



NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY (NIELIT), KOLKATA

(Autonomous Scientific Society of Ministry of Electronics & Information Technology,
Govt. of India)

Jadavpur University Campus, Kolkata-700 032

(Phone: 24146081/6054/6064/6682, Fax: (033) 24146549, E-mail: apramanik@nielit.gov.in)

**TENDER FOR SUPPLY, INSTALLATION, TESTING OF ELECTRICAL WORKS FOR VRF AC SYSTEM , AT
2ND & 3RD FLOOR OF B+G+III STORIED IT/ITES BUILDING OF NIELIT, BF- 267, SALT LAKE,
KOLKATA -700 064.**

(Last Date for Submission 22.05.2017 at 3-00 PM)

Tender No. NIELIT/17-18/Electrical/01

Date: 12/05/2017

NOTICE INVITING TENDER

Sealed quotations are invited for “supply, installation, testing of electrical works for VRF AC system , at 2nd & 3rd floor of B+G+III storied IT/ITes building of NIELIT, BF- 267, Salt Lake, Kolkata -700 064,”. Bidders may visit our Office to understand the work, if required, so that they can quote properly. The quotations duly signed, sealed and superscribed on the envelope with the tender no. and due date, should be addressed to the Director, NIELIT, Kolkata so as to reach us on or before the due date stipulated above which will be opened at the scheduled time referred above in the presence of bidders who wish to be present. Tender form will be available at our website www.nielit.gov.in/kolkata.

- Encl:** 1. Terms and conditions,
2. Priced Schedule of Quantities (Annexure-I),

Terms & Conditions

1. Quotations are invited for the supply, installation, testing of electrical works for VRF AC system the items as per enclosed schedule of works (Annexure-I) from licensed & bonafide Electrical Contractor.
2. The quotation shall be submitted in the prescribed form and shall be valid for a minimum period of 3 (three) months from the date of opening.
3. The director NIELIT, Kolkata shall be the accepting officer, herein after referred to as such, for the purpose of contract.
4. The tenderer should indicate both in words & figures the rate offered at which the tenderer will execute the job if selected.
5. Time of completion of work is one (01) week from the date of acceptance of work order.
6. The work has to be started within one (01) day from the date of issue of work order.
7. The defect liability period will be of one (01) year duration from the date of satisfactory completion of work. The performance security deposit amounting to 10% of the work order will be deducted.
8. The tenderer is required to comply with the provision of all the acts / legislation of the Govt. relating to the labour laws and the rules and regulations made there under from time to time and to submit to proper time, all particulars and statement required to be furnished to the labour authorities concerned.
9. The tenderer shall provide all necessary personal superintendence during execution of the works.
10. 90% payment shall be made after 20 days on completion of satisfactory work to be certified by our electrical consultant and balance 10% will be returned after defect liability period (one year).
11. The material to be used shall be of approved make and quality as specified in the schedule of quantities and shall conform strictly to the relevant IS specification.
12. During the execution of the work the contractor shall-
 - a) Provide technical staff at the site who should be available as and when necessary.
 - b) Responsible to take all precautions to ensure the safety of the employee, public properly.
 - c) Ensure that no damage, injury or loss is caused or is likely to be caused to any person or property.
13. The following documents must be submitted with tender otherwise the tender will be treated as cancelled-
 - a. ST/IT clearance certificate
 - b. License no indicating validity period
14. VAT or any other tax on material in respect of contract shall be payable to the contractor.

15. The work shall be carried out as per the schedule and as per the instruction given by NIELIT,Kolkata nominated persons & NIELIT,Kolkata reserve the right to make changes / modify the specifications/ quantity mentioned in the schedule. No claim from the contractor in connection with the changes in layout shall be entertained.
16. NIELIT, Kolkata is not bound to accept the lowest quotation and reserve the right to reject any quotation without assigning any reason.
17. Statutory Taxes / levis i.e. TDS, VAT shall be deducted at source as per prevailing rate.
18. In the event of any dispute the accepting officer shall be final and binding on all concerned.
19. Guarantee certificate is to be provided.
20. Sealed Tenders, complete in all respects should reach **Director, NIELIT, Kolkata, Jadavpur University Campus, Kolkata-700032** latest by 22/05/2017 upto 03.00 PM. Tenders must be dropped in the tender box kept at the third floor, Office Room (Room No 411)at the aforesaid address. Incomplete tenders will be rejected. The bid will be opened at 3.30 PM , in presence of the representatives of the tenderers, Any further details required by the tenderer(S) can be obtained with Sh. Apurba Dutta or Sh. Aditya Pramanik, NIELIT, Kolkata, Jadavpur University Campus, Kolkata- 700032, Ph. No. 033 2414 6081/54.
21. Any damage done to the property of the NIELIT, Kolkata (Salt lake Campus) during installation of items shall be responsibility of the contractor and it shall be rectified by the vendor, at his cost to the entire satisfaction of NIELIT, Kolkata.

