

Estimate

Estimate Based on MRS July to Dec, 2023 BWN

No.	Description	Quantity	Rate	Unit	Amount
	Civil Work (Schedule Items)				
1	Dismantling 2nd class tile roofing	255.00 Sft		%Sft	
2	Removing cement or lime plaster.	1157.32 Sft		%Sft	
3	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 Bar Grade 60	465.59 Kg		% Kg	
4	Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- 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. Ground Floor Ratio (1:1.5:3)	127.50 Cft		Per Cft	
5	Dismantling cement concrete 1:2:4 plain.	7.20 Cft		% Cft	
6	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge	14.85 Cft		% Cft	
7	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):(f) Ratio 1: 2: 4	71.81 Cft		% Cft	
8	Pacca brick work in ground floor:- i) cement, sand mortar:- Ratio 1:4	27.00 Cft		% Cft	
9	Pacca brick work in ground floor:- i) cement, sand mortar:- Ratio 1:5 First Floor	47.63 Cft		% Cft	
10	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. Ratio 1:3 Ground Floor up to 20' height	180.00 Sft		% Sft	
11	Cement plaster 1:4 upto 20' (6.00 m) height: Upto 20' heights a) ½" (13 mm) thick	1213.32 Sft		% Sft	
12	Applying floating coat of cement 1/32" (0.8 mm) thick	1393.32 Sft		% Sft	
13	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.	207.38 Sft		%Sft	
14	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc 500 gauge (.005" thick)	207.38 Sft		Sft	

No.	Description	Quantity	Rate	Unit	Amount
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)	139.50 Sft		Sft	
16	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	1.00 No		Each	
17	Preparing surface and painting with emulsion paint:- New surface 3-coats	608.04 Sft		%Sft	
18	Priming coat of chalk under distemper.	180.00 Sft		%Sft	
19	Distemping:- a) new surface:- iii) three coats	180.00 Sft		%Sft	
20	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) cemen tplaster 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"	581.28 Sft		P/Sft	
21	Providing and laying superb quality Ceramic tile floors of Master brand of specified size,Glossy/Matt/Texture of approved Color and Shade as perapproved 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"	185.98 Sft		Per Sft	
	Civil Work (Non-Schedule Items)			Total	
1	Providing & Fixing uPVC door 1.25" thick wooden colour i/c hinges kik plate, door handle with locking arrangement complete in all respects.	118.36 Sft		Per Sft	
	Electric Work (Schedule Items)			Total	
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 ii) 25 mm i/d	53 Rft 30.00 Rft		Per Rft Per Rft	
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). a) 250/440 volts, PVC insulated: i)3/0.74 mm (3/0.029") ii)7/0.74 mm (7/0.029")	236.00 Rft 267.00 Rft		Per Rft Per Rft	
3	Providing and fixing Copper wined 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 (i) 10" dia	2.00 No		Each	

No.	Description	Quantity	Rate	Unit	Amount
4	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 Large 05 Gauge	2.00	No	Each	
5	P/F PVC concealed Switch kit Box i/c the cost of screws complete as approved and directed by the Engineer Incharge ii) Large	2.00	No	Each	
6	Supply and erection of ceiling rose, bakelite	2.00	No	Each	
	Electric Work (Non-Schedule Items)			Total	
1	Supply & installation of LED 24 W (8 Inch) Down Light 6500 K ,2000 Lumen (Surface Mounted, 220V~) i/c any accessories required at site. Complete in all respect as directed and approved by the Engineer Incharge (Philips Essential or Equivalent)	6.00	No	Each	
	Plumbing Work (Schedule Items)			Total	
1	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 thecost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. Type (SDR 32.5/SN-8) i)4" (110 mm)	45.00	Rft	P/Rft	
2	Providing, fixing, testing and commissioning of μ-PVC (Unplasticized polyvinyl Chloride) Nikasi /wastepipe Fittings make of dadex /Popular /Beta/ BBJ conformingto code EN-1401 including thecost of Solvents complete in all respect as approved and directed by the Engineer Incharge. P-Trap 4" dia	11.00	No	Each	
3	Providing and fitting glazed earthen ware water closet squatter type (Orissa pattern) combined with foot rest. (Coloured).	11.00	No	Each	
4	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i. coloured, with pedestal	11.00	No	Each	
5	Providing, laying, testing and commissioning of POLY PROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressurerating 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 directedby Engineer Incharge.(Internal/External Diameters mentioned). PN-20 pipe ii)(3/4") 25 mm iii)(1") 32 mm	72.00 56.00	Rft Rft	P/Rft P/Rft	
6	Providing and Fixing Crommium plated bib cock 1/2" dia.	6.00	Nos	Each	

No.	Description	Quantity	Rate	Unit	Amount
7	Providing and fixing chromium plated pillar-cock, heavy:- ii) (1/2")	5.00 No.		Each	
8	Providing and fixing chromium plated tee stop cock '15mm (1/2").	11.00 No		Each	
9	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. ii) coloured	6.00 No.		Each	
	<u>Plumbing Work (Non-Schedule Items)</u>			Total	
1	Providing & Fixing Looking Glass 5 mm thick with sides Plastic Gola imported quality, complete in all respects and as approved by the Engineer Incharge.	8.00 Sft		P/ Sft	
2	Providing & fixing floor trap Jali plastic complete in all respect and as approved by the Engineer Incharge.	2.00 No		Each	
				Total	

The Islamia University of Bahawalpur

2 - Repairing of Ceiling and Exhaust Fans for Various Buildings (Hostels & Academic) at Abbasia & Baghdad-ul-Jadeed Campus

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No.	Description	Quantity	Rate	Unit	Amount
	<u>Civil Work (Schedule Items)</u>				
1	Rewinding of A.C ceiling fan, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc.. 1400mm (56") Sweep, 250-275 RPM	175.00 No		Each	
2	Supply and fitting of capacitor 2.2 / 2.5 uf, for ceiling fans.	175.00 No		Each	
3	Supply and fitting of ball bearing of size 6201, 6202 or 6203 for ceiling fans.	350.00 No		Each	
4	Erection of ceiling fan along with regulator (all sizes), including carriage from local Railway Station/Store to site of work, electric wire/cable for suspension rod and board connection and cutting, threading on the rod, where necessary.	175.00 No		Each	
5	Rewinding of A.C exhaust fan, including cost of wire leatheride paper, cotton tape, soldering, etc. 450 mm (18") sweep and 1300-1500 RPM	40.00 No		Each	
				Total	