



INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY

Shibpur, P.O. Botanic Garden (Formerly Bengal Engineering and Science University)

HOWRAH (West Bengal, India)-711103

Phone: 033 26684561

Notice Inviting Tender

Tender No: **28/DY.REG/21-22**

Date: **22.12.2021**

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for **building electrification works for Patch repairing electrical work at faculty sitting room of Civil Engineering Department, B-172 Quarter, sitting room of Security Officer and University Canteen of IEST, Shibpur, Howrah-711103.** The quotation will be received in the drop box.

Important Information	
Drop Box at	Office of Deputy Registrar, Stores and Purchase
Start date of tender Submission	22.12.2021
Time	Between 11:00 am and 5:00 pm (on all working days)
Last date of tender submission	31.12.2021 at 02:00 pm
Tender Opening date	To be notified later via mail/phone/SMS by the office of the Superintending Engineer.
Tender Opening place	

REGISTRAR

Terms & Conditions:-

1. To qualify for award of the contract the bidder should have valid electrical license for building electrification works and should have satisfactory completed three similar completed works costing not less than the amount equal to Rs 45,000.00. Or b. Two similar completed works costing not less than the amount equal to Rs 55,000.00 Or c. One similar completed work costing not less than 85,000.00
2. Quotation are to be submitted as per above mentioned format.
3. All rates quoted should be inclusive of all taxes, levies & duties and Labor Welfare Cess, The rates should be quoted both in figures and words. Request for inclusion of any tax/levy at later stage will not be entertained.
4. Transportation, Packing, Forwarding and Insurance Charges if any to be charged should be specifically indicated.
5. The Institute reserves the right to accept or reject all or any of the tenders without assigning any reason whatsoever. The decision of the Institute shall be final in case of any dispute.
6. The work should be completed within 15 days of issuing of order.
7. Materials & accessories supplied/used should be as per specification and of Approved Quality (B.I.S.) or by the authorised officer of IEST, Shibpur.
8. The work should be completed within stipulated period as indicated in the work-order. A Liquidated damages @ 0.5% per week, subject to maximum of 10% of the value of work-order, beyond which the Employer may cancel the Contract.
9. Bills in Triplicate should be presented for payment within 15days of supply/completion of work.
10. The Order no. is to be noted on both challan & Bill.
11. All bills are to be accompanied by order copies and challans as received.
12. Payment will be made within 60 days of Submission of proper bills, challans etc. by A/c payee cheque, no Cash payment will be made under any circumstances.
13. Date of submission of quotation is **31.12.2021 up to 2:00 pm at the Office of the Deputy Registrar, Stores & Purchase.**
14. **Date & place for opening of the tender will be notified later by the office of the Superintending Engineer.**

D. Chakraborty
Assistant Registrar
Stores and purchase

Copy forwarded for information and necessary action to:

1. Institute Website
2. All Notice Board
3. Suptd. Engineer, IEST, Shibpur

Name of Tender: - Patch repairing electrical work at faculty sitting room of Civil Engineering Department, B-172 Quarter, sitting room of Security Officer and University Canteen of IEST, Shibpur, Howrah-711103

1. Name of the Firm :
(in Block Letter)
2. Office Address :
3. Phone No. :
4. Whether Partnership / Proprietorship Firm :
5. Name of Partner(s) / Proprietor(s) :
6. PAN No. :
7. Trade License No. :
8. Electrical License :
9. **GST No.** :
10. Quoted rate:
(Use separate sheet, if required) :

Bill of quantities for the work of: Patch repairing electrical work at faculty sitting room of Civil Engineering Department, B-172 Quarter, sitting room of Security Officer and University Canteen of IEST, Shibpur, Howrah-711103.

