



**Dept. of Applied Mechanics,
Indian Institute of Technology Madras
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Asso. professor

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Date: 24.10.13

Ref. No.: APM/AARO/2013/ENQ1
2D Digital Image Correlation Software

Dear Sirs,

DUE DATE: 15.11.13

1. Quotations are invited in duplicate for the various items shown in Enclosed list (Annexure - I).
2. The Quotations duly sealed and super scribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The Quotations should be valid for sixty days from the due date and the period of delivery required, warranty terms etc. should also be clearly indicated. A minimum of one year warranty required.
4. Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided.
5. Compliancy certificate is to be provided indicating conformity to the technical specifications.
6. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
7. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples / machine/ equipment if called for should be submitted / demonstrated at free of charges, and collected back at the supplier's expenses.
8. Packing and delivery charges must be clearly indicated.
9. The rate of sales / General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales / General Taxes will be admitted at any stage and on any ground whatsoever The taxes leviable should take into consideration that we are entitled to have concessional Sales Tax applicable to non Government Educational Institutions run with no profit motive for which a concession. Sales Tax Certificate will be issued at the time of final settlement of the bill.
10. Goods should be supplied carriage paid and insured.
11. Goods shall not be supplied without an official supply order.
12. Payment: Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.
13. In case of LC. payment, 90% of the payment will be made after completion of the supply. The balance 10% of the payment will be made after satisfactory installation of the software.
14. IIT Madras is exempt from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. IIT Madras will make necessary arrangements for the clearance of imported goods at the Airport/Seaport. Hence the price should not include the above charges.
15. **Acceptance and Rejection:-** I.I.T. Madras has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

Yours faithfully

Dr. A.Arockiarajan, Department of Applied Mechanics.

ANNEXURE – I

Ref.. No.: APM/AARO/2013/ENQ1

Date: 24.10.13

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SL. NO.	DESCRIPTION	QUANTITY
1	<p align="center">2D Digital Image Correlation Software</p> <p>IIT Madras is looking for well reputed manufacturers of DIC System, with an excellent back up of Technical Support from the Local Technical Representative.</p> <p>IIT Madras will provide Point Grey GRAS-50S5M-C camera and NI Daq 6251.</p> <ul style="list-style-type: none"> - The image acquisition software must support the PGR Camera and USB NI Daq 6251. - Vendor must integrate the software with the camera provided by IIT. - Full-field measurement of X , Y Co Ordinates and in plane displacements. - $\epsilon_{xx}, \epsilon_{yy}, \epsilon_{xy}$ and Principal Strain with resolution of 50 $\mu\epsilon$ or better. - Test plots should be available in jpeg and avi format. - Extraction of data at a point, line and area in csv format. - Transfer of entire data to Matlab. - Provision for user to define custom variable. - Math operation. - Capture of analog signals in synchronous with the images. - List of users in India especially IIT's where similar systems are used. - Software must be provided in a USB Dongle with the user manuals. - Warranty:- 1 year. 	1

Note:

The sealed quotation to be sent to

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Tamil Nadu, India