

Tender Notice for Fabrication of Surface Disinfection Unit

Institute Website

**DEPARTMENT OF CIVIL ENGINEERING
Indian Institute of Engineering Science and Technology, Shibpur
(Formerly Bengal Engineering and Science University, Shibpur)
P.O.: Botanical Garden
Howrah – 711 103**

Tender Advt. No CE/ENV/TEQIP/2020/01

Dated: 08/10/2020

Sealed quotations are invited by the Department Civil Engineering Department, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103 for **the fabrication among with the supply of its components** in Environmental Engineering Laboratory, Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur.

Tender Documents containing details of the items and terms and conditions may be downloaded from the institute website and complete bidding documents are to be submitted to the **Office of the Head, Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur; Howrah-711103** or dropped into the Tender Box kept in the Department **October 16, 2020 (2:00 pm)**.

For further clarification, please contact Dr. Asok Adak (8017888951).

Enclosed: **Section- I: General Conditions and Important Instructions for Bidders.**

Section-II: Details of surface disinfection unit and consumables

**Head
Department of Civil Engineering
IEST, Shibpur**

SECTION-I: General Conditions and Important Instructions for Bidders

1. Interested parties/vendors are to download the tender documents with detailed specifications from the institute website (www.iiests.ac.in)
2. It is necessary to submit the original tender documents along with technical/price bids to the **Office of the Head, Department of Civil Engineering, Indian Institute of Engineering Science and Technology (IEST), Shibpur, Howrah-711103.**
3. Bidders are to abide by the **terms and condition and submit this tender document in original duly signed with acceptance of the terms and conditions.**
4. Price of each of the items should be quoted separately as per the specification.
5. Last date of receipt of tender is **October 16, 2020 (2:00 pm)**. Tenders received late will not be accepted under any circumstances. Tenders will be opened in the Department of Civil Engineering, on the same day at 2:05 pm. In case the Institute remains closed on the said date, tenders will be opened on next working day at 10:00 am.
6. The Price Bid should clearly mention the price including the following:
 - Delivery charges up to Environmental Engineering Laboratory, Department of Civil Engineering, IEST, Shibpur, Howrah, including loading and unloading charges.
 - All taxes, duties, levies applicable.
 - Erection, Commissioning and testing charges at Environmental Engineering Laboratory, Department of Civil Engineering, IEST, Shibpur site
7. The equipment/goods are to be supplied at the Environmental Engineering Laboratory, Department of Civil Engineering, Indian Institute of Engineering Science and Technology between 11.00 am and 4.00 pm from Monday to Friday except holidays. The bidders will be responsible for any breakage, damage or defect in the equipment detected subsequently.
8. Period of delivery of equipment/ execution of work should be within two weeks from the date of issue of Purchase Order. If the supply/execution is not completed within the stipulated period as indicated in the Purchase Order a Liquidated Damage @0.5% per week will be imposed on the value of purchase order subject to maximum of 5% of the value of work order.
9. Tax invoice in triplicate should be presented for payment within 15 days of supply/ commissioning of work. No advance is paid for execution of the order. The Order No. is to be noted on both Challan and Bill. All bills are to be accompanied by order copies and Challan receipt.
10. Payment will be made on submission of Proper Invoice, Challans etc, by A/C Payee Cheque and no cash payment will be made under any circumstances.
11. All payments are subjected to statutory deductions as and when applicable.
12. Tender is to be kept valid for acceptance for 3 months with effect from the last date of issue of the tender without any modifications in its terms and conditions.
13. Documents mandatory to be submitted with the tender:
 - Tender Documents, General Conditions and Important Instruction in original duly signed by the Proprietor/ Partner/ Director of the company as a token of acceptance of Terms and Conditions of Tender.
 - Photocopies of PAN and GST certificates
 - Price bid according to specifications.
14. Authority reserves all rights to accept/reject any/all quotation without showing any reason.

I/We accept the above terms and conditions.

Signature of vendors with date & Seal

Section-II: Details of items

1. Details of surface disinfection unit

The surface disinfection unit should be fabricated in consultation with Dr. Asok Adak, Associate Professor, Civil Engineering Department. The fabrication along with the supply of items should be done in the Environmental Engineering Laboratory, IEST, Shibpur. The specification of surface disinfection unit is given below.

Fabrication of surface disinfection unit, including

- (i) wooden work – teak wood frame and ply board top with sunmica finish/similar finish to take load of approx. 70 kg; 2 tables – 650 mm (L) x 600 mm (W) x 650 mm (H); one table - 1800 mm (L) x 650 mm (W) x 650 mm (H)
- (ii) steelwork - sheet cover (> 2 mm thick) for covering UV light and protecting mesh for UV tubes; necessary steel frame for support. Fixtures to be provided.
- (iii) motorized conveyor belt with electronics speed controller – belt area approx. 1450 mm (L) x 500 mm (W); min 1.5 HP motor, load capacity – 70 kg, min speed – approx. 0.2 m/s, preferably PVC Nylon Rubberized Belt.
- (iv) chemical fogging system (tank – approx. 15 L, pump – 1 HP, 4 nos. of spray nozzles - 0.1 mm, suitable pipes & valves, etc.)
- (v) Philips UVC (254 nm) tubes (1-1.5 ft, 20 W) with chokes, electrical connection, switches – min 12 nos. for 1 ft or 9 nos. for 1.5 ft.
- (vi) panting of wood works and steel works after necessary primer application.
- (vii) necessary electrical connections and switch board (min 10 switches), fuse, indicator etc.

2. Supply of filter paper (Specification: S-Pak Filter 0.45-micron, 47 mm with gridded; Make – Millipore, Cat. HAWG047S)