

**NOTICE INVITING TENDER**

1. Sealed item rate tenders are invited by Dy.General Manager, SCOPE on behalf of Constituents of SCOPE MINAR, Laxmi Nagar Delhi- 110092 for the following work up to 18.07.2017, 2.30PM and will be opened on the same day at 3.00PM.

**Name of the work** : Dismantling of old distribution Board and Design, Fabrication Supplying, Installation, Testing &Commissioning Distribution Board at SCOPE MINAR, Laxmi Nagar, Delhi-92

**Estimated Cost** : Rs.81,33,104 /-

**Earnest Money** : Rs1,62,662/-

**Cost of Tender** : Rs. 1000.00(Non Refundable)

**Time of Completion** : 6 Months

2. Tender paper containing schedule of quantity,terms and conditions etc. may be obtained from the office of the Dy.General Manager, MMO ,on any working day between 10.00AM to 3.00 PM up to 17.07.2017 against the payment of Rs. 1000/- (Non Refundable)The Earnest Money will be accepted only in form of Demand draft /pay order in favor of "SCOPE MInar MMO Account" and drawn from Nationalized Bank.
3. Tender document shall be issued only to the manufacturers and reputed specialized Contractors working with CPWD/PWD/MES/Railway/PSUs/Autonomous Bodies/SCOPE who fulfill following pre-qualification criteria & showing the original document in this regard:

**3.1** Experience of having successfully completed similar works during the last 5 years ending last day of the month previous to the one in which applications are invited:

Three similar completed works, each costing not less than the amount equal to 40% of estimated cost put to tender.

OR

Two similar completed works, each costing not less than the amount equal to 60% of the estimated cost put to tender.

OR

One similar completed works of aggregate cost not less than the amount equal to 80% of the estimated cost.

- 3.2 Proof of registration with ESI, PF, Service Tax/VAT clearance certificate, PAN No. & valid Electrical Contractor License.
  - 3.3 Average annual financial turn over should be at least 1.5 times of the estimated cost during the immediate last 3 consecutive financial year.
  - 3.4 Balance sheet for previous three years.
  - 3.5 Copies of similar works executed / in hand for multi-storied office building & industry during last three years along with work order & clients performance certificate.
  - 3.6 List of Machinery tools & plants and equipment.
  - 3.7 All the above certificate / documents shall be submitted by the firm duly signed & self attested subject to verification with original documents.
  - 3.8 Profile of the indicating names of Directors / Partners / Proprietor, technical staff, and details of establishment etc.
4. NIT & Tender details shall also be available on SCOPE's website [www.scopeonline.in](http://www.scopeonline.in) stipulating the terms & conditions for the benefit of intending bidders to understand the scope of work, specifications etc. However, bids will be acceptable only if issued from the office of Dy.General Manager SCOPE and purchased by the bidders after verification of the specified pre-qualification criteria.
5. The tender shall be submitted in the following manner, in three separate sealed envelopes, duly super scribed the name of work along with following details:-
- Envelope-I "EMD"
  - Envelope-II "Technical and Un-priced Commercial Bid"
  - Envelope-III "Price Bid"
- Envelope – I shall contain 'EMD'. Envelope -II shall contain tender containing Technical & Un-priced Commercial Bid duly signed and stamped on all pages. Envelope-III shall contain only prices duly signed, i.e., schedule of rates duly filled in. It is to be noted that the sealed envelope containing Price Bid (Envelope-III) shall contain only the prices without any conditions whatsoever.
6. Tenderers are advised to submit their offers strictly based on the layout, design parameters, specific requirements, terms & conditions and specifications given in the tender document.
  7. Earnest Money mentioned above should be paid by crossed Demand Draft / Pay order from any Nationalized / Scheduled Bank in favor of "**SCOPE Minar MMO Account**". Tenders without Earnest Money Deposit will be summarily rejected and the representative of such tenderers will not be allowed to attend tender opening.
  8. The tender Envelope (II) containing Technical & Un-priced Commercial Bids shall be opened on the due date in the presence of tenderers or their authorized representatives who wish to remain present. The price bids (Envelop - III) shall be opened after all the technical bids are brought at par.
  9. Pre-bid Conference shall be held at 3:30PM on 13.07.2017, if required.

10. SCOPE reserves the right to reject any or all tenders without assigning any reasons.

**Dy. General Manager-Engg**

### **SCOPE OF WORK:-**

The scope of work includes dismantling of old LT DB and preparation of Drawings/ QAP/ ITP and approval, Manufacture, Testing & Transportation of LT D B to the site. The scope of the job also includes attaining the Electrical clearance for the Panels, Supervision of Pre -Commissioning checks, setting of all protective relays, giving clearance for the energization of the system and to assist while commissioning of the **LT DB** for SCOPE MINAR,LAXMINAGAR,NEW DELHI.

