

The Islamia University of Bahawalpur

Providing & Fixing Additional Turbine (One No.) at Baghdad-ul-Jadeed Campus

Civil Work

MRS Jul-Dec, 2022

No	Ref #	Description	Quantity	Rate	Unit	Amount
1	3/21	Excavation in Foundation of building, bridges and other structures including dag-belling, dressing, refilling around structure with the excavated earth. i) In ordinary Soil	2500.00 Cft		0% 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 1:6:12	550.00 Cft		% Cft	
		ii) Ratio 1:4:8	850.00 Cft		% Cft	
3	7/4	Pacca brick work in foundation and plinth in Cement, sand mortar				
		i) Ratio 1:6	1600.00 Cft		% Cft	
		ii) Ratio 1:4	640.00 Cft		% Cft	
4	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. 1½" thick (40 mm)	400.00 Sft		% Sft	
5	6/12	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 bar. 40-Grade	950.00 Kg		%Kg	
6	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-C (nominal mix 1:2:4)	450.00 Cft		P/Cft	
7	7/5	Pacca brick work in ground floor cement sand motar. Ratio 1:5	2500.00 Cft		% Cft	
8	11/9	Cement plaster 1:4 upto 20' (6.00 m) height ½" (13 mm) thick	4500.00 Sft		% Sft	
9	11/10	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. Ratio 1:2	600.00 Sft		% Sft	
10	12/50	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	110.00 Sft		P/Sft	
11	12/15	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)	110.00 Sft		P/Sft	

No	Ref #	Description	Quantity		Rate	Unit	Amount
12	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.	100.00	Sft		P/Sft	
13	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.mbitumen coating sand blinded.	500.00	Sft		%Sft	
14	10/15	Providing and laying topping of cement concrete 1:2:4 including surface finishing and dividing in panels i) 2" (50 mm) thick ii) 3" (75 mm) thick	450.00	Sft		%Sft	
			650.00	Sft		%Sft	
15	25/10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, 'tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	2500.00	Kg		% Kg	
16	13/33	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	3500.00	Sft		% Sft	
17	13/5	Painting new surface: Preparing surface and painting of doors and windows any type (including edges):- 3 coats	250.00	Sft		% Sft	
18	11/23	Distemper new surface 3 coats	5500.00	Sft		% Sft	
						Total	
1	N.S	Civil Wrok (Non-Schedule) Furnishing & installing 1" thick M.S Plate 3'x3'x1" thick duly cut in center to the size of circle to accommodate pump suspension and filled on pump pedistal with net & bolts.	1.00	Job		P/Job	
2	N.S	Providing & laying cement pump pedestal 3'x3'x5' with 1:2:4 cement concrete and embeded MS Nut bolts 1" dia 3' below shaped to hold MS housing pipe & MS plate to pedestel complete in all respects as approved by the engineer incharge	1.00	Job		P/Job	
						Total	
1	23/5	Water Supply Work 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 below ground i) level 20" to 26" (500 to 650 mm) i/d. ii) Exceed 250 to Below Ground level.	250.00	Rft		Per Rft	
			75.00	Rft		Per Rft	
2	23/13	Providing and installing Fiber glass Reinforced Polypropelene (FRP) strainer of specifid wall thickness having slot size of 0.9 mm to1.10mm in Tubewell bore hole i/c the cost of male/female coupling with Nylone Strip, studs complete in all					

No	Ref #	Description	Quantity		Rate	Unit	Amount
		respect as approved and directed by the Engineer Incharge.					
		10" inch dia (6.35 mm thickness	100.00	Rft		Per Rft	
3	23/15 k & i	Providing and installing MS blind pipe, B.S.S. Class 'B', in tubewell bore hole, including sockets and solvents and jointingwith strainer, etc. complete.					
		i) 15" dia 1/4" (375 mm i/d 6 mm) thick	100.00	Rft		Per Rft	
		ii) 10" dia 1/4" (250 mm i/d 6 mm) thick	225.00	Rft		Per Rft	
4	23/30	Providing and fixing cast iron special of B.S.S. Class 'B' (such as bend, tee cross collar, reducer, tail piece, flanged spigot, cap, flanged socket, taper, angle branch, plug etc.) for cast iron pipe line , complete C.I. flanged specials, with flanged and flanged joints.					
		8" to 18" (200 to 450 mm) i/d	1500.00	Kg		Per Kg	
5	23/10 i	Providing and installing M.S. Bail plug in tubewell bore hole. 10" i/d, 2 ft.	1.00	No		Each	
6	23/19	Shrouding with graded pea gravel 3/8" to 1/8" (10 to 3 mm), around tubewell in bore hole.	2000.00	Cft		Per Cft	
7	23/27	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:-					
		i) 10" i/d (250 mm)	6300.00	Rft		Per Rft	
		ii) 12" i/d (300 mm)	3000.00	Rft		Per Rft	
8	23/23	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. 6" dia	120.00	Rft		Per Rft	
9	23/30	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):-					
		i) 6" i/d (150 mm)	4.00	No		Each	
		ii) 10" i/d (250 mm)	4.00	No		Each	
		iii) 12" i/d (300 mm)	2.00	No		Each	
10	19/47	Providing, fixing, testing and commissioning of µ PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe make of dadex /Popular/Beta/BBJ plain /socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.					
		Type (SDR 41/SN-4) 4"(110 mm)	250.00	Rft		Per Rft	
11	3/44	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	30000.00	Cft		%oCft	
						Total	
1	N.S	Water Supply (Non-Schedule) Providing and Fixing MS reducer 15"x10" and 5' long 1/4" thick for connecting housing blined pipe as specified as approved by the engineer incharge.	1.00	Job		Per Job	
2	NS	Developing testing and disinfecting completed well and scieling box hole with M.S. Cap complete in all respects as approved by the engineer incharge.	1.00	Job		Per Job	

