

Punjab Engineering College, Sector-12, Chandigarh
(Deemed to be University)

No. PEC/UE/2021/ 4244-48

Dated: 10.3.21

Notice Inviting Quotations

Sealed Quotation are hereby invited on behalf of Director, Punjab Engineering College, Sector-12, Chandigarh on percentage rate basis for the following work and will be opened in the office of the undersigned on dated 12.03.2021 at 4:00 P.M. The quotations will be received on or before 12.03.2021 upto 3:00 P.M.

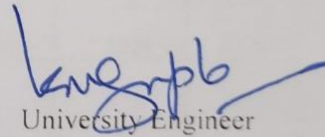
Name of Work: Providing Cable Connection to Machine of Metallurgical and Material Engineering Department at PEC Sector-12, Chandigarh.

Schedule of Work

Sr. No.	Description of item	Unit	Qty	Rate	Amount in Rs.
	As per schedule attached				85765/-

Terms & Conditions:

1. The work shall be carried out as per CPWD specification and as per direction of the Engineer-in-charge.
2. **Copy of PAN & GST No. must be attached with the quotation**
3. No T&P shall be issued to the agency.
4. Necessary recoveries such as Income Tax, GST, labour Cess etc. applicable shall be made from the bill.
5. Time allowed 30 days.
6. Nothing extra shall be paid on any other account.


University Engineer

Endst. No. 4244-48

Dated 10.3.21

Copy of the above is forwarded to the following:

1. Dean Infrastructure Planning & Estate
2. Estate Officer
3. ACF&A
4. Head, Computer Centre, with a request to upload on the Institute website
5. Notice Board

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University Engineer

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DNIT

**Providing cable connection to machines of Metallurgical and Material Engineering Department at
PEC, Sector-12, Chandigarh.**

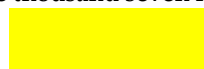
Time Period- 1 month

SLNo	Description	Qty	Unit	Rate	Amount
1	WIRING				
1.1	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
1.1.1	4 x 6 sq. mm	20	Metre	209.00	4180.00
1.2	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.				
1.2.1	32 mm	10	Metre	73.00	730.00
2	MCCB, MCB & DB'S				
2.1	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
2.1.1	100 A,30KA,FPMCCB	4	Each	7382.00	29528.00
2.2	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	1	each	804.00	804.00
3	EARTHING				
3.1	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	2	Each	4804.00	9608.00
3.2	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	15	Metre	174.00	2610.00
3.3	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	100	Metre	29.00	2900.00
4	Supply and laying of 4*16 mmsq aluminium conductor armoured cable loose in existing trench or on wall recessed in wall jhiris and repairing the wall jhiris with proper plaster as per original	65	Metre	182.71	11876.15
	Supply and laying of 3 1/2 * 25mmsq aluminium conductor armoured cable loose in existing trench or on wall recessed in wall jhiris and repairing the wall jhiris with proper plaster as per original	45	Each	223.00	10035.00

5	Fabrication supply and erection of cubical box for MCCB 100 Amp 4 pole fixed on wall in the fastner. The cubical box shall be spray painted bounle coat after one primer coat and it should have front openable door. Size 18"*10"*5" deep	4	each	1794.00	7176.00
6	Supply and Erection of Brass compressor gland 28mm (4*16)mmsq	8	each	100.00	800.00
7	Supply and erection of GI flexible pipe size 32mm dia	10	Meter	80.00	800.00
8	Supply and erection of aluminum lugs for 16sq mm cable	40	Each	9.00	360.00
9	Fabrication supply and erection of MS sheet 16G junction Box size 6"*6"*3 1/2" box to be double coat paint after one coat primer. Front shall be covered with bakelite sheet wirh screws, center hole 32mm dia shall be made in the bakelite sheet	4	Each	192.00	768.00
10	Supply,installation,testing and commissioning of 20 watt LED batten tube light made of CRCA sheet 4' long box type fitting to be installed on exisiting surface with roll plug and screw. Make of Tube Philips, Wipro, Trilux Total Lumens- Min 1800 lumens, extruded aluminium heat sink with polycarbonate diffuser. operating voltage 140V to 270 V AC supply or better, 50 HZ, PF min 0.95, driver constant curent output, surge protection min 5 Kv, Gurantee min One year, or as specified by maufacturer. LED should be any one out of the following. Philips Batten 20 W Aluminium body BN021 Wipro LL 20-281 XXX-65 AL Trilux T smart linea F OTA 2200-857 ET	5	Each	718.00	3590.00
	Total				85765.15

