

## NOTICE INVITING TENDER

**Ref no.:- SCOPE Minar / MMO / 18-19 /093**

**Date: 02.08.2018**

**Sub. : Providing & Fixing of PUF Insulated M.S door for AHU rooms of HVAC system at SCOPE Minar .**

1. Sealed item rate tenders are invited by Dy. General Manager-Engg. SCOPE Minar **on behalf of Constituents of SCOPE Minar**, Laxmi Nagar, Delhi – 110 092. For the following work up to 17.08.2018 at 3.00 P.M and will be opened on the same day at 3.30 P.M

Name of the work : **Providing & Fixing of PUF Insulated M.S door for AHU rooms of HVAC system at SCOPE Minar**

Estimated Cost : **Rs.1243594.00 plus GST @ 18%**

Earnest Money : **Rs. 30000.00**

Time for completion : 3 months from the date of issuance of LOI

Cost of Tender : **Rs.500.00**

2. Tender papers consisting of schedule of quantities, contract conditions, may be obtained from the office of Dy. General Manager-Engg., SCOPE Minar on any working day between 10.00 A.M to 3.00 P.M from 02.08.2018 to **16.08.2018** against the payment of Rs 500/- in the form of Demand Draft in favour of "SCOPE Minar MMO " (Non-refundable) .

- 3 Tender document shall be issued only to reputed, specialized Contractors / Manufactures working with CPWD/PWD/MES/ Railway/PSUs /Autonomous Bodies who fulfill following criteria:

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

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

OR

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

OR

One similar / Air conditioning completed work of aggregate cost not less than the amount equal to 80% of the estimated cost put to tender.

- 3.2 The Tenderer must be registered under ESI, PF, GST & income tax act and should have PAN number. The copies of registration papers along with details need to be furnished.
- 3.3 All the above certificate / documents shall be submitted by the firm duly signed & Self attested subject to verification with original documents.

4. The tender shall be submitted in the following manner, in two separate sealed envelopes, duly superscribed the name of work along with following details:- Envelope-I “EMD” Envelope-II “Price Bid” along with tender document. All pages of tender document shall be duly signed & stamped. Envelope – I shall contain ‘EMD’ Envelope-II shall contain prices duly signed, i.e., schedule of rates duly filled in along with tender document. All pages of tender document shall be duly signed & stamped. It is to be noted that the sealed envelope containing Price Bid (Envelope-II) shall contain only the prices without any conditions whatsoever. Both the envelopes to be put in a third envelop superscribed with, “Tender for **Providing & Fixing of PUF Insulated M.S door for AHU rooms of HVAC system at SCOPE Minar Laxmi Nagar, Delhi-92**”.
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 favour of “SCOPE Minar MMO”. Tenders without Earnest Money Deposit will be summarily rejected.
7. The tender Envelope (II) containing price bid of tenderers shall be opened on the due date in the presence of tenderers or their authorized representative who wish to remain present.
8. SCOPE reserves the right to reject any or all tenders without assigning any reasons.

**Dy. General Manager –Engg.**

## SCOPE OF WORK

The SCOPE Minar is a state of art office building located at Laxmi Nagar District Centre, Delhi-92 comprising of twin tower namely North Tower & South Tower. North Tower is G+ Mezz. +20 floor (Core-1 &2) and South Tower is G+Mezz. +15 floor (Core-3 &4) where in space is reserved for offices of various Govt. of India Enterprises. The building is Centrally Air conditioned and most of the equipments of the system have been recently up graded. The Central air conditioning system of the building is comprising of 6 Nos.X 630 TR Centrifugal water chilling Units, 6 nos X 785 TR cooling towers, 16 no.s of CHW & CDW pumps, piping, ducting & 125 Nos. of AHUs of various capacities etc. The AHUs of the system are installed in separate AHU rooms located in core area at each floor of the building. It is intended to replace the existing wooden door with of PUF insulated M.S door for 32 nos AHU rooms i.e for ONGC, HPCL, , NISCI floors to avoid the infiltration of outdoor air..

The Scope of work shall, inter alia, include the following:

- (a) Dismantling of existing door with frame as per our location .
- (b) Providing & Fixing of PUF insulated M.S door as per our existing AHU rooms with all accessories as per Bill of materials.
- (c) The Door should be fabricated with M.S sheet 20 gauge powder coated both sides & high density PUF injected between the sheet , thickness of door 40 mm along with 100 mm frame and clear glass in center position of 40 mm thickness of door & 2 fts below from the top.
- (d) Providing & Fixing of Acoustic door of double leaf door comprising of MS pipe frame size 122x61x3.5 mm hollow portion of pipe filled with Rock wool to block noise transmission. The door leaf shutter inner 8 mm perforated sheet and outer sheet out of 1.2 mm thick plain CRCA sheet door shutter thickness shall be 100 mm filled with acoustic insulation material rock wool of 96 kg/ cubic mtr and one sound damping layer of 3.5 mm thickness. The neoprene rubber gasket provided in between frame and shutter to fill the gap. The door fitted with sound proof glass vision panel of required size each leaf, glass made out of 6 mm , 02 nos glass with 12 mm gap in between both glass, gap filled with Argon gas and sealed with silicon dealing. The door shall be fixed with suitable fasteners after removing of existing damaged wooden door by cutting / removing of bricks wall and reconstruction the same with proper plaster, painting etc. as per requirement for fixing of new door in all respect and as per direction of Engineer-In charge.
- (e) The technical properties of acoustic door are as
  - \*Density 1.7g/cubic cm
  - \*Pliability (UEAtc) -20 degree C does not break
  - \*Elongation (UNE104-281/6.63) 100%
  - \*Crushing strength Hardness 62
  - \*Melting Point 150 degree C
  - \*Operating Temperature 80 degree C

Dy. General Manager-Engg.