No	Ref #	Description	Quantity		Rate	Unit	Amount
3	NS	Furnishing and installing deep well vertical shaft driven turbine water lubricated pump K.S.B. make only capable of discharging 1.50 CFS of clean water against a total dynamic head of 175 feet with maximum setting of 80 feet with 15" dia M.S housing Pipe of the Tubewell allong with pump strainer (Brass) complete with automatic starter a 10" dia M.S section columns discharge head directly coupled through a non reverse ratchet to vertical requirement squirrel cage induction motor of 50 horse power (SIEMENS) to run on 3 phase 50 cycle 400 volts alternating current including non-return valve/ reflux valve 6" dia complete in all respects as approved by the engineer incharge.	1.00	No		Each	
						Total	
1	24/3	Electrical Work Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. i) 3/4" i/d (20 mm) ii) 1" i/d (25 mm)	200.00	Rft		Per Rft	
			150.00	Rft		Per Rft	
2	24/6	Supply and erection PVC pipe for recessed wiring (main and sub-main) purpose, including bends, specials, etc. in floor, wall or trenches:- i) 50 mm i/d ii) 80 mm i/d	50.00	Rft		Per Rft	
			40.00	Rft		Per Rft	
3	24/10	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). 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")	700.00	Rft		Per Rft	
			250.00	Rft		Per Rft	
			250.00	Rft		Per Rft	
			200.00	Rft		Per Rft	
4	24/13	Supply and erection of copper conductor cables c-vii for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:- i) 25 mm (19/0.052") ii) 50 mm sq (19/0.072")	250.00	Rft		Per Rft	
			150.00	Rft		Per Rft	
5	24/103	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge a) One way Gange Switch Small i) 02 Gange ii) Three pin Light Plug 10/13 Amp iii) Fan Dimmer iv) Three Pin Power Plug 15-32 Amp Large i) 06 Gange	2.00	No		Each	
			6.00	No		Each	
			2.00	No		Each	
			4.00	No		Each	
			3.00	No		Each	
6	24/86	Suppling, Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws, necessary w wire complete in all respect as approved and directed by the					

No	Ref #	Description	Quantity		Rate	Unit	Amount
7	24/105	Engineer Incharge Double Pole 6-63 Amp (10 KA) Supply, insatllation, commissioning and testing of oil cooled type, Step down Power Transformer of specified rating, 11/0.415 kV, i/c the cost of lifting hooks, thermometers, LT & HT bushing 5-steps, tap changer, imported double float buchholz relay, 2 earthing terminals, roller wheels, connecting terminals for cables M.S box on transformer in order to cover complete L.T side, all necessary materials required for connections on H.T & L.T side, rated voltage 11000/415/240 V impedance 6.25% or as specified by WAPDA/IEC system earth: Delta / Star, neutral solidly earthed, i/c Wapda testing charges, complete in all respects made of PEL, Siemens, as approved and directed by the Engineer Incharge 200 KVA	1.00	No		Each	
8	24/104	P/F PVC concealed Switch kit Box i/c the cost of screws complete as approved and directed by the Engineer Incharge i) Small ii) Large	1.00	No		Each	
9	24/62	Supply and erection of all aluminum stranded hard drawn bare conductor, of size 7/3.099 mm (7/0.122").	14.00	No		Each	
11	24/63	Supply and erection of street light pole bracket 30 mm (1¼") G.I. pipe 2 metre long, complete with 2 No. pole clamp. Supply and erection of pole mounted street light, holders, shade and glass, etc., for fitting 125/250 watts mercury vapour lamp (excluding cost of lamps).	3.00	No		Each	
12	24/57	Supply and erection of shackle insulator, medium size.	10000.00	Rft		P/Rft	
			14.00	No		Each	
			85.00	No		Each	
						Total	
1	N.S	Electrical Work (Non-Schedule) 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)	6.00	No		Each	
2	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)	1.00	No		Each	
3	N.S	Supply & installation of Ceiling Fans, 56" sweep copper winding i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Royl Fan/Deluxe, Indus/Supreme, Pak Fan/Deluxe or equivalent)	1.00	No		Each	
4	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, 1¼" i/d GI pipe 5' long, GI tee & plug for watering also includes common salt, Lime (slaked) & charcoal around copper strip I/c connecting with Electric machine. Complete in all respects as approved and as directed by the engineer incharge.	1.00	No		Each	

