

**Department of Computer Science and Engineering
Indian Institute of Technology Delhi**

Notice Inviting Quotations

Subject: Purchase of a Laser Range Scanning and Probing system with portable CMM and accessories

4 September 2012

Interested parties are requested to submit separate technical and commercial quotation for each option A and C in sealed envelopes to the undersigned in Computer Science and Engineering office latest by 5PM on 25 September 2012.

Laser Range Scanning and Probing system (Quantity one) with the following specifications

Option A:

- **Line Scan Speed:** 50 lines/second or better
- **Field of View**
 - **Depth of field:** 100 mm or better
 - **Stripe width:** 125mm or better
- **Accuracy:**
 - **Scanning:**
 - a) Laser scanning accuracy : 0.025mm or better
 - b) Portable CMM/Tracker accuracy : 0.065mm or better
 - c) Combined effective accuracy : 0.09mm or better
 - **Probing:**
 - a) Probe accuracy : 0.005mm or better
 - b) Portable CMM/Tracker accuracy : 0.065mm or better
 - c) Combined effective accuracy : 0.07mm or better
- **Depth Resolution:** 0.015mm or better
- USB Interface
- Export of scanned models to open standard formats and with required software

Option B:

- Same as Option A
- Gives Color Information

Accessories

- All required accessories such as Portable CMM, tripod stand, cables etc. should be included.

Terms and Conditions:

- For imported items, quotation in foreign currency may also be provided
- The sealed cover should contain separate quotations for 'technical bid' and 'commercial bid' in two separate envelopes with Option number labeled on top. Anyone quoting for all two options will have four envelopes. Kindly put all envelopes in a big envelope before sending to the undersigned.
- The institute reserves the right to purchase both/either/none of the options.
- Payment will be made on installation and verification.
- Institute reserves the right to accept or reject any quotation without assigning any reason.
- If necessary the vendor may be asked to give a demonstration of their products.
- The validity of the quotation should be at least six months.
- The prices should be quoted FOB.
- Delivery schedule should be mentioned.
- Any other terms must be clearly mentioned.

**Prof. Prem K. Kalra/
Dr.Sumantra Dutta Roy**

Distribution:

1. AR(SDS)->To put the advertisement in IITD website & NIC E-procurement portal.