

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF CIVIL ENGINEERING

Bharat Lohani, PhD

Associate Professor

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19 January 2012

Enquiry No. IIT/CE/GI/BL/01-2012

Opening date: 19 January 2012

Closing date: 29 January 2012

Invitation for quotation

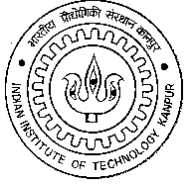
We are planning to procure the following items. Please send your quotation for item with following or equivalent specifications:

Item details:

1. Phase based laser scanner with operating and data processing software:
 - a. Field of view horizontal 360°
 - b. Field of view vertical 300°
 - c. Variable measurement speed from 120,000 to 850,000 points / sec
 - d. Ranging error ± 2 mm at 10m
 - e. Range noise 0.75mm at 10m for 90% reflectivity and 1.5mm for 10% reflectivity
 - f. Range 0.75m to 100m with 90% reflectivity and normal incidence
 - g. Both indoor and outdoor operation
 - h. Integrated digital camera of 50MP or better resolution
 - i. Step size both horizontal and vertical 0.01° or better
 - j. Control of operation should be either through Wifi/WLAN PAD or direct touch screen
 - k. WiFi (WLAN) remote control should be possible
 - l. Data storage in SD, SDHC, SDXC cards
 - m. Should come with dual axis compensator with accuracy 0.010°
 - n. Additional features like GPS integration, compass integration, are preferable
 - o. Light weight scanner below 8kg preferred
 - p. Accompanying software should process initial point cloud, align scans, integrate RGB with point cloud and facilitate measurement over data and image.

Terms and conditions:

1. The quotation must reach the undersigned in a sealed envelope on or before 5 PM, 29 January 2012.
2. Quotation to be sent in hardcopy with each paper properly signed and stamped.
3. Indicate separately where you differ from aforesaid specifications and in what manner.
4. Add educational discount in the cost and show it in quotation.



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5. Add proprietary certificate if applicable.
6. Quotation should be valid for 45 days.
7. Mention warranty period and rate to obtain extended warranty.
8. If the weight of item is less than 5 kg do not include shipping charge, as our FedEx agent will collect it. In otherwise case add shipping charge with FOB to nearest Airport.
9. Send quotation with relevant product details, white paper etc.
10. The quantity mentioned in this enquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute.
11. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Thanking you.

Sincerely,

(Bharat Lohani)