No	Ref #	Description	Quantity	Rate	Unit	Amount
5	N.S	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.	7.00	No	Each	
6	N.S	Manufacturing and erection of galvanized angle iron lattice steel structure HT pole of size 34'-8" long using high tensile steel angle 1¾"x1¾"x3/16" with MS angle iron and 1"x1"x½" and flat iron 2"x½"bracing, weighing 200±3%kg i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge.	7.00	No	Each	
7	N.S	Supply & installation of 11-KV Dropout Fuse assemblies Set i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge	1.00	No	Each	
8	N.S	Supply & Installation of 11KV Pin Insulator i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge.	30.00	No	Each	
9	N.S	Supply & installation of Creosoted Wooden cross arm on steel structure pole with galvanized steel bracing & bolts i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge.	12.00	No	Each	
10	N.S	Supply and installation of 50mm²-120mm², Aluminum Alloy Parallel Groove Clamp complete with nut/bolts i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge.	12.00	No	Each	
11	N.S	Supply & Installation of 11KV Disc Insulator i/c aluminum alloy Dead end clamp and any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge.	6.00	No	Each	
12	N.S	Supply and installation of Double pole Plate Farm for 200KVA Transformer (Rs.Joist size 4"x8" with cross, welding, nut bolts i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge	1.00	No	Each	
13	N.S	Supply & erection of ACSR Dog (118.5 mm²) Conductor (Aluminum Conductor Steel Reinforced) for overhead11 KV Lines i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge.	2750.00	Rft	Per Rft	
14	N.S	Supply & Installation of Stay wire set i/c all accessories such as 'U' clamp, Rod & concrete block etc and any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge	5.00	No	Each	
					Total	

No	Ref #	Description	Quantity	Rate	Unit	Amount
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Work No.2

The Islamia University of Bahawalpur

Extansion of Main Parking area at Baghdad-ul-Jadeed Campus

Civil Work			MRS Jul to Dec, 2022			
No	Reff.	Description	Quantity		Rate	Unit
1	3/5 3/17	Earthowrk 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: 90% maximum modified AASHO dry density i/c transportation of earth 1/4 mile lead. i) With compection of earth work	90300.00	Cft		%o Cft
2	18/20	Providing and laying dry brick pavement/soling in streets or roads, etc. sand groundted, laid in proper camber, including preparation, watering, compaction of bed to proper camber, and sand cushion.	15520.00	Cft		% Cft
3	3/21	Excavation in foundation of building, bridges and other structures including deg-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. - By Manual in ordinary soil	3389.12	Cft		%o Cft
4	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	4250.00	Cft		% Cft
5	7/4	Pacca brick work in foundation & plinth with cement sand mortor (1:6)	712.00	Cft		% Cft
6	11/11	Cement plaster 1:5 upto 20' (6.00 m) height:- 1/2" thick	9520.00	Sft		% Sft
7	7/30	Supplying and filling sand under floor; or plugging in wells.	4305.00	Cft		% Cft
8	6/2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	103.45	Cft		% Cft
9	6/5	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:2:4	256.00	Cft		% Cft
10	26/3	Providing and fixing barbed wire fencing, with 4 horizontal and 2 number cross wires fixed with posts of R.C.C., 1:2:4 (straining posts 7'x9"x9" (2.13 mx225x225 mm) at 100' (30 m) centre to centre, stiffening posts 7'x6"x6" (2.13 mx150x150 mm) at 50 ft. (15 m) interval and intermediate post 7'x5"x5" (2.13 mx125x125 mm) at 8 ft.(2.4 m) centre to centre), including cost of steel, its fabrication and placing of steel reinforcement, eye bolts, washers, etc. complete	1060.00	Rft		% Rft
11	10/41	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	16320.00	Sft		Per Sft

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No	Ref #	Description	Quantity	Rate	Unit	Amount
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NO.	Description	Quantity	Rate	Unit	Amount
1	Civil Schedule Items				
	Excavation in foundation of building, bridges and other structures including dag-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 Ft. - By Excavator:- in Ordinary Soil				
		0.00		% cft	
2	Cement concrete brick or stone ballast in foundation and plinth. (1:4:8)				
		4258.00		% cft	
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. 1:2:4)				
	Foundation				
	F1 at grid 16 B/W C to J	1071.00			
	F1 at grid 15 B/W C to J	1071.00			
	F2 at grid 2&3 B/W C to J	380.25			
	F2 at grid 4 B/W C to J	253.50			
	F2 at grid 5 B/W C to J	253.50			
	F3 at grid 11&12 B/W A to L	887.25			
	F3 at grid 15 B/W A to L	253.50			
	F3 at grid 4 B/W C to J	253.50			
	F3 at grid 2&3 B/W C to J	126.75			
	F3 at grid 1 B/W C to J	253.50			
	F3 at grid A&L B/W 13 to14	253.50			
	F4 at grid C&J B/W 6 to 11	544.50			
	Stem of columns				
	C1 at grid 16 B/W C to J	135.00			
	C1 at grid 15 B/W C to J	135.00			
	C2 at grid 2&3 B/W C to J	54.00			
	C2	72.00			
	C3 at grid 11&12 B/W A to L	126.00			
	C3 at grid 15 B/W A to L	54.00			
	C3 at grid 1 B/W C to J	36.00			
	C3	18.00			
	C3	36.00			
	C4 at grid C&J B/W 6 to 11	60.75			
	C5 For Minaar	165.00			
	Plinth Beams				
	PB 1 at grid C&J B/W 15 to 16	108.84			
	PB 2 at grid 15& 16 B/W F to G	40.50			
	PB 2 at grid 3& 4 B/W CD to EF and G To I J	81.00			
	PB 2 at grid D& I B/W 12 to 15	34.67			
	PB3 at grid 15& 16 B/W C to J	94.35			
	PB3	117.00			
	PB3	20.78			
	PB3	16.88			
	PB4 at grid D&J B/W 4to 11	65.63			
	PB4 at grid 4&12	67.50			
	PB4	48.38			
	PB4	64.49			
	PB4	16.62			
	For Minar of Masjid	75.00			
		0.00		P/Cft	
4	Fabrication of M.S. Reinforcement for cement concrete including bending, laying in position, making joints and fastening i/c cast of binding wire and labour charges for bending of steel reinforcement also includes removal of rust from bars - Deformed Bars (60-Grade)				
		13216.73		%Kg	

