

Department of Civil Engineering
Indian Institute of Technology Delhi

Notice Inviting Quotations

Dated:05.02.16

Work: Installation of environment control in room to maintain a **temperature** and **relative humidity** in all climatic conditions usual to Delhi, using heating and cooling air conditioner with humidifier and ducting system.

Details of work:

Address of location	Room No: 101 (GF), Block-V, Main Building, Department of Civil Engineering, IIT Delhi-110016
Room Dimension	6m x 4.5m x 3.5m
Room Openings	Door: 1 (1m x 2m); Window: Nil
Controlled condition requirement (Throughout the year)	Temperature range : 20 to 40 °C; tolerance : ±2 °C Relative Humidity (RH) range : 50% to 70% ; tolerance: ±5 %
Scope of work	<p>This work includes construction, supply, installation, testing and commissioning of environment controlled room with necessary equipments from branded manufacturers.</p> <p>This works also includes all the necessary electrical/civil works associated with the work like laying of cable from the main panel/main switch bard to the location of room, cutting/chipping of RCC and masonry wall/ceiling/earth as required, making openings as required and final finishing to match, construction of permanent shelter for outdoor AC units.</p> <p>Ducting system includes supply/installation/construction of works like ducts, wiring, piping with necessary joints/headers, laying cable trays, drain piping, necessary insulation, diffusers/grillers, isolators, filters, and wall insulation etc.</p>
Major equipments	<p>It is expected that the following equipments are required to meet the specifications.</p> <p>Minimum 3 Ton each of Heating-Cooling Air conditioners (outdoor unit with ducts) – minimum 2 Nos.</p> <p>Controller (24 Hour working) for Change over between AC's – minimum 1 No.</p> <p>Humidifier and Humidity Sensor (to control the RH) – minimum 1 No.</p> <p>Ducting, switches, cable trays, diffusers, controllers, etc. – as required</p> <p>Electronic display of temperature and humidity inside the room at minimum two locations – as required</p>

Terms and Conditions

1. The quotations in a sealed envelope should reach the undersigned before 5:00pm on 09.03.16. Separate quotations should be submitted for “TECHNICAL BID” and “FINANCIAL BID” in two separate envelopes and marked clearly as “Quotations for Environmental Control ”

Name: Dr. Shashank Bishnoi
Address: Department of Civil Engineering
Indian Institute of Technology
Hauz Khaz, New Delhi-110016

2. The bidders should inspect the work site before quoting and obtain all the information which may be necessary for the purpose of the successful execution of the contract. Bids from bidders who have not inspected the work site will be summarily rejected.
3. The bidder shall also make himself familiar with all the local conditions, means of access to the site of work, nature, extent of transport facilities and character of the work and supply of materials, conditions affecting labour and other matters that may affect his/her bid.
4. Total time for complete work: 2 month from date of work order.
5. Special discount/rebate wherever admissible keeping in view that the supplies is being made for “Educational Purposes”
6. Bidder shall fully warrant that all the materials/equipments installed under the order shall be new and first quality
7. Detailed specifications, catalogue/literature and authorization certificate of all items quoted should be supplied with quotation
8. The institute reserves the right to accept/reject all/any quotations without assigning any reason thereof
9. Delivery/Completion period required should be clearly mentioned in the quotation
10. Submitted quotations should clearly mention the validity period, preferably for a minimum of 3 months
11. Incomplete and conditional submitted tenders would be summarily rejected.
12. Necessary certificate should be enclosed by the vendor in case of proprietary nature of quoted items
13. The quoted prices must include all transportation/installation charges and applicable discounts and taxes
14. 1 year comprehensive warranty for all work must be included on all work and equipment. Charges for AMC for 3 additional years for all work and equipment must be quoted separately.
15. The vendor will be responsible for carrying out the entire work and removing all waste materials from the site before completion of the work.
16. In case of imported item, the purchase will be carried out on “FOB” basis
17. All documents, manuals, datasheets etc. must be in English language.