

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 Fax: 033 26682916

Tender No:-04/DY.REG./19-20

Date:-24.05.2019

Notice Inviting Tender

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for Renovation of electrical work for A.C power line, Shifting of Main Power Distribution Board, Point wiring at 1st floor for extra fan and light of Lecture Hall Complex (Old ITI Building) of IEST, Shibpur, Howrah-711103. The quotation will be received in the drop box at the Office of the Registrar, Purchase Section between 11.00 a.m and 5.00 p.m on all working days latest by 03.06.2019. Opening on 04.06.2019 at 1.30 p.m.at the Office of the university 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 1,25,000.00
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 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 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. Last date of submission of quotation is **03.06.2019 upto 5.00 p.m at the Office of the Registrar, Purchase Section.**
14. **Opening on 04.06.2019 at 1.30 pm at the office of the University Engineer.**

Deputy Registrar
Store and purchase
IEST,Shibpur.

Copy To: 1.To be displayed on the Institute Website
2. All Notice Board
3. Office of the University Engineer

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

Name of Tender: Renovation of electrical work for A.C power line, Shifting of Main Power Distribution Board, Point wiring at 1st floor for extra fan and light of Lecture Hall Complex (Old ITI Building) 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 Licence No. :
8. Electrical Licence :
9. **GST No.** :
10. Quoted rate:
(Use separate sheet, if required)

Bill of quantities for the work of: Renovation of electrical work for A.C power line, Shifting of Main Power Distribution Board, Point wiring at 1st floor for extra fan and light of Lecture Hall Complex (Old ITI Building) of IEST, Shibpur, Howrah-711103.

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	Supplying and fixing double door Vertical TPN MCB Distribution board 8 way (Legrand) for MCCB incomer with IP-42/43 protection, on angle iron frame on 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. Incommer 160 A, 415 V Four Pole MCCB (Legrand) of Breaking capacity 25kA /35kA with fixed thermal and fixed magnetic / adjustable thermal and fixed magnetic setting. b. Outgoing feeder 63 Amps 415 V,TP MCB (Legrand) of Breaking capacity 10 KA & C characteristics- 8 nos.	Each	1		
2	Supplying and fixing double door sheet steel (16SWG), powder coated cable end box for TPN 8 way vertical enclosure with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish with nuts bolts etc incl. provision for earthing attachment.	Each	2		
3	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 4 core 70 sq mm .	Each	1		
4	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 4 core 50 sq mm .	Each	1		
5	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 4 core 25 sq mm	Each	4		
6	Finishing the end of 4 core 25 sqmm cable XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials :	Set	4		
7	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 8 mtr)	Points.	4		
8	Supplying & Fixing MS fan clam of two piece type for RC ceiling as per approved specification, fabricated from 40 mm x 9 mm MS flat including making good damages to building roof with satisfactory finishing and painting – (As per Drawing no. 475 of PWD Specification Book – May 1991)	Each	4		
9	Fixing only ceiling fan complete with blades, canopy, fork, rubberbush 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	4		
10	S/F of fan down rod 14 SWG in 20 mm incl S/F 2X 1.5 sq mm PVC Wire & down rod painting etc as reqd.	RM	4		
11	Fixing only single/twin fluorescent light fitting suspended 25 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&F EI conduit, "L" type (125mmx125mm) 6mm thick and 25mm with MS clamps and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length.	Each	3		
12	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		
13	Supplying and fixing of 6 way double door 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. Incommer 63 A, 415 V Four Pole Isolator (Legrand) 1 no. b. Outgoing feeder 6-32 Amps SP MCB (Legrand) of Breaking capacity 10 KA & C characteristics- 18 nos. (A.C.Distribution)	Each	1		
14	Supply & Fixing 240 V, 25A Modular type socket, 25 A, Modular type starter (Brand approved by EIC) with 25A Modular switch type DP MCB (C-Curve) and 6 Module GI Modular type switch board with 6 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	9		
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 x 200 x 65mm 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	16		
16	Distribution wiring in 1.1 KV single core stranded of 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.	RM	370		
17	Distribution wiring in 1.1 KV single core of 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC 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	RM	250		
18	Laying of cable upto 4 core 35 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	RM	8		
19	Supply only 1.1 KV Grade XLPE Ar.Al Cable of 4 x 35 sq mm size.	RM	8		

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
20	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables of 4 core 35 Sq mm size.	Each	2		
21	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 4 core 35 sq mm size.	Set	2		
22	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes				
22(a)	2.5sqmm	Set	65		
22(b)	4 sqmm	Set	40		
23	Supply and fixing of LED fittings (2ft x 2 ft Box Type) with suitable Lamp in recessed mounting below the false ceiling with suitable size of G.I Chain and MS fastener, nipples etc. and necessary connection as required. (Cat No.Crompton LCTRN-36-FO-CDL)	Set	4		
24	Dismanteling the existing cubical Panel and store in a proper place as per instruction of EIC and mending good the damages of the floor as required.	Lot	1		
TOTAL (In Rs)					

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.