No	Ref #	Description	Quantity		Rate	Unit	Amount
	5	Pacca Brick Work in foundation and plinth in Cement Sand Mortar --- Ratio (1:6)					
			0.00		%0Cft		
		PB 1 at grid C&J B/W 15 to 16	48.38				
		PB 2 at grid 15& 16 B/W F to G	27.00				
		PB 2 at grid 3& 4 B/W CD to EF and G To I J	54.00				
		PB 2 at grid D& I B/W 12 to 15	23.12				
		PB3 at grid 15& 16 B/W C to J	75.48				
		PB3	93.60				
		PB3	16.62				
		PB3	13.50				
		PB4 at grid D&J B/W 4to 11	65.63				
		PB4 at grid 4&12	67.50				
		PB4	48.38				
		PB4	64.49				
		PB4	16.62				
		For Minar of Masjid	75.00				
			689.30		% Cft		
	6	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. i)2" thick (50 mm)					
			0.00		% sft		
		PB 2 at grid 15& 16 B/W F to G	27.00				
		PB 2 at grid 3& 4 B/W CD to EF and G To I J	54.00				
		PB 2 at grid D& I B/W 12 to 15	23.12				
		PB3 at grid 15& 16 B/W C to J	75.48				
		PB3	93.60				
		PB3	16.62				
		PB3	13.50				
		PB4 at grid D&J B/W 4to 11	65.63				
		PB4 at grid 4&12	67.50				
		PB4	48.38				
		PB4	64.49				
		PB4	16.62				
		For Minar of Masjid	30.00				
			644.30		% sft		
	7	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: 3 ($\frac{3}{4}$ " thick (20 mm)					
			0.00		% sft		
	8	Filling, watering and ramming earth under floors:- i) with surplus earth from foundation, etc.	0.00		%oCft		
	9	Filling, watering and ramming earth under floors:- with new earth excavated from outside, lead upto one chain (30 m). .	19275.00		%oCft		
	10	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)					
		C1 at grid 16 B/W C to J	262.50				
		C1 at grid 15 B/W C to J	262.50				
		C2 at grid 2&3 B/W C to J	81.00				
		C2	108.00				
		C3 at grid 11&12 B/W A to L	189.00				
		C3 at grid 15 B/W A to L	81.00				
		C3 at grid 1 B/W C to J	54.00				

No	Ref #	Description	Quantity	Rate	Unit	Amount
		C3	27.00			
		C3	54.00			
		C4 at grid C&J B/W 6 to 11	27.00			
		C5 For Minaar	1155.00			
		B1	387.00			
		B2	94.50			
		B3	81.00			
		B3	34.67			
		B3	64.49			
		B3	13.50			
		B4	75.48			
		B4	93.60			
		B4	16.62			
		B4	32.24			
		B4	9.75			
		B5 & B6	51.81			
		Hall Roof	1699.29			
		Veranda Roof	741.99			
		Entrance Lobby	576.26			
		Ablution area	703.54			
		Toilet Block	312.50			
		Main 'Entrance Lobby	62.44			
		Top Central Roof	482.63			
			0.00	P/ Cft		
12		Pacca B/Work in Cement Sand Mortar, (1:5) Ground Floor	7909.00	% Cft		
		BRICK WORK ON Plinth Beams				
		wall at grid C&J B/W 15 to 16	846.56			
		Wall at grid 15& 16 B/W F to G	472.50			
		Wall at grid 3& 4 B/W CD to EF and G To I J	729.00			
		wall at grid D& I B/W 12 to 15	404.51			
		wall at grid 15& 16 B/W C to J	1320.90			
		wall	1263.60			
		wall	224.37			
		wall	182.25			
		wall at grid D&J B/W 4to 11	295.31			
		wall at grid 4&12	911.25			
		wall	653.06			
		wall	870.55			
		wall	224.37			
		For Minar of Masjid	630.00			
			9028.24			
		D/D of Doors Windows etc				
		D1	73.50			
		D2	189.00			
		D3	73.13			
		W1	117.00			
		W2	31.69			
		W3	135.00			
		W4	49.50			
		W5	18.00			
			686.81			
13		Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. b) 1:3	4811.00	% Sft		
		B1	774.00			
		B2	252.00			
		B3	216.00			
		B3	92.46			
		B3	171.96			
		B3	36.00			
		B4	201.28			
		B4	249.60			
		B4	44.32			
		B4	85.98			
		B4	26.00			

