



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Name of work:- Renovation of Electrical engineering department labs and faculty office in MNIT Campus ,Jaipur

G-Schedule

Name of the Firm:-

S.No	Qty	Items	Unit	Rate	Amount
1		Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc.			
		Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.			
1.1	314.02	GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.	Sqm	1163.90	365488.00
2		Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08%and conforming to IS : 15622 , of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.			
2.1	807.17	Size of Tile 600x600 mm	Sqm	1119.40	903546.00
3		Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make in all colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete.			
3.1	36.93	Size of Tile 600x600 mm	Sqm	1135.20	41923.00
4	844.10	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.	Sqm.	1.50	1266.00
5		Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :			
5.1	1117.96	Old work (one or more coats) .	Sqm	33.35	37284.00
6	1117.96	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand paping and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm	10.80	12074.00
7		Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :			
7.1	282.98	One or more coats on old work.	Sqm	51.30	14517.00
8	350.00	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	87.35	30573.00
9		Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground , all complete as per directions of Engineer-In-Charge.			
9.1	100.00	With cement mortar 1:4 (1 cement : 4 fine sand).	Sqm	264.80	26480.00
10	12.00	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	No.	176.40	2117.00
11		Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.			
11.1	1.00	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cum	997.05	997.00
12		Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge..			
12.1	39.37	In cement mortar	Cum	842.75	33179.00
13		Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:			
13.1	50.00	Float glass panes of thickness 4 mm.	Sqm	637.90	31895.00

14		40.00	Renewal of old putty of glass panes (length) .	m	25.45	1018.00
15			Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:			
15.1		12.00	Of area 3 sq. metres and below	No.	61.25	735.00
16		45.00	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	Cum	120.55	5425.00
17			Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :			
17.1		29.99	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	5801.50	173987.00
18			12 mm cement plaster of mix :			
18.1		29.99	1:6 (1 cement: 6 fine sand)	Sqm	160.35	4809.00
19			15 mm cement plaster on the rough side of single or half brick wall of mix :			
19.1		145.88	1:6 (1 cement: 6 fine sand)	Sqm	185.20	27017.00
20		277.00	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	118.70	32880.00
21			Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade.			
21.1		277.00	New work (two or more coats) over and including water thinnable priming coat with cement primer.	Sqm	93.70	25955.00
22			Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :			
22.1		40.11	Two or more coats on new work.	Sqm	78.40	3145.00
23			Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters :			
23.1		20.06	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	Sqm	1559.75	31289.00
24		20.06	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	365.85	7339.00
25			Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.			
25.1		120.00	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	Kg	74.05	8886.00
26			Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :			
26.1		8.00	250x16 mm	No.	142.05	1136.00
27			Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :			
27.1		8.00	150x10 mm	No.	44.10	353.00
			TOTAL			1825313.00
			Add COST INDEX	18.63%		340055.81
			TOTAL Estimated COST			2165368.81
			SAY			2165369.00
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Percentage "Above" or "Below" or "At par" the Estimated cost of work/schedule						
Sr.No.	Description	Estimated cost of work (in Rupees)	Rate Quoted by Contractor As		Price	
1	2	3	"Above" or "Below" or "At Par"	% in Figures	In Words	Total Cost (in Rupees)
1		2165369.00				-
TOTAL COST OF SCHEDULES:-		21,65,369.00	TOTAL QUOTED PRICE=			0.00
Grand Total (in words)						
H-Schedule						
S.No	Qty	Items	Unit	Rate	Amount	
1		Supplying and fixing stone lintels/bed plates of approved quarry rough dressed in cement mortar 1:4 :				
1.1	2	Upto 15 cm. thick.	Cum		0.00	
				TOTAL		
	Total G Schedule + H-Schedule		0.00			