

## **NOTICE INVITING TENDER**

**Sub. : Up-gradation of HVAC System- Provision of Ultraviolet Germicidal Irradiation (UVGI) System in existing AHUs to prevent COVID-19 & other Viruses at SCOPE Minar- Laxmi Nagar, Delhi – 92.**

1. Online e- tenders are invited by Addl. General Manager (Tech & HR) SCOPE on behalf of Constituents of SCOPE Minar, Laxmi Nagar, Delhi – 110 092 for the subject work as per the details given below:

1.1 Name of the work : Up-gradation of HVAC System- Provision of Ultraviolet Germicidal Irradiation (UVGI) System in AHUs to prevent virus COVID-19 Pandemic at SCOPE Minar, Laxmi Nagar, Delhi – 110 092.

1.2 Estimated Cost : **Rs. 1,22,55,589/-(inclusive GST @18%)**

1.3 Earnest Money : **Rs. 2,45,200.00**

1.4 Time for completion : **2  $\frac{1}{2}$  months from the date of issuance of LOA.**

1.5 Tender Processing Fee : **Rs.7670 .00**

1.6 Cost of tender : **Rs 1120.00**

1.7 Commencement of download E –Bid : 8.01.2021 from 10.00 A.M.

1.8 Last date of downloading of E- Bid : 23.01.2021 up to 12.30 P.M.

1.9 Last Date of E – Bid Submission : 23.01.2021 up to 3.00 P.M.

2.0 Last date of submission of hard copy of EMD: 23.01.2021 up to 3.00 P.M.

2.1 Tender opening Date & Time (Technical) : 23.01.2021 at 3.30 P.M.

2.2 Tender opening Date & Time (Financial) : To be intimated later

2.3 Bidders have to download the bid documents from the e-procurement portal i.e. [www.tenderwizard.com/SCOPE](http://www.tenderwizard.com/SCOPE) after registering themselves on portal and submit e-bids after payments of Bid processing Fee & Bid documents Fee before last date & time of downloading the e-bids online. Bidder can also view the NIT & Scope of work on [www.scopeonline.in](http://www.scopeonline.in).

2.4 Bids shall be submitted through e-bidding mode only. No other mode of Bid submission shall be accepted.

3. Tender document shall be accepted only from reputed specialized contractors/ manufacturers/ OEM-partner working with CPWD/PWD/MES/Railway/PSUs/Autonomous Bodies/SCOPE who 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 month previous to the one in which application are invited.

Three similar completed work of HVAC System viz. the job of Air Handling Units (AHUs)/ Water Chilling Units/UVGI etc. each of the value not less than 40% of the estimated cost put to tender.

OR

Two similar completed work of HVAC System viz. the job of Air Handling Units (AHUs)/Water Chilling Units/UVGI etc each of the value not less than 60% of the estimated cost put to tender.

OR

One similar completed work of HVAC System viz. the job of Air Handling Units (AHUs)/ Water Chilling Units/UVGI etc each of the value not less than 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 No. Copies of registration papers along with details need to be furnished latest ESI & PF deposit with challan authority is also needed.
- 3.3 Average annual financial turn over on the works of HVAC System including the job of Air Handling Units (AHUs)/Chillers/UVGI should be at least 100% of the estimated cost during the immediate last 3 consecutive financial year.
- 3.4 Balance sheet for previous three years with ITR.
- 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 Bank solvency certificate of the amount equal to 50% of the estimated cost of work, in any case it should not be older than 12 months from the last date of issue of NIT.
- 3.7 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 through only portal i.e., [www.tenderwizard.com/SCOPE](http://www.tenderwizard.com/SCOPE)
- 4.1 Hard copy of Form of tender duly signed and stamped must be submitted along with cost of tender & EMD.
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 and instruction to bidder.
6. Earnest Money along with cost of tender 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 & cost of tender will be summarily rejected and the representative of such tenderers will not be allowed to attend tender opening.

7. SCOPE reserves the right to reject any or all tenders without assigning any reasons.
8. Pre-bid Conference shall be held at 3:00 P.M on 19.01.2021, if required.

**Addl. General Manager (Tech & HR)**

## **SCOPE OF WORK**

**Sub. : Up-gradation of HVAC System- Provision of Ultraviolet Germicidal Irradiation (UVGI) System in existing AHUs to prevent COVID-19 & other viruses at SCOPE Minar- Laxmi Nagar, Delhi – 92.**

The scope of work included in this tender is for Up-gradation of HVAC System- Provision of Ultraviolet Germicidal Irradiation (UVGI) System with accessories in AHUs to prevent COVID-19 & other viruses at SCOPE Minar, Laxmi Nagar, Delhi – 110 092.

- a) **The agencies are strictly advised to visit the site for location to install the Ultra-violet Germicidal Irradiation (UVGI) system with complete accessories in AHUs before quoting your prices.**
- b) Supply, Fixing, Testing and Commissioning of Ultraviolet Germicidal Irradiation (UVGI ) system with UV Lamps -Imported/Indigenous as per the specifications, list of approved makes complete with mounting/frame arrangements (between cooling coil & Blower) as per the required size of Cooling coil, complete electrical wiring, connections from electrical panel to UV lamps with suitable intensity and shall have high output , Intensity to meet UV dose of  $800\mu\text{Ws}/\text{cm}^2$ .and capable to produce wavelength of 254 nm and shall not be less than average minimum life of 12000 working hours any kind of t modification in all respect to make it operational at site, UVGI System shall be suitable for air born Microbes removal, Killing rate of bacteria and virus up to 99.9% ,Installation of UVGI System is suitable for horizontal or vertical, The entire UVGI system shall be self contain unit with all factory fitted components in one neat compact package, free standing and mounted on corrosion free mounting frame. The mounting frame shall be made out of SS-304 of suitable size & thickness. as per site requirement etc as required and as per direction of Engineer-Incharge.
- c) The system shall be suitable for the horizontal/vertical installation, new/retrofit installation, custom designed to suit air velocity, provides flexibility to adapt to AHU.
- d) SITC of UVGI System also includes the supply with mounting arrangements & fixing of UV lamps inside the existing unit over the site.
- e) You shall provide for UV Lamps a proper terminal with internal connections over the units. Wiring & connections from the source of terminal points etc.
- f) Appropriate safety and caution notice shall be screen printed on cover plate of UVGI frame and on electrical box.
- g) Any addition and modification AHU required for installation of UVGI system, shall be carried out at the end of contractor, No extra cost shall be paid on this account.