

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

31st 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 **30th 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