No	Ref #	Description	Quantity	Rate	Unit	Amount
		B5 & B6	138.16			
		Hall Roof	3218.09			
		Veranda Roof	1399.59			
		Entrance Lobby	1012.78			
		Ablution area	1222.21			
		Toilet Block	1250.00			
		Main 'Entrance Lobby	124.88			
		Top Central Roof	482.63			
	14	Cement plaster 1:4 upto 20' (6.00 m) height:- b) 3/4" thick.				
		C1 at grid 16 B/W C to J	682.50			
		C1 at grid 15 B/W C to J	682.50			
		C2 at grid 2&3 B/W C to J	324.00			
		C2	432.00			
		C3 at grid 11&12 B/W A to L	756.00			
		C3 at grid 15 B/W A to L	324.00			
		C3 at grid 1 B/W C to J	216.00			
		C3	108.00			
		C3	216.00			
		C4 at grid C&J B/W 6 to 11	288.00			
		wall at grid C&J B/W 15 to 16	2257.50			
		Wall at grid 15& 16 B/W F to G	1260.00			
		Wall at grid 3& 4 B/W CD to EF and G To I J	1944.00			
		wall at grid D& I B/W 12 to 15	1078.70			
		wall at grid 15& 16 B/W C to J	3522.40			
		wall	3369.60			
		wall	598.32			
		wall	486.00			
		wall at grid D&J B/W 4to 11	787.50			
		wall at grid 4&12	2430.00			
		wall	1741.50			
		wall	2321.46			
		wall	598.32			
		For Minar of Masjid	4480.00			
			30904.30			
		D/D of Doors Windows etc				
		D1	196.00			
		D2	504.00			
		D3	195.00			
		W1	312.00			
		W2	84.50			
		W3	360.00			
		W4	132.00			
		W5	48.00			
			1831.50			
			0.00		% Sft	
	15	Cement plaster 1:4 upto 20' (6.00 m) height:- b) 1/2" (13 mm) thick				
			0.00		% Sft	
	16	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. b) 1-1/2" thick	4811.00		%Sft	
		Hall Roof	2594.78			
		Veranda Roof	1155.03			
		Entrance Lobby	678.21			
		Ablution area	1010.95			
		Toilet Block	512.00			
		Main 'Entrance Lobby	124.88			

No	Ref #	Description	Quantity		Rate	Unit	Amount
	17	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 also includes a layer of polythene sheet etc. ii) 500 gauge (.005" thick)					
		Hall Roof	2594.78				
		Veranda Roof	1155.03				
		Entrance Lobby	678.21				
		Ablution area	1010.95				
		Toilet Block	512.00				
		Main 'Entrance Lobby	124.88				
			0.00		%Sft		
	18	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)					
			8.00		Each		
		D1	196.00				
		D2	336.00				
		W1	156.00				
		W2	42.25				
		W3	180.00				
		W4	66.00				
		W5	24.00				
	19	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 20 mm (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 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.	416.00		P/Sft		
	20	Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size 1- 1/2"x1/2" and thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	416.00		P/Sft		
	21	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)					
			0.00		P/Rft		
	22	Preparing surface and painting with emulsion paint:- New surface 3-coats					
		B1	774.00				
		B2	252.00				
		B3	216.00				
		B3	92.46				
		B3	171.96				
		B3	36.00				
		B4	201.28				
		B4	249.60				
		B4	44.32				
		B4	85.98				
		B4	26.00				
		B5 & B6	138.16				
		Hall Roof	3218.09				
		Veranda Roof	1399.59				
		Entrance Lobby	1012.78				
		Ablution area	1222.21				
		Toilet Block	1250.00				
		Main 'Entrance Lobby	124.88				
		Top Central Roof	482.63				
			0.00		% Sft		
		W1	156.00		% Sft		

No	Ref #	Description	Quantity		Rate	Unit	Amount
		W2	42.25		% Sft		
		W3	180.00		% Sft		
		W4	66.00		% Sft		
		W5	24.00		% Sft		
23		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					
			0.00		% Sft		
24		Painting new surface:- Preparing surface and painting of doors and windows any type (including edges):- 3-Coats	832.00		% Sft		
			67.25				
25		Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)					
			497.00		P/Sft		
26		Providing and fixing ornamental cement jali 2" (50 mm) thick (1: 2: 4), without steel.					
		Front sides	600.00				
		Sides	165.00				
		Sides	125.00				
			0.00		P/Sft		
27		P/F1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1" thick packing woodin style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.					
			0.00		P/sft		
28		Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt,lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge. Oak/Ash wood Door (iii) 1-1/2" thick (40 mm)	90.00		P/sft		
29		Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement.	120.00		P/sft		
30		Providing and laying superb quality Ceramic tiles dado of Master brand of specified size,Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2"thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Enginee. 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"					
			546.00		P/Sft		

