star enercon, pakfan-Deluxe or Equivalent)	10.00	No	Each	-
				TOTAL	0.00

The Islamia University of Bahawalpur

5

Construction of Car Parking Sheds at Sub Campus Bahawalnagar

S: July to Dec 2019 B

No.	Description	Quantity	Unit Rate	Unit	Amount
Civil Work (Schedule Items)					
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and rammiing lead 'upto one chain (30 m) and lift upto 5 ft. (1.5 m) b) in ordinary soil.	2064.00	Cft	%0 Cft	-
2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (e) Ratio 1: 6: 12	516.00	Cft	% Cft	-
3	Pacca brick work in foundation and plinth in:- Cement, sand mortar:- 'Ratio 1:5	942.90	Cft	% Cft	-
4	Cement plaster 1:4 upto 20' (6.00 m) height:- B) ½" (13 mm) thick	2580.00	Sft	% Sft	-
5	Pacca brick work other than building upto 10ft. (3 m) height. cement, sand mortar:- 'Ratio 1:5	774.00	Cft	% Cft	-
6	Supplying and filling sand under floor; or plugging in wells.	2450.00	Cft	% Cft	-

7	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (e) Ratio 1: 6: 18	3815.44	Cft	% Cft	-
8	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) 'b) 60-mm thick	10312.00	Sft	P/Sft	-
9	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete: i) 95% to 100% maximum modified AASHO dry density.	20112.00	Cft	%0 Cft	-
10	Distance Lead Chart Earth Filling 5 Miles	20112.00	Cft	%0 Cft	-
					-
	<u>Civil Work (Non-Schedule Items)</u>				
1	P/F truss M.S pipe (2"x1") 18 SWG and frame with M.S square pipe 1"x1" fixing of fiber glass sheet (3mm thick) at truss supporting by vertical G.I pipe 4" dia fixing in ground as per design, drawing & pattern and as approved by the Engineer Incharge complete in all respect.	3672.00	Sft	P/Sft	-
				TOTAL	-
	<u>Electric work (Schedule)</u>				
1	Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials 25 mm	300.00	Rft	P/Rft	-
2	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 an capping/G.I. wire/trenches (rate for cables only). 250/440 volts, PVC insulated				
	3/0.74 mm (3/0.029")	900.00	Rft	P/Rft	-
	7/0.74 mm (7/0.029")	600.00	Rft	P/Rft	-
3	Supply and erection of switches 5 Amp. piano type	24.00	No	Each	-

4	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 10 x 10 cm (8"x10")	4.00	No	Each	-
5	Supply and erection of copper conductor cables for service connection, in prelaidd pipe/G.I. wire/trenches, etc. (rate for cable only):- a) PVC insulated, PVC sheathed twin core, 250/440 volts. iv) 7/0.91 mm (7/0.036")	400.00	Rft	P/Rft	-
6	Supply and erection of iron/aluminum clad, 500 volts main switches with kitkat fuses, on angle iron board with 3 mm (1/8") thick M.S. sheet covering, including bonding to earth with necessary flexible pipe and thimbles, etc. a) double pole: iii) 60/65 Amp.	1.00	No	Each	-
				Total	-
Electric work (Non-Schedule)					
1	Supply & erection of energy saver lamp 24 watt (Philips) i/c large size bakelite holder, Complete in all respect as approved by the engineer incharge.	24.00	No.	Each	-
				Total	-

Installation of Search Lights and Construction of 4.00 Nos Watch Towers at Sub Campus Bahawalnagar

A - Installation of Search Lights

S: 2nd Bi-Annual, 2019

No.	Description	Quantity	Unit Rate	Unit	Amount
A-1	Civil Work (Schedule)				
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)	850.00	Cft	%0 Cft	-
2	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):Ratio 1: 2: 4	260.00	Cft	%Cft	-
				A-1	-
A-2	Civil Work (Non Schedule)				
N.S	Manufacturing and supplying MS Iron round or square pipes with suitable dia using for portable and adjustable stand up to 25'-0 high assembling in pieces for fixing street ligts/search lights etc,painting 3 coats ,complete in all respect and as approved and required by the Engineer Incharge for site.	1.00	No	P/Job	-
				A-2	-
A-3	Electrical Work (Schedule)				
1	Supply and erection of shackle insulator, medium size	30.00	No	Each	-
2	Supply and erection of all aluminum stranded hard drawn bare conductor, of size 7/3.099 mm (7/0.122")	4500.00	Rft	Per Rft	-
3	Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes, bends, tees, repairing surface, etc., complete with all specials:- 32 mm i/d	2965.00	Rft	Per Rft	-
4	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	i) 7/0.74 mm (7/0.029")	400.00	Rft	Per Rft	-
	i) 7/1.12 mm (7/0.044")	5930.00	Rft	Per Rft	-
5	Supply and erection of iron/aluminum clad, 500 volts main switches with kitkat fuses, on angle iron board with 3 mm (1/8") thick M.S. sheet covering, including bonding to earth with necessary flexible pipe and thimbles, etc.double pole 60/65 Amp	2.00	No	Each	-
				A-3	-
B-1	Electrical Work (Non-Sechedule)				

