

# 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 26681503, 033 26684561

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Tender No:- 08/DY.REG./20-21

Date:-28.09.2020

## Notice Inviting Tender

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for Renovation of Electrical Installation work of Quarter No D-185 in the campus of IEST, Shibpur, Howrah-711103.

The quotation will be received in the Drop Box at the Office of the Registrar (Stores & Purchase section) between 11.00 a.m and 5.00 p.m on all working days latest by 09.10.2020 up to 2 p.m. Opening at the Office of the University Engineer on 12.10.2020 at 1.30 p.m.

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 completed satisfactorily at least one similar work of value not less than Rs 50,000.00
2. Quotation is to be submitted as per attached format given below.
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 the 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 specifications and of Approved Quality (B.I.S.) or by the authorized officer of I.I.E.S.T, 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 2% of the value of work-order, beyond which the Employer may cancel the Contract.
9. Bills in Triplicate should be presented for payment within 15 days of supplying/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 /NEFT. no Cash payment will be made under any circumstances.

Dy. Registrar  
(Store &Purchase)  
IEST, Shibpur

Copy forwarded for information and necessary action to:

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

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

**Name of Tender: - Renovation of Electrical Installation work of Quarter No D-185 in the campus 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: Renovation of Electrical Installation work of Quarter No D-185 in the campus of IEST, Shibpur, Howrah-711103.**

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	S&F (2+12) 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 Legrand Cat No- 6077-12)	Set	1		
2	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) partly in 20mm size PVC rigid conduit 'FR' (Precision make) [for ceiling portion only] and in 19mm bore, 3mm thick polythene pipe [for horizontal & vertical run embedded in wall], 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 on wall complete with 2 no. "Ph & N" copper bar incl. bakelite/ Perspex top cover 3 mm thick and incl. 175x100x65mm inspection box, making earthing attachment, painting the MS box and mending good damages to original finish [only PVC Rigid Conduit on ceiling and remaining portion concealed] Average Run 8 Mtr.	Points	19		
3	On Board Plug.	Points	3		
4	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	25		
5	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	2		
6	Supplying and Laying of 2 x 1.5 sq mm + 1x2.5 sq mm cu wire through 19 mm bore polythene pipe conlead in wall asto GS (Comp).	R.M	30		
7	Supplying and Laying of 2 x2.5 sq mm + 1x2.5 sq mm cu wire through 19 mm bore polythene pipe conlead in wall asto GS (Comp).	R.M	110		
8	Supplying and Laying of 2 x 4 sq mm + 1x2.5 sq mm cu wire through 25 mm bore polythene pipe conlead in wall asto GS (A.C).	R.M	25		
9	Supplying and Laying of 2 x 6 sq mm + 1x 4 sq mm cu wire through 25 mm bore polythene pipe conlead in walla sto GS (Industrial Socket).	R.M	4		
10	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.				
10a	2.5sqmm cu wire.	Nos	30		
10b	4 sqmm cu wire.	Nos	10		
10c	6 sqmm cu wire.	Nos	4		
11	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.	Sets	3		
12	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.	Sets	3		
13	Supply and fixing 22 W LED tube light fittings with Lamp (Philips Cat No- TMC 501 P 1XT-LED 22W P3241)	Set	5		
14	Supply and fixing of 1200 mm sweep A.C 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.(Orient PSPO summer cool)	Each	3		
15	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	1		
16	Supply & Fixing 240 V, 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board incl. S & F 100x100x65mm 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 (for Gyser power board in bathroom wall)	Each	1		
17	Supply & Fixing 240 V, 20 A plug socket (Brand approved by EIC), without plug top and switch, incl. S & F 100x100x65mm MS (16SWG) switch board sheet metal switch board with bakelite/perspex top cover by screws after making housing for combined plug switch by cutting bakelite/perspex top cover and making necy. connections with PVC wire and earth continuity wire etc.(for Gyser switch board on front of door)	Each	1		
S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)

18	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	1		
19	Supply & Fixing 240 V, 25 A, Modular type starter (Brand approved by EIC) with 25A Modular switch type DP 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	1		
20	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		
21	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		
22	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		
23	Supply only of heavy duty 1420 rpm 300 mm sweep Exhaust Fan.	Nos	2		
24	Supply and fixing of 250Volt Din dong bell as to GS.	Nos	1		
25	Supply and fixing of compression type cable gland complete with finishing the end for 2 core 10 sq mm al/A cable.	Set	2		
26	Dismantling the existing defective wiring, separating with good portion with technician and store the materials.	Job	1		
<b>TOTAL (In Rs)</b>					

To  
Deputy Registrar  
Store 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.