



**Department of Aerospace Engineering
IIT Kanpur**

Sep 20, 2013

Quotation request notice - Extended

The last date to submit the quote for the following enquiry is extended till Oct 09, 2013.

(Enquiry No - IITK/AE/R_Kitey/22)

Sealed quotations are invited from dealers/distributors by the undersigned for a complete 'Experimental setup to conduct Unsymmetrical Bending and Shear Tests'. The technical and commercial bids should be submitted in separate envelopes to the Department of Aerospace Engineering, IIT Kanpur by 04.10.2013.

Enquiry No.: IITK/AE/R_Kitey/22
Opening date: 0900hrs, 20.09.2013
Closing date: 1800hrs, 04.10.2013

Unsymmetrical Bending and Shear Tests : Set-up Details

A cantilever beam with asymmetric cross section, clamped at one end, is to be loaded at the free end for performing asymmetric bending and shear measurements. The set-up should fulfill following requirements.

1. The set-up should be suitable to perform both shear center and principal axis analysis. The quotation should be for a complete (ready-to-use) set-up inclusive of all fixtures and measuring devices.
2. The set-up should be versatile to conduct tests on beams of various cross-sections such as 'C', 'L', and 'Z' sections (including a symmetric circular and square cross-sections)
3. There should be a mechanism to rotate the specimen about its longitudinal axis so that the in-plane loading direction can be gradually varied (and measured).
4. Instruments should be supplied and mounted with the set-up for accurately measuring beam deflection in mutually perpendicular directions.
5. Representative test results to determine the shear center and the principal axes direction should be included in the technical quote which needs to be demonstrated (repeated) during the set-up installation.

Terms & Conditions of the quotations are as under:

1. The equipment (or the set-up components) will be selected purely based on the technical specifications (within the budgetary constraints).
2. The quotations should be submitted in the properly sealed envelope, addressed to the undersigned. The enquiry no., technical/commercial quote and date should be mentioned on the top of the envelope.

3. The time allowed for carrying out the above note work is 15 days.
4. The quoted price should be inclusive of sales tax and other taxes including freight charges (if any).
5. The quotations shall remain valid for two months from the date of opening.
6. Commercial quotes will be opened only if the technical specifications mentioned in this tender are fulfilled. The Institute reserves the right of accepting or rejecting any quotations without assigning any reason thereof.

Your early response in this matter would be highly appreciated.

Sincerely,

Dr. Rajesh Kitey
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