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:** Rolling Thin Film (RTF) Oven

**Quantity:** One

**Technical Specifications:**

- Oven should confirm to ASTM D2872 / AASHTO T240,
- The oven should be doubled walled with corrosion resistance and welded steel exterior with high density fiber glass insulation.
- Oven should have a flow meter, a moisture indicator, and an air pressure gauge with regulator,
- Oven’s external frame and internal chamber should be of stainless steel made with insulated fiberglass intermediate chamber,
- Double exhaust vents for dissipation of expanded volatile from specimen
- The circular test rack should be able to hold eight RTFO glass containers (64×140) and rotate at 15rpm
- Oven should be provided with a large glass door for inspection,
- The oven should be supplied with precision digital thermostat to maintain 163°C as test temperature, with an accuracy of ±0.5°C, also the oven should have suitable mechanism to maintain temperature of chamber in the range of ambient to at least 200 °C
- The oven should be equipped with a dual safety thermostat to prevent overheating,
- Display: Minimum 4 digit LED type for set point and actual
- 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 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 12th November 2012, 5 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