



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

File No: DTU/Engg.Cell/00117/2023-24/Electrical

Dated:

**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/Mechanical Contractors up to 3:00 PM on 10/11/2023 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 10/11/2023.

S. No.	Name of Work	Estimated Cost (Rs.)	Time Allowed	Last date of Receipt of Quotation
1.	Provision of chemical earthing for existing panel and stage lighting system at Raj Soin Hall, Delhi Technological University, Bawana Road, Delhi	3,68,138/-	4 days	10-11-2023

**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 contractor should be visit at once site before submitted quotation.
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.**

  
81/11/23  
Chief Project Officer  
DTU

Copy to: -

1. Sr. Account Officer, DTU
2. DTU Website
3. Guard File

  
08.11.23  
Project Officer Electrical  
DTU

C/15

Schedule of work

Name of Work: Provision of chemical earthing for existing panel and stage lighting system at Raj Soin Hall, Delhi Technological University, Bawana Road, Delhi

Sl.No	Description of Work / Item(s)	Qty	Units	Rate	Amount	Remarks
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.	50	Point	1488	74400.00	DSR 2022
2	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
a	25 mm	230	mtrs	145	33350.00	DSR 2016
3	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	250	mtrs	144	36000.00	DSR 2016
4	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc. as required.					
a	450 mm width X 62.5 mm depth X 2.0 mm thickness	8	mtrs	1224	9792.00	DSR 2016
b	300 mm width X 62.5 mm depth X 2.0 mm thickness	15	mtrs	928	13920.00	DSR 2016
5	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size on wall surface as required.					
a	Upto 35 sq. mm	80	mtrs	37	2960.00	DSR 2016
6	Supplying and making 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 25 sq. mm	2	Each	315	630.00	DSR 2016
<b>Total A</b>					<b>171052.00</b>	
Add applicable rate of GST @18% in place of 12%(Multiplying factor 1.0633)					181879.59	
<b>Total of B</b>					<b>181879.59</b>	
Less cost index 2.73% on DSR 2022					4965.31	
<b>Total of C</b>					<b>176914.28</b>	
7	Supply and installation of advanced maintenance free Earthing System consisting of 1 Nos UL Listed CPRI tested copper bonded steel electrode of 17.0 mm dia. With a min. coating thickness of 250 microns and length of 3 meters. 50 kgs/Electrode of earth enhancing compound needs to be considered to fill the 100-125mm augured hole surrounding to the electrode. The rate shall include excavation of earth, filling with back fill compound and					
a	Heavy duty Pit cover tested for 5000Kg SWL					
b	Supply of Earth enhancing compound(OEC 2 25) tested as per IEC 62561-7					
c	Supply of UL Listed CPRI Tested 17.0 mm dia. Copper bonded steel core Electrode with Min coating thickness of copper 250 micron tested according to IEC 62561-	10	job	4983	49830.00	MR
8	Installation of 3 mtr long with help of bokky 17.0 mm dia copper steel bonded rod with 50 kg chemical for chemical earthing as per in engineer charge etc. as reqd.	10	job	1856	18560.00	MR

*(Signature)*

C114

Sl.No	Description of Work / Item(s)	Qty	Units	Rate	Amount	Remarks
9	Supplying and fixing 18 watt Energy Efficient round recessed mounted edge LED panel with die cast aluminum housing finished with powder coated finished on the height of 20 feet stage and installation is to be done with help of scaffolding etc. i/c making connection etc as required. (Crompton/Havells or in equivalent make)	50	Nos	1512	75600.00	MR
10	Supplying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade etc as required.	80	Meter	372	29760.00	MR
a)	4 x 25 sq.mm.					
11	Supplying and fixing following rating, four pole MCB, 415 V, in the existing MCB DB complete with connections, testing and commissioning etc. as required.	2	Nos	3138	6276.00	MR
a)	63 Amp FP MCB					
12	Supplying and fixing of 105 mm x 50 mm DLP plastic trunking without flexible cover and without other accessories on existing wall of following size etc. as reqd. (Make: Legrand)	7	mtrs	808	5656.00	MR
13	Supplying and fixing of DLP plastic trunking flexible cover other accessories on the existing DLP trunking size 105 mm x 50 mm etc. as reqd. (Make: Legrand)	7	mtrs	332	2324.00	MR
14	Providing and fixing of pole mounted box (300x200x105mm) size made out of (SMC) sheet moulded compound dust and whether proof (Sintex make GSJB-3020)	2	Nos	1609	3218.00	MR
	<b>Total of B</b>				191224.00	
				<b>G. Total</b>	<b>368138.28</b>	
				<b>Say</b>	<b>368138.00</b>	

CPO/DTU

PO/Electrical

A. Swamy  
JE(E)