



# Department of Civil Engineering

## National Institute of Technology, Kurukshetra

No. CED/Soil/NITK/2017/ 260

Dated: - 27.02.2017

M/s. Institute website

### SUBJECT: INVITATION OF QUOTATIONS FOR PURCHASE OF COMPUTERISED DIRECT SHEAR TEST APPARATUS.

1. You are invited to submit your most competitive quotation for the following good(s):

Sr. No.	Brief Description & Specification of Goods	Quantity	Delivery Period	F. O. R.
1.	Computerized Direct Shear Test Apparatus (Specification Attached)	01 No.	4-6 Weeks	N.I.T. Kurukshetra

2. Necessary Literature of the goods may please be sent to facilitate to take decision.
3. All duties, taxes and other levies payable by the Institute shall be included in the total price. This Institute does not issue Form C or D.
4. Payment will be made Online through RTGS/NEFT within 30 days after receipt of material in good condition and according to specifications. The bank detail for making online payment may be indicated in the quotation.
5. The item must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period @ 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%.
6. The goods are not required exclusively for Research Purpose. The Duties are payable by the Institute.
7. The quotation should remain valid for a period not less than 45 days from the date of submission.
8. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.
9. The due date of receipt of Quotation is **17.03.2017** and will be opened on next working day. Please quote on the top of the envelope our Reference No. and due date of opening.

  
INDENTOR

<b>Computerised Direct Shear Test Apparatus</b>		
<b>S. No.</b>	<b>Part</b>	<b>Specifications</b>
a)	Operation	Motorised
b)	Strain rate	Ranging from 0.002 to 1.25 mm/min
c)	Specimen size	Square size, 60 x 60 x 25 mm thick
d)	Shear box assembly and shear box housing with two linear bearing case with steer ball	Halves of the shear box (2 nos.), plane gripper plate (2 nos.), perforated gripper plate (2 nos.), porous stone (2 nos.), top loading pad (1 no.) and base plate (1 no.)
e)	Provision of electronic outfit with computerised apparatus for providing compression-tension upto 2 kN and for measurement of horizontal and vertical displacements upto $\pm 20$ mm, data acquisition system and direct shear test software compatible with windows operating system.	
f)	Accessories: specimen cutter, set of calibrated surcharge weights of different magnitudes to attain normal stress upto 4 kg/cm <sup>2</sup> and any other item (consumable and non-consumable) required for smooth functioning of apparatus.	