

**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: **02/DY.REG/21-22**

Date: **12.05.2021**

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for Patch repairing electrical work at Machine Lab of Electrical Engineering Department, faculty chamber different offices, quarters of IEST, Shibpur, Howrah-711103.

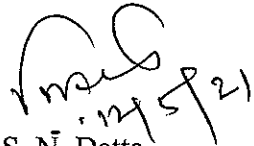
The quotation will be received in the drop box.

<b>Important Information</b>	
Drop Box at	Office of Deputy Registrar, Stores and Purchase
Start date of tender Submission	13.05.2021
Time	Between 11:00 am and 5:00 pm (on all working days)
Last date of tender submission	26.05.2021 at 02:00 pm
Tender Opening date	27.05.2021 at 01:30 pm
Tender Opening place	Office of the Superintendent Engineer

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 at least one similar work of value not less than Rs 1,30,000.00
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 **26.05.2021 up to 2:00 pm at the Office of the Deputy Registrar, Stores & Purchase.**
14. **Opening on 27.05.2021 at 1.30 pm at the office of the Superintendent Engineer.**

  
S. N. Datta  
Deputy Registrar  
Stores and purchase

Copy forwarded for information and necessary action to:

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

*Indian Institute of Engineering Science and Technology, Shibpur*  
Howrah-711 103

**Name of Tender: - Patch repairing electrical work at Machine Lab of Electrical Engineering Department, faculty chamber different offices, quarters of IEST, Shibpur, Howrah-71110.**

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 Machine Lab of Electrical Engineering Department, faculty chamber different offices, quarters 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 conlead in wall with 63A DP MCB Isolator, and 6-32 A SP MCB 14 nos as reqd as to GS (Make I egrand Cat No- 6077-17)	Set	1		
2	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required of 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC.	R.M	240		
3	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug socket with 20/25A Modular switch (Brand approved by EIC) type SP MCB (C-Curve) 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	8		
4	Supplying & Fixing iron beam fan clamp of two piece type, as per approved specification, fabricated from 40 mm x 9 mm MS sheet flat suitable for beam having flange upto 150 mm wide – (As per Drawing no. 476 of PWD Specification Book – May 1991)	Each	1		
5	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 12 mtr)	Point	1		
6	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	1		
7	Supplying and fixing extra conduit down rod of 20 cm length G.I pipe 15 mm dia, heavy gauge including painting etc. As required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	6		
8	Supplying and fixing 240 V, 32 A MCB Isolator on din rail of existing DBs and necessary connection.	Each	1		
9	Supplying and fixing MCB SS enclosure with IP-20/30 protection, powder coated provision for two MCB, Concealed in wall after cutting the wall & mending good the damages to original finish incl. painting, connection & provision for earthing attachment	Each	1		
10	Laying of one No. cable upto 35 sqmm in underground trench 460 mm wide x 760 mm average depth, with brick protection on the top of the cable with 8 (eight) Nos. bricks per metre, including filling the space between the brick & cable and also the trench with shifted soil, leveling up and restoring surface duly rammed	R.M	50		
11	Laying of cable upto 3/4 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting	R.M	150		
12	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables for 2 core 10 sq mm.	Each	10		
13	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials for 2 core 10 sqmm cable	Set	10		
14	Supply only 1.1 KV grade 2 core 10 sq mm AI Armoured Cable.	R.M	110		
15	Supplying & fixing medium gauge GI Pipe ( ISI-Medium) of 25 mm dia Protection with necessary fittings and jointing materials as required.	R.M	5		
16	Finishing of the PVC insulated wire ends of 2.5sqmm by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes	Set	50		
17	Finishing of the PVC insulated wire ends of 4 sqmm by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes	Set	60		
18	Cutting Channel of size (43 mm x 43 mm) on masonry wall by Electric operated cutting machine incl. supplying & fixing heavy gauge 25 mm, 3 mm thick Polythene pipe by means of anchoring chemical (Hilti/Sika) and GI 'U' hooks of 8 SWG incl. supplying and drawing 18 SWG GI wire as Fish wire and mending good damages to original finish by using own tools and tackles .25 mm dia 3 mm thick polythene pipe without earth continuity wire.	R.M	200		
19	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of 2x56/0.3 (4 sqmm) + 1x36/0.3 (2.5 sqmm) as ECC in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required	R.M	200		
20	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	8		
21	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	8		
22	Supply and fixing only 20/25A plug top for A.C.Machine(North West) with indicator.	Each	8		
23	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	200		
24	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	10		

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
25	Supply & Fixing 240 V, 20A, plug socket with separate 20 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	10		
26	Supplying & Fixing CRC sheet metal (16 SWG) JB-cum-Switch Board of the 175 mm x 100 mm x 65 mm complete with three no.suitable size Copper bar with holes (for Ph, N & E) fixed onbakelite/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 aftercutting the brick wall incl. making earthing attachment, painting and mending good damages to building works	Each	2		
27	Supplying and fixing 240, 6-32 A MCB (Legrand) of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection	Each	5		
				<b>TOTAL (In Rs)</b>	

To  
Deputy 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.*