

**NOTICE INVITING TENDER**

1. 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 up to 18.07.2017 at 3.00 P.M and will be opened on the same day at 3.30 P.M

**Name of the work** : Up gradation of HVAC system at SCOPE Minar

**Sub Head** : Replacement of existing 10 No. AHUs at Different floors at SCOPE Minar , Laxmi Nagar Delhi-110092

**Estimated Cost** : **Rs.3525031.00**

**Earnest Money** : **Rs. 70500.00**

**Time for completion** : **4 months from the date of issuance of LOI.**

**Cost of Tender** : **Rs.1000.00**

2. Tender papers consisting of Drawings (if any), Technical specifications, 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 up to 17.07.2017 against the payment of Rs 1000/- (Non-refundable) . The Earnest Money will be accepted only in the form of Demand Draft / Pay order in favour of “**SCOPE MInar MMO Account** “ and drawn from Nationalized Bank.
3. Tender document shall be issued only to reputed, specialized contractors/manufacturers working with CPWD / PWD / MES / Railway / PSUs / Autonomous Bodies / SCOPE and fulfill following pre-qualification criteria & showing their original documents in this regard:
- 3.1 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.

- 3.2 The Tenderer must be registered under ESI, PF, VAT act, service tax act & income tax act and should have PAN No. Copies of registration papers along with details need to be furnished.
- 3.3 Average annual financial turn over on HVAC works 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 along with Income tax return certificate.
- 3.5 Copies of similar works executed / in hand for multi-storeyed office building & industry during last three years along with work order & clients performance certificate.
- 3.6 All the above certificate / documents shall be submitted by the firm duly signed & self attested subject to verification with original documents.
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-Engg., 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. 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.

7. Earnest Money mentioned above should be paid by crossed Demand Draft / Pay order from any Nationalized / Scheduled Bank in favour 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 representative who wish to remain present. The price bid (Envelope-III) shall be opened after the technical bids are brought at par.
9. SCOPE reserve the right to reject any or all tenders without assigning any reasons.
10. Pre bid meeting shall be held at 3.30 P.M on 13.07.2017. ( if required.)

**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 10 nos. of AHUs i.e for ONGC, HPCL, , NICSII floors as it were installed somewhere in 2001-2002 and have outlived their useful lives) along with their piping & valves etc.

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

1. The agencies must visit the site/ location at different floor in all 04 cores to install the Air-handling & allied work before quoting your prices.
2. The work proposed under this tender includes supply, installation ,testing & commissioning of 10 Nos double skin air handling units .
3. Providing & Fixing at site all main equipments associated with the system as asked under technical specifications.
4. To execute all incidental work at site including material supply at site associated with ac system asked in technical specifications, Nature of such work will be sheet metal duct, chilled water piping and drain piping etc. incidental civil work, incidental electrical work, cable etc .at site for all manufactured items at work and also item fabricated at site.
- 5 Routine testing, pressure testing of complete AHUs at site.
6. Connected civil work such as foundation, removing/refixing of AHU door and other repair work inside AHU Room for installation of AHU/equipments in all respect.
7. Performance testing at site complete system as per various technical requirement as stipulated in performance testing clause.
8. Dismantling of existing 10Nos AHU including duct connection, pipe connections, pipe connection and taking out these from site under rebate item as per schedule of work.
9. Shifting/modification if any in electrical/cubical panel refixing the same along with the motor connection and AHU put in operation etc.

10. Supply, installation, testing & commissioning of allied work like Butterfly valves, balancing valves, Y-strainer, , Air vent etc and all other connected accessories.
11. New chilled waterline with valves & fittings of 10 No. AHUs shall be connected with existing header ring laid for all AHUs at terrace.
13. The Air handling unit along with allied work shall be tested as per specification given in tender documents.
14. All 10 Nos AHUs & Their fans shall be delivered in total knockdown condition due to site constraint and same shall be assembled inside of AHU Rooms with complete running condition.
15. As the Air conditioning system of the building will be operational, hence the shutdown of the system can be arranged on weekend or on Friday evening only for carrying out the dismantling of existing AHUs , assembling of new AHUs (by other agency) and thereafter installation of piping, valves, ducting, electrical cable termination, insulation etc shall be done. The bidder shall have to arrange and deploy their team at site accordingly.
16. 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.

**List of Approved `Makes'**

<b><u>S.No.</u></b>	<b><u>Items</u></b>	<b><u>Acceptable Makes</u></b>
1.	Air-Handling Units	: Edgetech/Zeco/ETA
2.	DIDW Backward Curved Fan	: Kruger/Nicotra
3.	Cooling Coil (AHRI Certified)	: Edgetech/Zeco/ETA
4.	Electric Motor	: Crompton/ABB/Havells/Siemens
5.	Prefilter	: Spactrum/Thermadyne/Athlete
6.	Chilled Water M.S Pipe	: Jindal,Hissar/Tata
7.	G.I Drain Pipe	: Jindal,Hissar/Tata
8.	Butterfly Valve	: Audco/Advance
9.	Balancing Valve	: Advance/Sant
10.	Y-Strainer	: Advance/Sant
11.	Ball valve	: Zoloto/Leader
12.	SS Pressure Gauge	: H.Guru/Emrald/Fiebig
13.	Thermometer	: H.Guru/Emrald/Fiebig
14.	3-Way Mixing Valve	: Anergy/Honeywell
15.	Auto Airvent	: Anergy/Honeywell
16.	G.I Sheet	: Sail/Jindal/Tata
17.	Glass wool Insulation	: U.P.Twiga/Malanpur
18.	Nitril Rubber Insulation	: Armacell/Paramount
19.	Aluminium Sheet	: Balco/Nalco/Hindalco
20.	Fire Damper	: Servex/Carryaire/Ravistar