The scope of the work also includes necessary special tools and plants required for erection and maintenance of the distribution board. The bidder shall also list out in its bid, the details of tools and plants covered under the scope of supply. In addition to above, the bidder shall offer the following services:-

- a. Over land transportation covering freight and insurance for delivery at site.
- b. Storage and preservation at site till handing over after installation and commissioning.
- c. Complete erection, testing and commissioning of new Distribution Board.
- d. All other works incidental and connected with above services from delivery upto handing over the equipment and the system after commissioning.

### **CODES AND STANDARDS**

1. The distribution board and its various components shall comply with the requirements of

latest revision of the relevant standards

of: BSI : Bureau of Indian Standards

IEC : International Electro-technical Commission.

BSI : British Standards Institution.

NEMA : National Electrical Manufacturers Association.

NEC : U.S. National Electrical & Electronics Engineers.

IEEE : Institute of Electrical & Electronics Engineers.

API : American Petroleum Institute.

2. Any other recognized International code or standard may be followed in lieu of the above with prior approval of the Company.

The 415 V LT switchgear distribution board with its accessories shall conform to the requirements of latest edition of IS/IEC specifications except for modifications specified herein. The equipment manufactured according to any other authoritative standards which ensure an equal or better quality than the provision of IS/IEC specification shall also be acceptable. The salient point of difference between the proposed standards and provision of the specifications shall be clearly brought out in the tender. A copy of English version of such standards shall be enclosed with the tender.

**For guidelines to the tenderer, few of the Indian Standards are indicated below :-**

- IS 116 Circuit Breakers for AC System.
  - IS 159 Bus bars and Bus bar connections.
  - IS 3043 Code of Practice for earthing.
  - IS 3072 Code of Practice for Installation of Switchgear.
  - IS 3202 Climate Proofing of Electrical Equipment
  - IS 3427 Metal enclosed Switchgear and Control Gear.
  - IS 4237 General requirements for Switchgears not exceeding 1000 Volts.
  - IS 5216 Guide for safety procedures and practices in electric work.
  - IS 5578 Guide for marking of insulated conductors.
  - IS 5908 Method of measurement of electrical installation in building.
  - IS 6381 Specifications for construction and testing of electrical apparatus.
  - IS 1818 Isolator and Earthing Switches.
  - IS 2147 Degree of Protection provided for enclosure for Switchgear.
  - IS 2251 Code of Practice for Danger Notice Plates.
  - IS 2274 Code of Practice for wiring installations (exceeding 650 Volts)
  - IS 3854 Switches for domestic and similar purpose.
  - IS 2675 Enclosed distribution fuse boards and cutouts for voltage upto 1000
  - IS 2705 Current Transformers.
  - BS 162 Electric Power Switchgear for Indoor and Outdoor Installations.
  - IEC Pub 26 Circuit Breakers.
  - IS 375 Marking and arrangement for Switchgear Boards Main connections and Auxiliary Wiring.
  - IS 722 Three Phase Watt Hour meters with MDI.
  - IS 732 Electrical wiring installation (upto 650 Volts)
  - IS 1248 Direct acting Electrical Indicating Instruments.
  - IS 1567 Metal Clad Switches upto 100 Amps.
3. The entire electrical installation work shall be strictly complied with the Codes Standards, Rules and Regulations framed under the Indian Electricity Act. Further, it shall be carried out as per the Regulations and Rules set out by "Tariff Advisory Committee and/or Fire Insurance Regulations".  
Any other IS Codes As applicable at the time of execution over and above whatever stated above.
  4. **Site Conditions:-**  
The project site is located at Laxmi Nagar, New Delhi. The vendor should visit the site and obtain on the spot information required by him and having bearing on this work.
  5. **Approval of Drawings & Schedules:-**  
All fabrication drawings for LT DB, shall be prepared and submitted by vendor at no extra cost within the time stipulated by the SCOPE/ Consultants and in the manner so required by him. The vendor shall proceed with the work only after approval of the SCOPE/ Consultant. Such drawings shall be coordinated with all disciplines of work.
  6. **Drawings and Specifications:-**  
The Specifications and Schedule of rates shall be considered as part of this contract and any work or material shown on schedule and not called for in the specifications or vice versa, shall be executed as if specifically called for in both. The

drawings indicate the extent and general arrangements of the fixtures, controlling switches, wiring system etc. and are essentially diagrammatic. The drawings indicate the points of termination of conduit runs and broadly suggest the routes to be followed.

**7. Shop Drawings:-**

The vendor shall prepare and submit the SCOPE/ Consultants for his approval detailed Shop drawings of LT DB and any other equipment to be fabricated by vendor within 10 days of signing of the Contract.

**ADDRESS                      OF**  
**LOCATION:-**

**STANDING CONFERENCE OF PUBLIC ENTERPRISES**  
**(An Apex Body of Govt of India Public Sector Undertaking)**

SCOPE Minar ,  
Laxmi Nagar

District Center, Delhi-110092