1	Manufacturing and erection of Octagonal Galvanized Street Light Steel Pole 22'-0" long 10 SWG i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge.	4.00	No		Each	-
2	Manufacturing and erection of galvanized angle iron lattice steel structure LT pole of size 30'-8" long using high tensile steel angle 1¼"x1¼"x3/16" with MS angle iron and 1"x1"x½" and flat iron 2"x¼" bracing, weighing 130±3%kg i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge..	17.00	No		Each	-
3	Supply & Installation of Galvanized Stay wire set i/c all accessories such as 'U' clamp, Rod & Plate/concrete block etc. and any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge	4.00	No		Each	-
4	Supply, Installation and connection of LED Search light (150/160 Watt, 240~, Day light) i/c PVC wire connector 16A and any accessories (i.e. nuts, bolts, washers, etc.) at site. Complete in all as approved by the Engineer incharge.(Osaka-OS-TG-001, Sogo,Dany or equivalent).	6.00	No		Each	-
5	Supply, Installation and connection of LED SMD street light (100W, 240~, Day light) i/c PVC wire connector 16A and any accessories (i.e. nuts, bolts, washers, etc.) at site. Complete in all as approved by the Engineer incharge.(Osaka-OS-TG-001, Sogo,Dany or equivalent)	32.00	No		Each	-
6	Supply & installation of Automatic Light Activated Switch 220V, 10A rating 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	5.00	No		Each	-
				Total of	B-1	-

6-B

Construction of Watch Tower at Sub Campus Bahawalnagar**Estimate**

MRS: 2nd Bi-Annual, 2019

No	Description	Qty	Unit	Rate	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) b) in ordinary soil.	3094.00	%o Cft		

2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (b) Ratio 1: 4: 8	288.00	% Cft		
3	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) (h) deformed bars Grade-40	6123.60	% Kg		
4	(a)(ii) 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:- (2) Tvne B (nominal mix 1: 1½: 3)	600.00	P/Cft		
5	(a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (2) Type B (nominal mix 1: 1½: 3)				
	Ground Floor	1200	P/Cft		
	First Floor	200	P/Cft		
6	Pacca brick work in foundation and plinth in:- i) Cement, sand mortar:- Ratio 1:3	300.08	% Cft		
7	Providing and laying roof insulation, comprising of single layer of tiles 9"x4½"x1½" (225x113x40 mm) grouted with cement sand mortar 1:3 laid over 2" (50 mm) thick earth (including mud plaster) over ¾" thermopore sheet, over polythene sheet 300 gauge over a layer of bitumen, complete in all respects:-	506.24	% Sft		
8	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	35.57	% Cft		
9	Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50 mm) gauge.	63.45	% Cft		
10	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels. a) 'Size 1½" x 3/8" (40 x 10 mm)	123.00	Per Rft		

11	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (c) 1½"(40 mm) thick	417.60	% Sft		
12	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. b) '1:3	804.48	% Sft		
13	Cement plaster 1:4 upto 20' (6.00 m) height:- b) "½" (13 mm) thick	2410.08	% Sft		
14	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: a) new surface: 3-coat	3002.2	% Sft		
15	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.	184.80	% Cft		
16	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	528.00	% Sft		
17	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.	2088.00	% Kg		
18	Erection and fitting in position iron trusses, staging of water tanks, etc.	2088.00	% Kg		
19	Painting guard bars, gates of iron bars, gratings, railing (including standards, braces etc.) and similar open work:- New surface 3-Coats.	1037	% Sft		
				Sub Total	

The Islamia University of Bahawalpur

Estimate for Earthwork, Excavation, Removing, Shifting Loose Soil and Preparing Kacha Track Along The Drain Adjacent of Boundary Wall at Rahim yar khan Campus

7

MRS July-Dec, 2019

No	Description	Quantity	Rate	Unit	Amount
Civil Work (Schedule Items)					
1	Earthwork excavation in ashes, sand and soft soil or silt clearance, undressed lead upto 50 ft (15 metre).	189405.00 Cft		%o Cft	-
2	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) a) 'upto ¼ mile (400 m). b) for every 330 ft. (100 m) additional lead or part thereof, beyond ¼ mile (400 m) upto one mile. (1.6 Km.) c) 'for every ¼ mile (400 m) additional lead or part thereof, beyond one mile (1.6 Km) upto 5 mile (8 Km)	189405.00 Cft		%o Cft	-
3	Dressing slopes of banks or ground surface.	37500.00 Sft		% Sft	-
4	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete: iii) 85% maximum modified AASHO dry density.	18750.00 Cft		%o Cft	-
				Total	-

