

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NIQ No. 2011-12/CSE/IRD/03

## NIQ for 3D Laser Scanner

Due Date 09.12.11

Sealed Quotations are invited for purchase of 01 No. Handheld/Portable laser scanner that can provide complete scans of large areas without significant set-up procedure. In particular we need the following:

### OPTION A

- (i) Depth resolution less than 1mm at 1 meter
- (ii) Accuracy better than 0.75 mm at 1 meter
- (iii) Access to raw scans
- (iv) Access to data in memory through a library API
- (v) Export of scanned models to standard formats like wavefront obj, 3D studio, ply, stl etc.
- (vi) Allows scale measurements
- (vii) Line scanning: at least 50 lines/second,
- (viii) USB Interface

### OPTION B

- (i) Depth resolution less than 0.5mm -- at 1 meter
- (ii) Accuracy better than 0.5mm -- at 1 meter
- (iii) Access to raw scans
- (iv) Access to data in memory through a library API
- (v) Export of scanned models to standard formats like wavefront obj, 3D studio, ply, stl etc.
- (vi) Allows scale measurements
- (vii) Line scanning: at least 50 lines/second,
- (viii) USB Interface

OPTION C: OPTION A with color

OPTION D: OPTION B with color

### Eligibility Criteria for Bidders

- (i) Only INR bids will be accepted.
- (ii) The bidder must provide verification and demonstration of all features and specifications
- (iii) The bidder must be a reputed OEM or his authorized system integrator. For that a letter of authorization from OEM specific to the tender should be enclosed.
- (iv) The bidder should have been solvent for the past 3 financial years, and bidder should be in profits (Documentary proof required).
- (v) The bidder shall provide the Regn. Number of the firm alongwith CST and PAN No.
- (vi) Bid should be in INR only.

(vii) Complete bill of material to be attached with Technical Bid.

(viii) Technical Compliance chart should be strictly attached with Bid.

Terms and conditions:

1. Sealed quotations with technical and financial bids in separate envelopes must reach the office of HOD, Deptt. of CSE, IIT Delhi positively by 09th December, 2011 by 5.00 PM
2. Warranty should be mentioned clearly.
3. Payment will be processed after successful installation as per IIT Norms.
4. Quotations not sent in separate covers for technical and commercial bids are bound to be rejected.
5. IIT Delhi Reserves the right to accept or reject any quotations without assigning any reasons thereof.

(Prof. Prem Kalra)