

**ESTATE (E & M) WORKS SECTION
INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR**

Notice Inviting Quotation

Quotation No: - IIT/E/E&M/2018-19/Qtn/46

Date:- 31.10.2018

Sealed quotations on item rate basis are invited by Sr. EE (EW) from limited enlisted and approved Electrical contractors of IIT Kharagpur /CPWD/MES/WBPWD/Kharagpur municipality and Other bonafide contractors having valid GST, PAN, Updated trade license and updated Electrical contractor license work completion report and make list in the given format for below mentioned work. The approximate cost of the work Rs. 91,425.00/-(Rupees Ninety One Thousand Four Hundred Twenty Five only)

NAME OF THE WORK : Electrical works in RELAY Laboratory (Including Computer points, Three ph power, DC power supply connection, AC power connection) in Electrical Engineering Department at IIT Kharagpur.

ISSUE OF QUOTATION : - FROM 31.10.2018 to 14.11.2018

LAST DATE OF SUBMISSION : 14.11.2018 UPTO 3:30 PM

TENDER OPENING DATE : 14.11.2018 TIME: 4:30 PM

Sr. Executive Engineer (EW)

Copy to :

- 1) Prof. in-Charge (Electrical Works)
- 2) Prof. in -Charge (IIC) :-
- 3) Registrar, I.I.T Kharagpur.
- 4) Chief Engineer
- 5) Superintending Engineer (Elect.)
- 6) Sr. Executive Engineer (Civil)
- 7) Sr. Executive Engineer (E&M)
- 8) Dy. Registrar (F &A)
- 9) Dy. Registrar (S&P)
- 10) Notice Board, EPDS.
- 11) Notice Board, Estate (E &M) Head office, Old Building
- 12) Office file.

TENDER NOTICE

Sealed quotations on item rate basis are invited by Sr. EE (EW) from limited enlisted and approved Electrical contractors of IIT Kharagpur /CPWD/MES/WBPWD/Kharagpur municipality and Other bonafide contractors having valid GST, PAN, Updated trade License . The approximate cost of the work is Rs. Rs. **91,425/-**-(Rupees Ninety One Thousand Four Hundred Twenty Five only)

The work to be completed within **30 (Thirty) days** from the date of acceptance of work order placed by IIT Kharagpur

1. The Bidders are required to complete quotation, quote rate as per the schedule of quantities and sign on each page of tender documents before submission. The quotation will not be accepted other than our format. The completed set is to be enclosed in a sealed envelope addressed to:

**Sr.Executive Engineer (EW).
Indian Institute of
Technology,Kharagpur
Kharagpur -721302 (WB)**

Tenders will be received up to 3.30 PM on 14.11.2018 with all necessary documents i.e. GST,PAN, Electrical contractor license and updated Trade licence work completion report and make list in the given format in the office of Estate (E & M), Old Building, IIT Kharagpur.

Agency has to submit the self-attested copy of the documents .Without these documents tender will not be accepted.

2. No tender will be received after the expiry of the date/ time notified for receiving tenders under any circumstances whatsoever.
3. The tender will be opened at 4.30 PM on **14.11.2018** at above address in the presence of authorized representative of Bidder and Tender opening committee of IIT Kharagpur
4. Tender shall remain valid for acceptance for a period of 120 days from the notified last date of tender submission.
5. The price should be for the complete finished item of work and include all labour charges, material, taxes, overhead, duties, cess etc.
6. Each tender shall be accompanied by **Earnest Money of ₹ 1830/- (Rupees One Thousand Eight Hundred Thirty only) in the form of Demand Draft in favour of, IIT Kharagpur, payable at Kharagpur or by RTGS or NEFT to Institute A/c (Grant Savings 10224336884-SB, IFSC Code SBIN000202).Tenders without Earnest Money shall be summarily rejected.**
7. The earnest money deposited shall not carry any interest and will be refunded to the unsuccessful tenderers. Earnest money paid by the successful contractor will be retained by the IIT Kharagpur as a part of security deposit.
8. Institute will deduct a sum at the rate of 10% of the gross amount of each

running bill of the Contractor till the sum along with the sum already deposited as earnest money, will amount to security deposit of 10 % of the bid value of the work. Security deposit will be refunded to bidder after successful completion of warranty period of **Six months**.

9. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.
10. The Institute reserves the right to reject any or all prospective applicants without assigning any reason. If any information furnished by the applicant is found incorrect at a later stage, he shall be debarred from tendering and taking up of any work in IIT Kharagpur.
11. The quantities given in BOQ against each items may vary i.e. increase or decrease as per site requirement, but rate will be firmed.
12. This tender notice shall form part of the contract documents.
13. Penalty will be imposed against delay of work as per the Institute rule.
14. The agency is fully responsible for the safety of working personnel and has to follow all government safety rules.
15. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub soil, laying route, the form and nature of site, the means to access the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risk, contingencies and other circumstances which may influence or affect their tender. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost of materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the bid documents. Submission of tender by a tenderer implies that he has read this notice and all other tender documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having bearing on the execution of the work.
16. All the Govt. labour rules, regulations and latest Indian Electricity Rule are followed by the contractor while executing the Electrical work.
17. All statutory deduction will be deducted as per government rules.

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
Office of the Executive Engineer (Electrical)
Electric Power Distribution Section

Name of the Work: Electrical works in RELAY Laboratory (Including Computer points, Three ph power, DC power supply connection, AC power connection) in Electrical Engineering Department at IIT Kharagpur.

Sl. No.	Description	Unit	Qty.	Rate (₹)	Amount (₹)
1	Wiring for light point / fan point / call bell point / exhaust fan 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 size GI box and earthing the point with 1.5 sq mm FRLS PVC insulated copper conductor single core cable etc as required .Make - Wire:-Finolex/RR Kabel/Havells.Pipe:-Prestoplast/Precision / AKG/Polycab				
a)	Upto 6 metres.	Point	3		
b)	Above 6 metres .	Point	1		
2	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor , single core cable in surface / recessed medium class PVC conduit as required .Make-Wire:- Finolex/Havells/RR Kabel/Polycab.Pipe:- Presto plast/Precision / AKG/ Polycab				
a)	2 X 2.5 sq mm +1 X 2.5 sq mm for E.C.C	Mtr.	46		
b)	2 X 4 sq mm +1 X 4 sq mm for E.C.C	Mtr.	199		
3	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.Make-Pipe-Presto plast/Precision /AKG/ Polycab				
a)	20 mm	Mtr.	10		
b)	25 mm	Mtr.	10		
c)	40 mm	Mtr.	10		
4	Supplying and fixing following sizes / modules ,GI box along with modular base & cover plate for modular switches in recess etc as required .Make- Crabtree Vcrona/Wipro Nova/Legrand Myrius range/MK Wraparound plus.				
a)	6 Module	Each	22		
5	Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc as required .Make- Crabtree Vacrona/Wipro Nova/Legrand Myrius range/ MK Wraparound plus.				
a)	5 /6 amps switch	Each	22		
b)	15 /16 amps switch	Each	22		
c)	3 pin 5 /6 amps socket outlet	Each	22		
d)	6 pin 15 / 16 amps socket outlet	Each	22		

6	Supplying and fixing TPN sheet steel Enclosure on surface/recess along with 32 Amp,415 V "C" curve TPN MCB complete with connection, testing and commissioning etc.as required.Make-Legrand/Hager/L&T.	Each	9		
7	Supplying and fixing DP sheet steel Enclosure on surface/recess along with 32 Amp,415 V "C" curve DP MCB complete with connection, testing and commissioning etc.as required. Make-Legrand/Hager/L&T.	Each	7		
8	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) Make-Legrand/Hager/L&T.				
a)	12 way Double door	Each	1		
9	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make-Legrand/Hager/L&T.				
a)	Single pole	Each	5		
b)	Double Pole	Each	1		
10	Supplying and fixing 40 A to 63A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make-Legrand/Hager/L&T.				
a)	Double Pole	Each	2		
b)	Four pole	Each	4		
11	Supplying and fixing 100 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make-Legrand/Hager/L&T.				
a)	Four pole	Each	1		
12	Supplying & Fixing of 18 to 20 watt LED Tube with batten,6000K,100 Lumen/Watt with Two years replacement warrenty.cat 6000k/80/2000./ Make- Havells/Phillips/Bajaj/ Wipro.	Each	4		
13	Fixing only 240V SPN/415V TPN Sheet Steel Main Switch or DP/TP/FP sheet steel enclosure or SP/TP Industrial Plug,Socket directly on surface / recessed /on flat iron legs on wall along with required DP/TP/FP MCB including necessary connection, testing as required. (Enclosure/Main switch / Industrial Socket : Department supply).	Each	2		
			Total		

Total in words inclusive GST:
(Please mention applicable GST %)

N.B:1) All materials to be used after prior approval of Engineer in charge.

2) All LED Light Fittings should be numbered with permanent marker before installation for 02 (two) years warranty with free of cost at site.

Make list format

Name of the Work :

Sl. No.	Description of items	Approved makes proposed by the contractor	Makes approved by the Department
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			

Signature of E (EW)

Signature of Sr.E.E.(EW)

Signature of S.E (E&M)