The Islamia University of Bahawalpur

8 Annual/Special Repair for Cat B House No.B-19 at Baghdad-ul-Jadeed Campus

MRS (Jul to Dec) 2019

No	Description	Quantity	Rate	Unit	Amount
Annual Repair					
Civil Work (Scheduled Item)					
1	Scraping Ordinary distemper, oil bound distemper, or paint of wall.	7,783.73 Sft		% Sft	
2	Preparing surface and painting with emulsion paint:- old surface 2 coats	9,238.34 Sft		% Sft	
3	Painting Doors & Windows any type on old surface 2 Coats.	2,612.27 Sft		% Sft	
4	Providing and Applying of weather sheild paint of approved quality on external surface of building i/c preparation of surface application of primer complete in all respect old surface	7537.41 Sft		% Sft	

5	Petty repair to main rooms.	5.00	No's		Each
6	Petty repair to small rooms.	5.00	No's		Each
7	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick	100.00	Sft		% Sft
			Total		
<u>Special Repair</u>					
Civil Work (Scheduled Item)					
1	Dismantling cement concrete 1:2:4 plain.	244.53	Cft		% Cft
2	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 2: 4	155.00	Cft		% Cft
			Total		
Civil Work (Non Scheduled Item)					
1	Providing and laying Floor Tile 16" x 16" Granite effect, (Master) GEM series Polished (Dark color ST) including 05% Wastage laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2 complete in all respects as approved by Engineer incharge	1142.08	Sft		Per Sft
2	Providing, laying placing & finishing of two coats of wall putty (ICI, Buerger Brighto, Master) on finish plaster surface complete in all respects as directed and approved by the engineer incharge.	9,125.00	Sft		% Sft
3	Providing and laying Coloured Glazed Tile Dado/Floor 12" x 18" size SP Series - Plain matching Dark Colors (Glossy / Matt) SP PLN - 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.	786.75	Sft		% Sft
4	Providing and fixing Door Lock complete in all respects as approved by the Engineer incharge	13.00	No's		Each
			TOTAL =		
<u>Plumbing Work</u>					
1	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		Each

2	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. Coloured	2.00	No		Each
3	Providing and fitting "P" trap:- 10 cm (4") glazed.	6.00	No		Each
4	Providing and fixing chromium plated tee stop cock '15mm (½").	4.00	No		Each
5	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	2.00	No		Each
6	Providing and fixing chromium plated bib cock:- 1.5 cm (½")	2.00	No		Each
7	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	2.00	No		Each
		TOTAL		=	
<u>Plumbing Work Non-Schedule Items</u>					
1	Providing and fixing and testing uPVC plain ends socketed pipes, waste, vent & rain water as per approved make and quality including uPVC fittings with solvent cement jointing or rubbering joints complete in all respects including clamps, tee etc complete in all respect as approved by the engineer incharge 4" i/d	40.00	Rft		P/Rft
2	Providing and laying, cutting, jointing, testing and disinfecting PPRC pipe line for hot and cold water supply complete in all respect socket, elbow, encaps, male/female, threaded, fitting, like teese, adoptors to connect polydex pipes to other pipe and shower, wash basin, bibcock etc. as required at site. 25mm o/d (Dadex/Beta/BBJ)	20.00	Rft		P/Rft
3	Providing & Fixing Stop Valve PPRC 25mm complete in all respects, as approved by the Engineer Incharge.	2.00	No		Each
4	Providing & Fitting plastic floor jali best quality complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.	5.00	No		Each
5	Providing & Fixing Muslim shower with double bib cock of Fasial / Master with flexibe pipe complete unit in working condition, complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.	2.00	No		Each

6	Providing and fixing Coloured Glazed Earthen ware water closet European type Couple set including Flush Tank fixed with comode, Bakelite sheet cover thrimble, connection pipe Complete in all respect and approved by Engineering Incharge. (Master Company)	1.00	No		Each	
7	Providing & Fixing wall shower (Dilawar) complete in all respects as approved by the Engineer Incharge.	2.00	No		Each	
					Total	