No	Ref #	Description	Quantity		Rate	Unit	Amount
	31	Providing and laying superb quality Ceramic tile floors of Master brand of specified size,Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"					
			350.00		P/Sft		
	32	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed Tile					
		(ii) 600mmx 600 mm	637.00		P/Sft		
	33	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design,Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles					
		(ii) 600mmx 600 mm	4461.00		P/Sft		
	34	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities / Shelves / Treads/Window Cills , having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortor i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge.					
		China Verona	0.00		P/Sft		
	35	Preparing surface and Lacquar polish to reveal wooden grains by application of multiple coats of wood sealer , sand papering with different no of sandpapers and Lacquar to make glossy surface finish i/c the cost of cotton, thinner, wood sealer complete in all respects as approved and directed by the Engineer Incharge. Matt Finish	472.00		P/Sft		
	36	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (lead 366 Kms from Sargodha					
			2520.00		% cft		
					Total		
		Civil Work (Non-Schedule)					
	1	Providing and fixing Steel Floor Jali complete in all respect as per specification and as approved by the Engineering Incharge.	7.00		Each		
	2	Providing and fixing 1½" (40mm) thick uPVC flush door i/c PVC Chowkat 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.	100.00		P/Sft		
					Total		

No	Ref #	Description	Quantity		Rate	Unit	Amount
		Electric Work (Schedule)					
	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	3/4" dia or 20 mm i/d	3800.00				
		3/4" dia or 20 mm i/d	0.00		P/Rft		
		25 mm i/d	0.00		P/Rft		
		2" i/d (50 mm)	200.00		P/Rft		
	2	Supply and erection of PVC pipe for recessed wiring main and submain) purpose, i/c bends, specials etc in floor, walls or trenches:					
		3" i/d (80 mm)	100.00		P/Rft		
	3	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:-					
		3/0.74 mm (3/0.029")	0.00		P/Rft		
		7/0.74 mm (7/0.029")	0.00		P/Rft		
		7/1.12 mm (7/0.044")	0.00		P/Rft		
	4	Supply and erection of copper conductor cables for service ditto connection, in prelaidd pipe/G.I. wire/trenches, etc. (rate for cable only):-PVC insulated, PVC sheathed 4 core,660/1100 volt non armoured cable:-					
		35 mm (19/0.064")	0.00		P/Rft		
	5	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge					
		a) One way Gange Switch					
		Small					
		i) 02 Gange	6.00		Each		
		ii) 03 Gange	6.00		Each		
		iii) Three pin Light Plug 10/13 Amp	60.00		Each		
		iv) Fan Dimmer	40.00		Each		
		v) Three Pin Power Plug 15-32 Amp	25.00		Each		
		Large					
		i) 04 Gange	4.00		Each		
		ii) 05 Gange	4.00		Each		
		iii) 06 Gange	12.00		Each		
	6	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. Plastic body 12" dia	6.00		Each		
	7	Suppling, Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaidd DBs and Panels i/c the cost of screwes, necessary wire complete in all respect as approved and directed by the Engineer Incharge					
		Single Pole					
		6-40 Amp (6 KA)	36.00		Each		

No	Ref #	Description	Quantity		Rate	Unit	Amount
	8	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaidd DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge					
		Tripple Pole					
		15-100 Amp(18 KA)	1.00		Each		
		125-250 Amp(18 KA)	1.00		Each		
	9	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessdded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter,Volt Selector Switch,Ammeter selector switch,Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately)					
		6" Deep 75~100A	5.00		P. Cft		
					Total		
		Electric Work (Non Schedule Items)					
	1	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)	40.00		Each		
			60.00				
	2	Supply & installation of Ceiling Fans, 56" sweep copper winding i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Roysl Fan/Deluxe, Indus/Supreme, Pak Fan/Deluxe or equivalent)	40.00		Each		
	3	Providing and Laying earthing for Electric Machines l/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 includs common salt, Lime (slaked) & charcoal around copper strip l/c connecting with Electric machine. Complete in all respects as approved and as directed by the engineer incharge.	1.00		Each		
	4	Supply & installation of LED 24W Down Light (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)	25.00		Each		
	5	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)	80.00		Each		
					Total		
	Ci	Plumbing Work (Schedule Items)					
	1	Supply and fitting of cast iron manhole cover with frame etc complete.60 cm (24") dia	0.00		Each		

No	Ref #	Description	Quantity		Rate	Unit	Amount
	2	Providing and Fixing Crommium plated bib cock 1/2" dia with plastic head as approved by the Engineer Incharge.					
			0.00		Each		
	3	Providing and fixing chromium plated pillar-cock, heavy:- i) (3/4")					
			0.00		Each		
	4	Providing and fixing chromium plated tee stop cock '15mm (1/2").					
			0.00		Each		
	5	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. ii) coloured					
			0.00		Each		
	6	Providing and fitting glazed earthen ware water closet squatter type (Orissa pattern) combined with foot rest. (Coloured).					
			0.00		Each		
	7	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					
			0.00		Each		
	8	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.'ii) Medium Quality '3" i/d (75 mm)					
			0.00		P/Rft		
	9	Providing and fitting "P" trap 10 cm (4") glazed					
			0.00		Each		
	10	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex/Popular/Beta or equivalent, plain/socket ended conforming to codeEN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge 4"(110 mm)					
			0.00		Each		
	11	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe make of dadex /Popular/Beta/BBJ plain /socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. 6"(160 mm)					
			0.00		P/Rft		
	12	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/ Beta / BBJ) with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials,making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).					
		(i) (3/4") 25 mm	110.00		P/Rft		
		(ii) (1") 32 mm	250.00		P/Rft		
		(iii) (2") 63 mm	160.00		P/Rft		

