

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

31<sup>st</sup> October 2011

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

**Item:** Dipstick Road Profiler

**Quantity:** One

**Technical Specifications:**

- It should have an accuracy of 0.02 mm or more per step
- Inbuilt software to build a table of elevation data, instantly display the graph of the surface profile as well as the IRI (International Roughness Index).
- The software should be able to generate graphic and tabular 'Rut Depth' report from transverse profile data.
- It should be supplied with a variable foot spacer bar that allows collection of data at 75mm, 100mm, 150mm and 200mm
- The Dipstick road profiler should have on-board computer which should be a color touch-screen and keyboard interface palmtop PC running with Windows ® operating system
- PCMCIA Flash Card reader to be included
- Includes Pocket Word®, Pocket Excel® and Pocket PowerPoint®
- It should be able to Create ASCII elevation files from all data in seconds
- 'Drag and Drop' downloading to desktop or laptop computer
- IRI, Rut Depth, Half-Car IRI, gap under the straightedge and many other roughness indices should be calculated on-site
- Automatic zeroing
- Adjustable beeper volume
- Rechargeable on-board power system to power the dipstick and computer for more than 10 hours.

**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.
- Three names and addresses and emails of current users are to be provided along with the quotation
- 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
- IIT Delhi reserves right to accept/reject any or all quotations without assigning any reason
- The last date for receipt of the quotations is **15<sup>th</sup> November 2011, 5 pm**

**Sealed quotations shall be submitted to:**

Dr. Kalaga 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