



Engineering cell
Delhi Technological University
Shahbad Daulatpur, Bawana Road, Delhi-110042

File No: DTU/Engg.Cell/003355/2022-23/Electrical/

Dated: 08-08-2022

NOTICE INVITING QUOTATION

The Chief Project Officer, Engineering Cell DTU invites, on behalf of Delhi Technological University, sealed percentage rate short terms quotations from Electrical Contractors up to 3:00 PM on 10/08/2022 for the following works, which shall be opened at 3:30 PM on the same day. Schedule of work along with terms and conditions can be obtained from office of the Chief Project Officer on all working days by submitting an application along with a copy of G.S.T. No. and PAN Card up to 03:00 P.M. on 10/08/2022.

S. No.	Name of Work	Estimated Cost (Rs.)	Time Allowed	Last date of Receipt of Quotation
1.	Special Renovation and other allied Electrical work i.e. wiring, power point, lighting etc. At Store and Purchase Department at DTU main Campus, Bawana Road.	4,35,200/-	03 days	10-08-2022

TERMS & CONDITIONS:-


1. The work shall be carried out as per CPWD specifications/manufacturer's specification.
2. The rates quoted should be inclusive of all the taxes and duties & nothing extra shall be paid.
3. The quotations which are issued from the office of Chief Project Officer shall only be accepted, quotations in other forms shall be summarily rejected without assigning any reasons.
4. No T&P shall be issued to the firm by the department.
5. All necessary recoveries shall be recovered from the bill.

Enclosure: Schedule of work.


08.08.22
Project Officer Electrical
DTU Campus, Bawana Road
Delhi

Copy to:-

1. Sr. Account Officer, DTU
2. A.E. (Civil)
3. Notice Board
4. Guard File


08.08.22
Project Officer Electrical
DTU Campus, Bawana Road
Delhi

SCHEDULE OF WORK

Name of work: Special Renovation and other allied Electrical work i.e. wiring, power point, lighting etc. at Store and Purchase Department at DTU main Campus, Bawana Road.

S.No.	Description of Item	Qty.	Unit	Rate	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
a)	Group C	21	Point		
2	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel /PVC conduit including dismantling as required Group C	10	point		
3	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required				
a)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	80	mtr		
b)	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	100	mtr		
c)	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	100	mtr		
d)	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	100	mtr		
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel / PVC conduit as required				
a)	3 x 1.5 sq. mm	50	mtr		
b)	3 x 4 sq. mm	50	mtr		
c)	3 x 6 sq. mm	30	mtr		
5	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required				
a)	25 mm	25	mtr		
6	Supplying and fixing of following sizes of PVC conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.				
a)	25 mm	50	mt		
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required				
a)	5/6 amp switch	20	each		
b)	15/16 amp switch	34	each		
c)	6 pin 15/16 amp socket outlet	44	each		

PO/Electrical

8	Supplying and fixing following size/ modules. PVC box alongwith modular base & cover plate for modular switches in recess etc as reqd.				
a)	3 Module	12	each		
b)	6 Module	3	each		
c)	8 Module	10	each		
9	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	4	each		
10	Supplying and fixing following rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load offollowing poles in the existing MCB DB complete with connections, testing andcommissioning etc. as required				
a)	Single pole	16	each		
b)	32 amp DP MCB	8	each		
11	Supplying and fixing following way. single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a)	8 way, Double door	1	Each		
b)	12 way, Double door	1	Each		
12	Supplying and making indoor end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	4 X 16 sq. mm (28mm)	2	Each		
13	Dismantling of existing burnt vertical type with 100 Amp TP MCCB incomer distribution board after disconnection three phase al. cable from main feeder pillar and also dismantling burnt copper conductor wiring etc. as reqd.	1	Each		
14	Supplying, fixing, testing and commissioning of 1200mm sweep ceiling fan complete with blades, down rod, shackle insulator, canopy etc. in existing modular switches as required Make Havells/Crompton/Orient	4	Each		
15	Supplying and fixing of 36 watt LED type fitting ceiling complete comprising with Energy efficient recessed mounted LED luminaire suitable for 2x2 grid ceiling . The luminaire is offers of two colours Grey(GR) and White (WH) in combination with profiled Lumen output of 3300 lumens. Available in 4000k & 5000k color temperatures. Constant current electronic driver i/c all connections etc. as reqd. (Make Philips /C&S/Crompton)	15	each		
16	Supplying, Installation, testing and commissioning of 2 way double pole MCB box i/c making connection etc. as reqd.	4	Each		
17	Supplying and fixing of DLP plastic trunking without flexible cover and without other accessories on existing wall of following size etc. as reqd. (Make: Legrand/MK)				



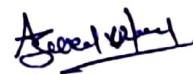
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Agreed by
JF/E

a)	32 mm x 20 mm	50	Each		
18	<p>Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main 'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size (24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening" for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all T sections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge</p>				
	<p>Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non-ombustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mK specifications, drawings and as directed by Engineer-in-Charge</p>	80	sqm		
				Total	



Project Officer/Electrical



J.E. - Electrical