Rupees Eighty Five thousand seven hundred sixty five only

Rate to be quoted by the contractor



% Below/ Above

Conditions Electrical

- 1 The work shall be carried out according to CPWD General Specifications.
- 2 The work shall be completed to the entire satisfaction of the Engineer-in-charge.
- 3 The firm will have to follow fair wage clause.
- 4 The work shall have to be completed side by side with building work.
- 5 Sub-standard work will not be accepted.
- 6 No claim on account of fluctuation in prices due to any reason shall be considered.
- 7 The quantity can be increased or decreased as per actual requirement at site.
- 8 No premium will be allowed on M.R. Items, abatement, if any shall be applicable on all items including market rates.
- 9 The contractor has to employ qualified Engineer for the supervision of work at site.
- 10 Any error or omission in nomenclature or unit can be corrected at any stage.
- 11 The quality of material shall be strictly in accordance with the specification given in DNIT.
- 12 All the material shall be inspected by the Engineer-in-charge before installation at site.
- 13 The boards & M.S. boxes should be painted with 2 coats of superior quality paint after one coat of primer.
- 14 Separate colour of wires shall be used for phase and neutral so as the distinguish it for live conductor.

- 15 All the cables connections should be done through lugs/thimbles duly crimped with proper crimping tools & no extra payment shall be made on this account.
- 16 The department has reserve the right to issue any amendment to the work order as emergency demands or allow of altogether cancel the contract without assigning any reason. The Deptt. Reserves the right to delete any item.
- 17 Discount offered by the firm should also be considered in additional/ extra DSR/ MR Items, if the rate quoted are lesser than the DNIT amount.
- 18 Security @ 5% shall be deducted on the work done amount of each running/ Final bill of the firm as per CPWD manual 2014 which shall be refunded after one year from the date of completion if no defects are found in the work.
- 19 The firm shall ensure, the availability a licensed electrician/ supervisor/ qualified Engineer during the erection, testing and commissioning.
- 20 The contractor shall be responsible for having got ensured all risk comprehensive Insurance for men valid up to the completion of the work, right from the initial stage and handing over to the department.
- 21 The firm shall quote the rates inclusive all the taxes/ GST whatever required and no extra payment shall be made in this respect.
- 22 The work of S/E material except LED fittings shall be guaranteed for a period of one year and lamp for six months for any manufacturing defect from dated of commissioning including labour charges, inspection at site. No extra payment shall be made on this account.
- 23 The LED fittings including their drivers/ rods shall be guaranteed for a period of one years for free replacement from the date of completion of work/ taking over the department.
- 24 The following dismantled material will be the property of the contractor. The recovery of the dismantled material shall be made from the minimum rated mentioned against each. The job also includes the cost of dismantling the same.

i	Old tube light fittings	nos	5 @	100/-	each
25	The approved makes are as under				
	A Piano type accessories	Anchor Penta/ Havells Reo/ Gold Medal Essenza			
	B Modular type accessories/sheets/boxes	Legrand (Arteor)/Schneider (Zencelo)/Crabtree (Murano)/ L&T (Englaze/ MK(Elements)/ABB (Cheiron)/ Gold Medal(GIFA)			
	C PVC batten/Conduit pipe (ISI marked)	Polycab/Diplast/ AKG/ Polyplast			
	D PVC copper wires FRLS (ISI Marked)	Polycab/L&T/Havells/ Finolex/R.R. Kables			
	E MCB's/RCCB's/ELCB's	L&T (Exora)/ Legrand (DX3)/ Hager (H3)/ /Schneider (Acti-9)/ ABB (SH200M)/ Siemens (Betagard)/Havells			
	F BDB's/ A.C. Plug. Socket	L&T /Legrand/Hager//Schneider/Siemens/AB R			
	G GI Pipe ISI Marked	Jindal Hissar/ Tata			

University Engineer
Punjab Engineering College,
Sector-12, Chandigarh