

NOTICE INVITING TENDER

Subject: Supply, Installation, Testing & Commissioning of 2 Nos. Facade cleaning Roof Top Trolleys at SCOPE Minar, Laxmi Nagar, Delhi-110092.

Sealed item rate tenders are invited by **Dy. General Manager(Engg.)**, SCOPE on behalf of **Constituents of SCOPE Minar, Laxmi Nagar Delhi – 110 092** for the following work upto 10/01/2018, 3.00PM and will be opened on the same day 4.00PM

Name of the work : **Supply, Installation, Testing & Commissioning of 2 Nos. Façade cleaning Roof Top Trolleys at SCOPE Minar, Laxmi Nagar, Delhi-110092.**

Estimated Cost : **Rs. 45,90,000/-plus GST @ 18%**

Earnest Money : **Rs.1,08,400/-**

Cost of Tender : **Rs.1000.00**

Time of completion : 4 Months

Tender papers containing schedule of quantity , terms & conditions etc. may be obtained from the office of the **Dy.General Manager(Engg.), SCOPE Minar MMO** on any working day between **10.00AM to 3.00PM from 18/12/2017 up to 09/01/2018** against the payment of Rs. 1000/- (Non Refundable). The Earnest Money will accepted only in the form of Demand Draft/Pay order in favour of "SCOPE Minar MMO" and drawn from nationalized Bank.

1. Tender document shall be issued only to reputed, manufacturers (OEM), M/s Apple Tree & M/s tractel Trifor and their authorized distributors & dealers. However the Distributer / Dealers should have the working experience with CPWD / PWD / MES / Railway / PSUs / Autonomous Bodies / SCOPE and fulfill following pre-qualification criteria & showing their original documents in this regard:

- a. Proof of Experience of having successfully completed works during last 5 years ending last day of months previous to the one in which application are invited.

Three similar completed works each of the value not less than 40% of the estimated cost put to tender.

OR

Two similar completed works each of the value not less than 60% of the estimated cost put to tender.

OR

One similar completed work of the value not less than 80% of the estimated cost put to tender.

- b. The Tenderer must be registered under ESI, PF, GST and should have PAN No. Copies of registration papers along with details need to be furnished.
 - c. Average annual financial turn over on similar works should be at least 1.5 times of the estimated cost during the immediate last 3 consecutive financial year.
 - d. Balance sheet for previous three years along with Income Tax return.
 - e. Copies of similar works executed / in hand for multi-storied office building & industry during last three years along with work order & clients performance certificate.
 - f. All the above certificate / documents shall be submitted by the firm duly signed & self attested subject to verification with original documents.
2. NIT & Tender details shall also be available on SCOPE's website 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 (Tech.) SCOPE and purchased by the bidders after verification of the specified pre-qualification criteria.
3. The tender shall be submitted in the following manner, in three separate sealed envelopes, duly superscribed the name of work along with following details:-
- | | |
|--------------|--|
| Envelope-I | "EMD" |
| Envelope-II | "Technical and Un-priced Commercial Bid" |
| Envelope-III | "Price Bid" |
4. 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.
5. Tenders are invited to submit their offers strictly based on the layout, design parameters, Specific requirements, terms & conditions and specifications given in the tender document.
6. 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.

7. The tender Envelope I & II containing EMD & Technical & Un-priced Commercial Bids shall be opened on the due date in the presence of tenders or their authorized representative who wish to remain present. The price bid (Envelope-III) shall be opened after the technical bids are brought at par. SCOPE may conduct a Pre bid meeting with prospective bidders to clarify any aspect of its bid that requires explanation.
8. Pre bid conference shall be held at 3.00PM **on 02.01.2018** if required.
9. SCOPE reserves the right to reject any or all tenders without assigning any reasons.

Dy. General Manager(Tech.)

