

**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

No: 03/DY. REG/19 -20

Date: 14<sup>th</sup> May, 2019

**Notice Inviting Tender**

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for Electrical Installation work Power Feeding arrangement for A.C power line at Class Room, Sub-Library, Laboratory, Professors sitting rooms of Electrical Engineering Department and Computer Science Department at 1st floor and 3rd floor of Main Building. 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 23.05.2019. Opening on 24.05.2019 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 1,00,000.00
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 **23.05.2019 upto 5.00 p.m at the Office of the Registrar, Purchase Section.**
14. **Opening on 24.05.2019 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:** Power Feeding arrangement for A.C power line at Class Room, Sub-Library, Laboratory, Professors sitting rooms of Electrical Engineering Department and Computer Science Department at 1st floor and 3rd floor of Main Building

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:** Power Feeding arrangement for A.C power line at Class Room, Sub-Library, Laboratory, Professors sitting rooms of Electrical Engineering Department and Computer Science Department at 1st floor and 3rd floor of Main Building of IEST, Shibpur, Howrah-711103.

S.L. No.	Description of work	Unit	Qty.	Unit Rate (In Rs)	Amount (In Rs)
1	Supply and fixing of 4 way MCB SS enclosure with IP-20/30 protection, S&F of 415 V,100 A FP,MCCB incl necessary connection as to G.S.(Legrand)	Set.	1		
2	Supplying and fixing 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) In commer 63 Amps TP MCB-01Nos, b )Out going 6-32 Anps SP MCB-18 Nos.	Set.	1		
3	"Supplying and fixing of 8 way double door Vertical TPN MCB Distribution board for MCCB incomer with IP-42/43protection, on angle iron frame on wall & mending good the damages to original finish incl. Inter connection withsuitable size of copper wire and neutral link & provision for earthing attachment. a) Incommer 100 Amps 415 V Four Pole MCCB of Breaking capacity 25kA/35kA with fixed thermal and fixed magnetic / adjustable thermal. b) Out going Feeder 6-32 Amps 240 V MCB of Breaking capacity 10kA & C characteristics-24 Nos."	Set.	1		
4	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.	Set.	16		
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.	RM	280		
6	Supply and laying of 1.1. KV grade XLPE cable 4 core 35 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 2 x 10 SWG GI (Hot Dip) Wire, making holes etc. as necy., mending good damages and painting	RM	90		
7	Supply and laying of 1.1. KV grade XLPE cable 4 core 50 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 2 x 10 SWG GI (Hot Dip) Wire, making holes etc. as necy., mending good damages and painting	RM	8		
8	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 35sqmm.	Each	4		
9	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 50sqmm.	Each	2		
10	Finishing the end of 4 core 35sqmm. XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials	Set.	4		
11	Finishing the end of 4 core 50sqmm. XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials	Set.	2		
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 with end finishing for 4 core 16 sqmm.	Nos.			
13	Finishing of the PVC insulated wire ends by socketting with pin/ ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.				
13(a)	2.5sqmm cu wire.	Nos.	35		
13(b)	4 sqmm cu wire.	Nos.	50		
16	Relaying of 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.	RM	80		
17	Supply & Fixing of perforated GI cable trayof 150x50x1.25mm (18SWG) with perforation not more than 17.5% suspended from ceiling incl. S&F GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. as required of the following size. Incl. Al painting of MS support.	RM	75		
18	Supply & Fixing of perforated GI cable tray bend of 150x50x1.25mm (18SWG)with perforation not more than 17.5% suspended from ceiling with two nos. suspenders & 25x25x3mm angle iron for supporting the cross member incl. S&F GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. as required of the following size. Incl. Al painting of MS support.	Each	2		
19	Supply & Fixing of perforated GI cable tray tee of 150x50x1.25mm (18SWG) with perforation not more than 17.5% suspended from ceiling with two nos. suspenders & 25x25x3mm angle iron for supporting the cross member incl. S&F GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. as required of the following size. Incl. Al painting of MS support.	Each	2		
<b>TOTAL (In Rs)</b>					

To  
Deputy Registrar  
Store and Purchase  
IEST'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.