

# 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:- 24/DY.REG./19-20

Date:- 23.07.2019

## Notice Inviting Tender

Sealed quotations are invited from bonafide Electrical Contractor, having valid electrical license for building electrification works for Emergent Repair work for uninterrupted Power Supply at central Server room, Humanities Department, School of VLSI and many other Department in the campus 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 01.08.2019 upto 2 p.m. Opening on 02.08.2019 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.

Dy.Registrar  
(Purchase & Store)  
IEST, Shibpur

Copy forwarded for information and necessary action to:

1. Institute Website,
2. Notice board

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

**Name of Tender:** *Emergent Repair work for uninterrupted Power Supply at central Server room, Humanities Department, School of VLSI and many other Departments 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 Licence No. :
8. Electrical Licence :
9. **GST No.** :
10. Quoted rate:  
(Use separate sheet, if required)

**Bill of quantities for the work of: Emergent Repair work for uninterrupted Power Supply at central Server room, Humanities Department, School of VLSI and many other Department in the campus of IEST, Shibpur, Howrah-711103.**

| S.L. No. | Description of work  | Unit | Qty. | Unit Rate (In Rs) | Amount (In Rs) |
|----------|--|------|------|-------------------|----------------|
| 1        | Supply only 1.1 Kv grade 4 core 35 sq mm Al Ar Cable.  | R.M  | 55   |                   |                |
| 2        | Laying of cable from 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.  | R.M  | 55   |                   |                |
| 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 upto 35 sqmm.   | Each | 5    |                   |                |
| 4        | 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.  | Set  | 5    |                   |                |
| 5        | Supply and fixing of loop box of Size 8"x 10" x 4" with 100 Amps copper stud and necessary connection as required.   | Set  | 1    |                   |                |
| 6        | 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 | 15   |                   |                |
| 7        | 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 | 15   |                   |                |
| 8        | 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 | 10   |                   |                |
| 9        | 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 | 10   |                   |                |
| 10       | 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 | 10   |                   |                |
| 11       | Supplying and fixing 6-32 Amps, 240 V, SP MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection.  | Each | 15   |                   |                |
| 12       | Supplying and fixing 6-32 Amps, 415 V, TPN MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection.   | Each | 2    |                   |                |
| 13       | Supplying and fixing 40 Amps, 240 V, DP MCB Isolator on din rail of existing DBs and necessary connection.   | Each | 5    |                   |                |
| 14       | Supplying and fixing 40 Amps, 415 V, FP MCB Isolator on din rail of existing DBs and necessary connection.   | Each | 6    |                   |                |
| 15       | Supply & Fixing 240 V 6 A Piano key type switch (Brand approved by EIC) on existing sheet metal switch board having bakelite/perspex top cover by screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required.   | Each | 25   |                   |                |
| 16       | Supply & Fixing 240 V 16/20 A Piano key type switch (Brand approved by EIC) on existing sheet metal switch board having bakelite/perspex top cover by screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required  | Each | 25   |                   |                |
| 17       | Supply & Fixing 240 V, 6A plug socket (Brand approved by EIC), without switch & plug top, on existing sheet metal switch board with bakelite/perspex top cover by screws after making housing for plug by cutting bakelite/perspex top cover and making necy. connections with PVC wire and earth continuity wire etc.   | Each | 25   |                   |                |
| 18       | 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 | 25   |                   |                |
| 19       | 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 | 30   |                   |                |
| 20       | Supply & Fixing 240 V, 20 A plug socket (Brand approved by EIC), without plug top and switch, on existing 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.   | Each | 30   |                   |                |
| 21       | 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   |      |      |                   |                |
| 21 (a)   | 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC  | R.M  | 350  |                   |                |
| 21 (b)   | 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC  | R.M  | 300  |                   |                |
| S.L. No. | Description of work  | Unit | Qty. | Unit Rate (In Rs) | Amount (In Rs) |

|                      |   |      |     |  |  |
|----------------------|---|------|-----|--|--|
| 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 cu wire.  | Nos. | 100 |  |  |
| 22(b)                | 4 sqmm cu wire.   | Nos. | 100 |  |  |
| 23                   | 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 | 20  |  |  |
| 24                   | Fixing only single/twin fluorescent light fitting complete with all accessories directly on wall/ceiling by screws etc.   | Each | 20  |  |  |
| 25                   | Supply and fixing of 36 watt Tube light on existing Tube fittings.  | Each | 50  |  |  |
| 26                   | Supply and fixing of 36 watt Ballast on (EBE) on existing Tube light set.   | Each | 30  |  |  |
| 27                   | Supply and fixing of Starter on existing Tube light set.  | Each | 20  |  |  |
| 28                   | Supply and fixing of 100 Amps porcelin base Fuse on existing Main Switch.   | Each | 5   |  |  |
| <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.