No	Ref #	Description	Quantity		Rate	Unit	Amount
	13	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge.					
		(i) 3 No Tee Stop Cock	10.00		Each		
		(ii) Lever Type Basin Mixer	5.00		Each		
		(iii) Double Bib Cock	5.00		Each		
		(iv) Muslim shower	5.00		Each		
	14	Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.					
		i) Plastic soap dish	5.00		Each		
		ii) Plastic toilet paper holder	5.00		Each		
		iii) Plastic tower rail	5.00		Each		
		iii) Plastic shelf 60x13 cm (24:x5") with bracket and railing	5.00		Each		
		iv) Looking glass with plastic frame	5.00		Each		
	15	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. iii) 225 mm (9:) i/d	500.00		Per Rft		
					Total		

The Islamia University of Bahawalpur

Work No. 4

Resurfacing of Roads at Different places of Baghdad-ul-Jadeed Campus

Resurfacing of Roads

MRS Jul to Dec, 2022

No	Description	Quantity		Rate	Unit	Amount
1	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 95% maximum modified AASHO dry density. i) Lead upto 1/4 mile	15000.00	Cft		%o Cft	
2	Providing and laying dry brick pavement/soling in streets or roads, etc. sand ground, laid in proper camber, including preparation, watering, compaction of bed to proper camber, and sand cushion.	1100.0	Cft		% Cft	
3	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	200.00	Rft		Per Rft	
4	Providing and laying base course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, including placing, mixing, spreading and compaction of base course					

No	Ref #	Description	Quantity		Rate	Unit	Amount
	5	material to required depth, camber and grade to achieve 100% maximum modified AASHO dry density, i/c carriage of all materials to site of work. Resurfacing of road, including supply of bitumen and 6-3 bajri/crushed stone aggregate of approved quality, including cleaning of road surface, heating and spraying of bitumen, and spreading bajri/crushed stone aggregate and rolling with road roller (including its operation cost, fuel and hire charges, etc.) complete, including carriage of all materials to site of work 1st Coat 22 lbs. bitumen, and 2.5 Cft. bajri of nominal size ½" (13 mm) per %Sft. or 1.07 Kg bitumen and bajri 0.007 cu.m per sq.m 18/9-i 2nd Coat 14 lbs. bitumen, and 1.5 Cft bajri of nominal size ¼" (6 mm) per %sft or 0.69 Kg bitumen and 0.005 cubic metre bajri per sq.metre	1250.00	Cft		% Cft	
	6	Providing and laying bituminous priming coat, using 10 lbs. kerosene oil and 10 lbs. binder per 100 Sft. or 0.5 Kg (18/6)	415000.0	Sft		% Sft	
	7	Providing and laying plant premixed bituminous carpet, including compaction and finishing to required camber, grade and density:- 3% Bitumen (18/10-i)	500.00	Sft		% Sft	
	8	Providing surface treatment to roads, including supply of bitumen and bajri/crushed stone aggregate of approved quality, including cleaning of road surface, heating and spraying bitumen, spreading bajri and rolling with road roller (including its operation cost, fuel and hire charges, etc.) etc. complete i/c carriage of all materials to site of work. 1st coat:- 40 lbs. bitumen, and 5.5 Cft. bajri of nominal size 1" (25 'mm) per 100 sq. feet or 1.96 Kg bitumen and 0.16 cu.metre bajri per square metre. 2nd coat:- 25 lbs. bitumen, and 2.75 Cft. bajri of nominal size ½" '(13 mm) or 1.23 Kg bitumen and 0.076 cu. metre bajri per sq.metre. 3rd coat:- 14 lbs. bitumen, and 1.5 Cft. bajri of nominal size ¼" (6 mm) per 0.69 Kg bitumen and 0.04 cubic metre per sq. metre.	4000.00	Sft		% Sft	
						Total	

Pipe Culverts 40' wide

Civil work						
No	Description	Quantity		Rate	Unit	Amount
1	Dismantling and removing road metalling 4/45	150.00	Cft		% Cft	
2	Dismantling and removing road pavement, etc., including screening and stacking of byproducts upto one chain lead (30 metre) 4/46	150.00	Cft		% Cft	

No	Ref #	Description	Quantity		Rate	Unit	Amount
	3	Excavation in foundation of building, bridges and other structures including deg-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. - By Manual:- in ordinary soil	3000.00	Cft		%o Cft	
	4	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- Ratio 1:4:8	200.00	Cft		% Cft	
	5	Pacca brck work in foundation and plinth in Cement Sand Mortar Ratio 1:4	2000.00	Cft		% Cft	
	6	Cement Plaster 1:4 upto 20' height 1/2" thick	2500.0	Sft		% Sft	
	7	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-79, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc., complete. 18" i/d	40.00	Rft		Per Rft	
	8	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 bar, 40-Grade.	1000.0	Kg		% Kg	
	9	Providing & laying reinforced C. Concrete usingcoarse sand and screened graded washedaggrigate in required shape & design i/c frames,moulds, shuttering, lifting, compacting, curing,rendering & finishing exposed surface Completebut excluding the cost of steel. RCC in Slab of Rafts/Strip Foundation, Base Slab of Column & otherthan those mentioned in 5a-i not requiring formwork i/c horizontal shuttering complete in allrespects Type-C nominal mix 1:2:4.	250.00	Cft		Per Cft	
	10	Painting old surface Preparing surface and painting of doors and windows any type (including edges):- 2 coats	18000.0	Sft		% Sft	
						Total	