SCOPE OF WORK

1. The scope of work include design/fabrication supplying erection, testing & commissioning of motorized roof trolley and suspended platform as mentioned in the Bill of Materials in various locations at SCOPE Minar.
2. Dismantling and unloading of the existing roof trolleys and suspended platforms is included in the scope of work.
3. All the Civil works such as cutting floors/slabs & restoring it to original condition as required for the execution of installation work are inclusive in the scope of this contract. These shall be executed by same agencies in accordance with approved drawings or as per direction of Engineer-in-charge.
4. Proper site clearance after completion of work and during the progress of work as per instructions of Engineer In-Charge shall also in the scope of work.

5. Double suspension standard Cradle

- I. The Roof Carriage system (BMU) will be moving on concrete Track guided by existing guide rail angle.
- II. Double suspended Aluminum section with SS wire mesh suitable for 240 kg SWL duly epoxy painted platform shall be equipped with motorized rope climbing machine, motorized rope roller, antifall bloc stop safety device for secondary wire rope, 4 nos requisite length of wire rope shall be provided. Vertical movement of the platform shall be controlled through pendent push button. A centralized control panel shall be mounted on platform itself.
- III. Design & Supplying, of Double suspension standard Cradle machine with motorized rope climbing machine, safety device, control panel and all accessories having contract speed of 9 -11 MPM serving 3rd Floor to 20th floor (terrace level) as per detailed specification enclosed and as under
 - a. Cradle size : 2.5 x 0.7 x 1.0 mtr
 - b. Body construction: - Body of the platform shall be Aluminum section with SS wire mesh powder coated / SS sheet cladding.
 - c. Cradle capacity :- 240 Kg SWL
 - d. Wire rope:- Steel wire rope of suitable size (usha martin make) with minimum breaking force 53 KN
 - e. Brake: - Fail proof Electromagnetic Brake provided with braking torque.
 - f. Vertical movement :- Electrical
 - g. Horizontal Movement :- Electrical with guide rail
 - h. Power supply :- 415 V, 3 ph, 50 Hz
 - i. Safety Belt :- ISI marked
 - j. Control System: - Every control element is equipped with an emergency button and key operated switch. Electrical controls for all types of movement are dead man type press button. Control Panel is installed in the cradle and roof carriage. Electrical cable is provided by the contractor.

- k. Safety Devices :-
- Anti fall stop safety devices
 - Overload limit switch
 - Buffer plate
 - Manual Descending (during power failure) at controlled speed with the help of brakes.
 - Emergency control button integrated with control panel.
6. All structural steel parts of the machine is painted in any RAL color specified by client.
7. All electrical cable between cradle & roof trolleys and main electrical panel to roof trolleys are supplied by the contractor.
8. Design & Supplying, of motorized roof trolley (Roof carriage system (BMU) as per detailed specification enclosed and as under :-
- a) Weight of unit :- 4000 kg (Est.)
 - b) Length of unit :- 1500 mm to 2000mm (as per site requirement)
 - c) Wheel base :- 1250 mm
 - d) Traversing Speed :- 10 MPM
 - e) Safe working Load :- 240 Kg
 - f) Dia of Wire rope :- 8.3 mm
 - g) Power supply :- 415 +-10 %V
 - h) Safety component:
 - -Four individual suspension wire ropes
 - -Slack rope switch off
 - -Control panel at roof carriage
 - i) Key to operate switches at control panels
9. Roof carriage: - The roof carriage will be of steel structure. This will have four heavy duty wheels with one of the two front wheels powered with electric geared motor for powered traversing. The roof carriage will have a jib fixed on spacer. The height of the spacer will be as per site requirement. Swiveling arrangement of spacer will allow the cradle to be parked at terrace level.
10. The all electrical cabinet for operating the maintenance unit is installed under the hood of roof carriage and access is easy.
11. This work is to be executed on turnkey basis and any item not specifically mentioned in the scope of work or Bill of Quantity (BOQ) is deemed to be included in the overall value of contractor.