Transportation Engineering Laboratory
Department of Civil Engineering
IIT Delhi, Hauz Khas, New Delhi - 110 016

27th November 2013

Sealed quotations are invited for the purchase of the following item by Transportation Engineering Laboratory, Department of Civil Engineering, IIT Delhi confirming to the technical specifications given below:

Item: Convection Oven for Asphalt concrete Mixture Preparation

Quantity: Two

Technical Specifications:

- It should confirm to drying oven specified in ASTM C127, C136, D559, D560, D698,D1557,D1559
- It should provide uniform temperature throughout the chamber with high precision by forced ventilation airflow.
- The interior, grid shelves and exterior front part should be made up of stainless steel while external walls made of zinc coated steel.
- Sturdy structure with double wall lined with 60 mm thick glass fiber for thermal insulation.
- Oven should be provided with a glass door facility for inspection,
- The oven should be equipped with a dual safety thermostat to prevent overheating,
- Display: Minimum 4 digit LED type for set point and actual
- Temperature range : ambient to 200°C
- Oven Capacity (Minimum) : 220 ltr
- Chamber Inside Dimension: 600 x610 x600(H) mm
- Chamber outside Dimensions: 900 x 725 x 910(H) mm
- Number of doors : 1
- Maximum power consumption : 2050Watt
- Digital microprocessor controller with display of set point and actual temperature of the oven.
- The oven should be equipped with dual safety thermostat with higher thermic threshold to prevent accidental over temperature and to ensure safe working conditions.
- The oven should be supplied with three grid shelves easily removable and that can be positioned at various heights, pilot light and exhaust holes for fast cooling.
- Power Supply: 230 V, 1 Phase, 50 Hz,

Terms and Conditions:

- Sealed **technical** and **commercial** quotations should be submitted in separate envelopes; **else they would be rejected,**
- Quotations should be directly from the original developer or authorized sales agent,
- The cost should include delivery (CIF Delhi), installation and training at IIT Delhi,
- If the items are proprietary product of the company, a proprietary certificate stating the same may be provided,
- If the bidder is not a manufacturer, authorization from the manufacturer needs to be enclosed,
- The supplier must submit proof (including address, telephone number and email ID) of prior installations at other central govt. funded institutions and/or R&D labs. The bidder should have supplied/installed same items in at least three or more such organizations ,
- The validity of the offer should be for 4 months,
- Delivery period should be mentioned,
- Details on installation, commissioning and training must be specified,
- Preferred method of payment will be through Letter of Credit (LC) or RTGS or Electronic Fund Transfer (EFT) / Wire Transfer (WT) ,
- The details of recipient of payment LC / EFT/WT should be given clearly,

- **Discount/Rebates:** A special discount/rebate wherever admissible keeping in view that supplies are being made for educational and research purpose in respect of public institution of national importance may please be indicated.

- **Rejection:**
  (a) Quotations not conforming to the set procedure as above would be rejected.
  (b) Incomplete and conditional tenders would be summarily rejected.
  (c) IIT Delhi reserves the rights of acceptance or rejection of any or all quotations without assigning any reason thereof.

- The last date for receipt of the quotations is **13th December 2013, 4 pm**

Sealed quotations shall be submitted to:

Dr. K. Ramachandra Rao
Associate Professor and Officer In-charge
Transportation Engineering Laboratory
Department of Civil Engineering
Indian Institute of Technology Delhi
Hauz Khas, New Delhi – 110016, India