Work No. 5

The Islamia University of Bahawalpur

Construction of Out Door Basket Ball Court and Allied Facilities at Baghdad-ul-Jadeed Campus

Civil Work

MRS Jul to Dec, 2022

No	Description	Quantity		Rate	Unit	Amount
1	Excavation in foundation of building, bridges and other structures including deg-belling, dressing, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. - By Manual:- in ordinary soil	1050.00	Cft		%o Cft	
2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth: Ratio 1:6:12	9650.00	Cft		% Cft	
3	Pacca brick work in foundation & plinth with cement sand mortor (1:6)	850.00	Cft		% Cft	
4	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1:4:8	2650.00	Cft		% Cft	
5	Cement plaster 1:5 upto 20' (6.00 mm) height:- ½" (13 mm) thick	1050.00	Sft		% Sft	

No	Ref #	Description	Quantity		Rate	Unit	Amount
	6	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1½" x 3/8"	5500.00	Rft		Per Rft	
	7	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels 2" (50 mm) thick	8000.00	Sft		% Sft	
	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) 60mm thick	6000.00	Sft		Per Sft	
	9	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (Lead 366 kms From Sargodha)	2544.00	Cft		% Cft	
						Total	

Civil Work (Non-Schedule)

No	Description	Quantity		Rate	Unit	Amount
1	Providing & Fixing Baskit ball pole & bracket with 6" dia G.I pipe vertical or Horizontal including angle iron and fiber glass board 7.20'x4.80' including PCC for foundation and MS plate 1'x1x1/4" in bottom and 2'x9"x1/2" on top of pipe also includes complete fitting & paiting of pipe at site complete in all respects as approved by engineer incharge.	2.00	No		Each	
2	Preparing surface and painting of Court yard with Weather shield Acrylic Paint 2 coats including rubbing the surface, applying primer coat complete in all respects and as per design, drawing, specification, as approved by the engineer incharge. (Burger, Kansai or ICI Dule	8000.00	Sft		Per Sft	
					Total	
	Electrical Work					
1	Supply and erection PVC pipe for recessed wiring (main and sub-main) purpose, including bends, specials, etc. in floor, wall or trenches:- 50 mm i/d	750.00	Rft		Per Rft	
2	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). 7/0.74 mm (7/0.029")	800.00	Rft		Per Rft	
3	Supply and erection of copper conductor cables for service connection, in prelaidd pipe/G.I. wire/trenches, etc. (rate forcable only):- PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable 16 mm (7/0.064")	950.00	Rft		Per Rft	
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. 20 x 25 cm (8"x10")	4.00	No		Each	
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,					

No	Ref #	Description	Quantity		Rate	Unit	Amount
		including bonding to earth with necessary flexible pipe and thimbles, etc. triple pole with neutral link: 60/65 Amp.	1.00	No		Each	
	6	Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws,necessary wire complete in all respect as approved and directed by the Engineer Incharge. Double Pole: 6-40 Amp (6 KA)	4.00	No		Each	
						Total	

Electrical work (Non-Schedul)

No	Description	Quantity		Rate	Unit	Amount
1	Supply & installation of LED search light 200W (220V~, CW or WW) with fitting arrangement for installation on walls, parapet, pole or etc. i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips BVP 151 or Equivalent)	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.	4.00	No		Each	
					Total	

Work No. 6

The Islamia University of Bahawalpur

Lining of Water Course with Pre-Cast Parabolic Shaped Channel from Agriculture College to New Education

Civil Work

MRS Jul to Dec, 2022

No.		Description	Quantity		Rate	Unit	Amount
1	3/52	Earthwork in excavation of drains, irrigation channels through excavator / drag lines in all kind of soil and conditions(dry,wetslush,daldal and under water) including its disposal and preparation of working pad for operation of machinery. (Rates including 100 ft lead)	5640.00	Cft		%oCft	
2	6/3-b	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- Ratio 1:4:8	85.00	Cft		%Cft	
3	7/4	Pacca brick work in foundation and plinth in Cement Sand Mortar Ratio 1:3	150.00	Cft		% Cft	
4	6/5-f	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 2: 4	60.00	Cft		% Cft	
5	11/8	Cement Plaster 1:3 upto 20' height 1/2" thick	200.00	Sft		% Sft	
6	3/5 +3/17 3/25	Earthowrk 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:- (Without Compaction) 85% maximum modified AASHO dry density. Lead upto 1/4 mile	15000.00	Cft		%oCft	

No	Ref #	Description	Quantity	Rate	Unit	Amount
1	N.S	Civil Work (Non-Schedule) Providing & Fixing RCC Nakkah 20" size for pacca water course, fixing at site with cement sand mortor complete in all respects as approved by the engineer incharge.	8.00	No	Each	
2	N.S	Providing & Fixing pre-cast water channel of cement concrete as per approved section of size 2.50'x1.75' (6 Nos as per Factory) including fixing at site with cement sand mortor 1:3 on joints also includes loading, unloading & carriage of all materials form factory to site of work complete in all respects as approved by the engineer incharge	1880.00	Rft	Per Rft	
					Total	