Sd/-
Joint Director (F&A)
NIELIT Kolkata

ANNEXURE-I

SCHEDULE OF WORKS

ELECTRICAL INSTALLATION WORKS FOR VRF AC SYSTEM AT 2ND & 3RD FLOOR OF B+G+III
STORIED IT/ITES BUILDING OF NIELIT, BF- 267, SALT LAKE , KOLKATA- 700 064

Sl. No.	Description of the work	Quantity No/ Set	Rate/ Unit (Rs)	Amount (Rs)
01.	Supplying of 1.1 kV grade, 500V, ISI marked, 2/ 3/ 4xC, Stranded Aluminium conductor, XLPE insulated, overall PVC seath, Galvanized steel strip armoured cable of type A2XFY as per IS: 7098 (Nicco, Glostar, Polycab or as per direction of the EIC) or latest version as amended time to time as follows:			
a.	4xC- 70 sq mm	45 RM	538.65	24239.00
b.	4xC- 25 sq mm	150 RM	247.80	37170.00
c.	2xC- 16 sq mm	30 RM	144.90	4347.00
02.	Supplying and fixing ISI marked compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables as below :			
a.	4xC- 70 sq mm	02 Sets	229.00	458.00
b.	4xC- 25 sq mm	08 Sets	173.00	1384.00
c.	2xC- 16 sq mm	04 Sets	121.00	484.00
03.	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless thimble/ flat sockets (ISI/ Dowels make), tapes, anticorrosive paste & jointing materials :			
a.	4 C- 70 sq mm	02 Sets	322.00	644.00
b.	4 C- 25 sq mm	08 Sets	125.00	1000.00
c.	2xC- 16 sq mm	04 Sets	61.00	244.00
04.	Laying of 1 No. cable on wall/surface including S & F GI/ MS clams- made with 20x3 GI strip (should be fixed 300 mm apart or as per site requirement) with earthing attachment in 2 x 6 SWG GI (Hot Dip) Wire, making hole etc. as necessary, mending good damages and painting as follows:			
a.	4 C- 70 sq mm	45 RM	95.00	4275.00
b.	4 C- 25 sq mm	150 RM	75.00	11250.00
c.	2xC- 16 sq mm	30 RM	60.00	1800.00
05.	Distribution wiring in 1.1 KV single core stranded 'FRLSH'	550 RM	136.00	74800.00

	PVC insulated & unsheathed copper wire (Finolex or Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make- Brand approved by EIC) incl. necessary fittings as required: 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC			
06.	Supply & Fixing of 240 V, 20A Modular type socket outlet, 25 A Modular type starter (Legrand, North West or as approved by EIC) and 4 Module GI/ PVC Modular type switch board with inner & top cover plate flushed in wall and making necessary connections with PVC- Cu wire and earth continuity wire etc.	28 Set	750.00	21000.00
07.	Supplying and fixing of double door type VTPN/ TPN/ ETPN/ SPN type MCCB/ MCB Distribution board in manufacturer's MS enclosures with MS cover controlling for MCCB/ MCB incomer and TP/ SP MCB's outgoing complete board IP-42/43, IK- 9/ 10 protection, on angle iron frame on wall/ concealed & mending good the damages to original finish including inter connection with suitable size of copper wire and neutral link & provision for earthing attachment as follows (Note : MCCB shall be 25/ 35- 36 kA & MCB shall be of 9/10 KA fault breaking capacity and 'C' series circuit relay) with 25x6x500 mm GI Earth Bus and Cable end box (16SWG) for VTPN DBs only as follows:			
a.	<p style="text-align: center;">VTPN MCCB DB</p> <ol style="list-style-type: none"> 1. Supplying & fixing of Legrand 06 way Enclosure IP 43- IK 09 (Enclosure CAT No.: 5077 51, DPX³ 160+18) 1 set with 2 sets of spreader links and the following accessories Ekinox³ VTPN DPX³ 160 MCCB DB's- 1 set. 2. Supplying & fixing of 415 V 4 Pole MCCB of Breaking capacity 25/ 35- 36 kA with fixed thermal, magnetic / adjustable thermal, fixed magnetic setting in existing DBs / enclosure, necessary connection MCCB LEGRAND CAT No.: 4200 96 – DPX³ 160- 36 kA, 125 A, 4 Pole MCCB - 1 no. 3. Supplying and fixing 240/415 V MCB of Breaking capacity 9/10 kA, C characteristics on din rail of existing DBs and necessary connection- LEGRAND CAT No.: 4086 61- 63A, DX³, TP MCB- 06 nos. 4. Cable end box for IP 43 DB's LEGRAND CAT No.: 5079 38- 1 No. <p>Or suitable substitute as per direction of the EIC with prior approval.</p>	1 Sets	56027.00	56027.00

b.	<p style="text-align: center;">SPN MCB DB</p> <ol style="list-style-type: none"> 1. Supplying & fixing of Legrand Ekinox³ SPN DB- 16 way Enclosure IP 43- IK 09 (Enclosure CAT No.: 5076 13) 1 set with 1 set 63 A bus and following accessories. 2. Supplying & fixing of 415 V Double Pole DX³ MCB of Breaking capacity 9/10 kA, C characteristics on din rail of existing DBs and necessary connection of 63A LEGRAND CAT No.: 4086 39- 1 no. 3. Supplying and fixing 240/415 V SP MCB of Breaking capacity 9/10 kA, C characteristics on din rail of existing DBs and necessary connection- LEGRAND CAT No.: 4085 87- 95, 6- 32A, DX³, SP MCB- 14 nos. <p>Or suitable substitute as per direction of the EIC with prior approval.</p>	2 Sets	8136.00	16272.00
Total Amount excluding Service Tax				255394.00
Rupees two lakhs fifty five thousand three hundred ninety four only				

The above terms and conditions accepted.

We agree to undertake the Work as per the schedule mentioned herein at Scheduled rate _____ **% ABOVE / AT PAR** / _____ **% BELOW** the scheduled rate as per the terms and conditions mentioned above.

Note: The rate above, at par or below the Scheduled Rate if quoted – to be mentioned in both number and words without any ambiguity.

The above terms and conditions accepted.
Date & Signature, Name and Address of the Contractor