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	S&F (2+14) way SPNMCBDB with double door in SS enclosure in concealed in wall with 63A DP MCB Isolator, and 6-32 A SP MCB 14 nos as reqd as to GS (Make Legrand Cat No- 6077-12)	Set	1		
2	Supplying and fixing double door 8-Way, Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. a. Incoming 63 A, 415 V TPN MCB (Legrand) of Breaking capacity 10kA. b. outgoing feeder (6-32) Amps SP MCB (Legrand) of Breaking capacity 10 KA & C characteristics- 24 nos.	Each	1		
3	Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/ call bell points with Piano Key type switch fixed on MS CRC sheet metal (16 SWG) switch board cum JB on wall complete with 2 no. suitable size "Ph & N" copper bar incl. bakelite/Perspex (wall matching color) top cover 3 mm thick and incl. 175mmx100mmx65mm inspection box, making earthing attachment, painting the MS box and mending good the damages to original finish. (Average run 11 mtr)	Points	7		
4	On Board Plug.	Points	1		
5	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire of 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.	R.M	120		
6	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire of 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.	R.M	80		
7	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire of 2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.	R.M	20		
8	Supplying & Fixing CRC sheet metal (16 SWG) JB-cum- Switch Board of the following sizes complete with three no. suitable size Copper bar with holes (for Ph, N & E) fixed on bakelite/Hard Rubber insulator over the MS welded chairs incl. bakelite/Perspex/coloured Perspex (wall matching colour) top cover 3 mm thick flushed in wall for housing the board after cutting the brick wall incl. making earthing attachment, painting and mending good damages to building works for 150 mm x 100 mm x 65 mm	Each	3		
9	Supply & Fixing Socket type fan regulator (Step type) (Brand approved by EIC) on existing sheet metal switch board with bakelite/perspex top cover by screw after making housing for regulator knob by cutting bakelite/ perspex top cover incl. making necy. connections etc.	Each	3		
10	Supply & Fixing 240 V, 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Piano key type switch with indicator & 16A kit-kat flush type fuse (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 240 x200 x65mm MS (16SWG) switch board and bakelite /perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite /perspex cover and making necessary connections as required.	Each	4		
11	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.				
11 (a)	2.5sqmm cu wire.	Nos	20		
11 (b)	4 sqmm cu wire.	Nos	22		
11 (c)	6 sqmm cu wire.	Nos	4		
12	Supply & Fixing 240 V, 6A, plug socket with separate 6 A Piano key type switch (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite/ perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required.	Each	8		
13	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire.	Each	3		
14	Supply and fixing mass LED TUBE 18 W, 2100 lumens Make Philips Cat (No-MAS LED TUBE 18W 2100 lm 865T8).	Set	8		
15	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug socket (Brand approved by EIC), without plug top and switch with 2 Module GI Modular type switch board with top cover plate flushed in wall and making necy. connections with PVC Cu wire and earth continuity wire etc.	Each	4		
16	Supply & Fixing 240 V, 25 A, Modular type starter (Brand approved by EIC) with 25A Modular switch type DP MCB (CCurve) and 4 Module GI Modular type switch board with 4 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	Each	4		
17	Dismantling the existing defective wiring, fittings of Faculty sitting room of Civil Engineering Department.	Job	1		
18	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of 30 cm (12")	Each	2		
19	Fixing only louver shutter/cowl on wall with necy. bolts & nuts (6 mm dia x 62 mm long) for 30 cm (12") Exhaust fan	Each	2		
20	Supply only of heavy duty 1420 rpm 300 mm sweep Exhaust Fan. EPC make Heavy Duty.	Nos	2		
21	Supply and fixing of 450 mm sweep wall mounting A.C Fan (Make Orient Cat No- 450 mm	Nos	1		

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
22	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. PVC clips, fittings etc. to light/fan/call bell point with piano key type switch (Anchor make) fixed on sheet steel fabricated switch board with Perspex/bakelite top cover on wall incl. necy. connections and making earthing attachment and mending good damages to building works. [PVC casing-capping and Switch board both on surface] (Average run 5 mtr)	Points	2		
23	Supply & Fixing bakelite / perspex top cover on existing switch board by Brass screws after making housing for switch by cutting bakelite / perspex cover and making necessary connections as required.(200mm x 150mm x 65 mm)	Each	2		
24	Supply and fixing of 450 mm sweep wall mounting A.C Fan (Make Orient Cat No- 450 mm Tomado Wall II)	Nos.	2		
TOTAL (In Rs)					

To
Assistant Registrar
Stores and Purchase
IIEST'S, Howrah-711103

I/WE agree to execute the work in accordance to requirement at the above quoted items rates for a total price of Rs _____ (Rupees)

Authorized Signature: _____ Dated: _____

Address:

Name & Title of Signatory:

Name of the bidder and Seal:

Notes: 1) Quantities mentioned in the B.O.Q are as per estimate. Actual quantities may vary according to the requirement at site; payment will be made on pro-rata basis on actual executed quantity.

2) The bidder is advised to visit the site of work at his own expense and obtain all information that may be necessary for preparing the quotation. The Bidder enclosed attested copy of Trade License/GST No/Pan Card/ P Tax certificate and completion certificate of similar work and other document etc with the application.