Add 16% Punjab Sales Tax

Total _____

The Islamia University of Bahawalpur

9 Providing & Laying Sui Gas Pipeline for Veterinary Hospital at Baghdad-ul-Jadeed Campus

Sui Gas Work

MRS Jul to Dec, 2019

No	Description	Quantity	Rate	Unit	Amount
1	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) 1" i/d (25 mm)	350.00		Rft	Per Rft -
	ii) ½" i/d (15 mm)	330.00		Rft	Per Rft -
2	Providing and fixing, brass gas cock:-				
	i) 15 mm (½") dia	15.00		No	Each -
	ii) 20 mm (¾") dia	6.00		No	Each -
				Total	-
Sui Gas Work (Non-Schedule)					
1	Providing & Fixing MS Pressure pipe 1" dia, 4mm 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.	2000.00		Rft	Per Rft -
2	Providing & Fixing Muller Tee best qulaity complete in all respects as approved by the engineer incharge 1" dia	1.00		No	Each -
3	Providing & Fixing Gas regulator 043 best qulaity complete in all respects as approved by the engineer incharge	1.00		No	Each -
4	Providing & Fixing Gas Service Valve 1" dia best qulaity complete in all respects as approved by the engineer incharge	1.00		No	Each -
5	Horizontal boring underneath roads, walking path & ramps of houses for crossing the sui gas/water supply pipe line 3" i/d upto 3' depth. Complete in all respects as approved and as directed by the engineer incharge	100.00		Rft	Per Rft -
				Total	-

The Islamia University of Bahawalpur

10 Annual Special Repair for Cat-B House No. B-16 at Baghdad-ul-Jadeed Campus

MRS (Jul to Dec) 2019

No.	Description	Quantity	Unit Rate	Unit	Amount
<u>Annual Repair</u>					
1	Scraping Ordinary distemper, oil bound distemper, or paint of wall.	1,397.55 Sft		% Sft	0.00
2	Providing and Applying of weather sheild paint of approved quality on external surface of building i/c preparation of surface application of primer complete in all respect old surface	10382.30 Sft		% Sft	0.00
Total					-
<u>Special Repair</u>					
1	Cement plaster 1:5 upto 20' (6.00 m) height:- ½" (13 mm) thick	312.50 Sft		% Sft	0.00
2	Cement plaster 1:3 upto 20' (6.00 m) height:- ½" (13 mm) thick	1994.6 Sft		% Sft	0.00
3	Providing and laying machine sprayed plaster ½" (13 mm) thick, using cement and chips zero gauge, over the existing plastered and roughened surface, upto 20' (6.00 m) height. ratio 1:2	2045.00 Sft		% Sft	0.00
4	Laying floor of approved coloured glazed tiles ¼ "(6 mm) thick, laid in white cement and pigment on a bed of ¾" (20 mm) thick cement mortar 1:2.	79.72 Sft		% Sft	0.00
5	Coloured glazed tile dado ¼" (6mm) thick in pigment over 1:2 cement, sand mortar ¾"(20mm) thick, including finishing.	210.00 Sft		% Sft	0.00
6	Pacca brick work in ground floor:- Cement, sand mortar:- Ratio 1:3	369.00 Sft		% Cft	0.00
7	Providing and fixing barbed wire fencing on compound wall, consisting of 1½"x1½"x3/16" (40x40x5mm) angle iron post 3' (900 mm) long, 4' (1200 mm) apart embedded in cement concrete 1:4:8 base of size 6"x6"x9" (150x150x225 mm) and 4 rows of barbed wire, including binding wire, painting posts, etc. complete in all respects.	380.00 Rft		% Rft	0.00
Total					-

	Civil Work N.S				
1	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.	168.05 Sft		P/Sft	-
			Total		-
	<u>Plumbing Work</u>				
1	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1.00 Nos		Each	0.00
2	Providing and fixing chromium plated bib cock:- 1.5 cm (1/2")	2.00 Nos		Each	0.00
3	Providing and fitting:-				
i	plastic soap dish	2.00 Nos		Each	0.00
ii	plastic towel rail	2.00 Nos		Each	0.00
iii	plastic shelf 60x13 cm (24"x5") with bracket and railing.	2.00 Nos		Each	0.00
4	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	2.00 Nos		Each	0.00
			Total		-
	<u>Plumbing Work N.S</u>				
1	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe line 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. 25 mm	25.00 Rft		P/Rft	0.00
2	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe line 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. 32 mm	30.00 Rft		P/Rft	0.00
3	Providing & Fixing Gate Valve PPRC 25mm best quality complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.	2.00 Nos		Each	0.00

4	Providing & Fixing Gate Valve PPRC 32mm best quality complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.	2.00 Nos		Each	0.00
5	Providing & Fixing Muslim shower with double bib cock of Fasia / Master with flexibe pipe complete unit in working condition, complete in all respect as per specifications and drawings and as approved by the Engineer Incharge.	2.00 Nos		Each	0.00
				Total	-