

## NOTICE INVITING QUOTATION (NIQ)

Date: 27.09.2019

Sealed quotations on company letterhead are invited for the purchase of following item by IIT Delhi confirming to technical specifications and terms and conditions as given below:

### Technical Specification for the Purchase of Equipments

| Items and its Description   |
|---|
| <b>RETRACTABLE HYDAULIC JACK OF CAPACITY 50 KN</b>  |
| <p><b>1. Retractable Hydraulic Jack Capacity-50kN</b><br/><b>Specification:</b><br/>Stroke-200mm suitable for loading from top to bottom, supplied with 2-3meter hose to connect to hydraulic pumping unit. A retracting spring is incorporated in the jack and ram assembly which pulls the ram back in to jack cylinder after release of load</p> <p><b>2. Microprocessor based Touch Panel Display &amp; Control System with Load cell (Capacity-50kN) and Displacement Transducer (Range-200mm)</b><br/><b>Specification:</b></p> <ul style="list-style-type: none"><li>• Microprocessor based touch panel control provides the digital servo control, ramp generation for machine, data acquisition etc. for continuous operation of the system</li><li>• Menu driven interface</li><li>• Facility to perform various operations such as TARE, PROGRAMMING, START, STOP Etc. from touch panel display Programmable rate of loading and sample parameters</li><li>• Standalone system to operate the jack without computer</li><li>• Automatic pace rate control at pre-set value</li><li>• On-Line display of Load, Displacement and Peak load</li><li>• Test results can be stored in the electronic unit with unique record no. and can be retrieved</li><li>• Transmission of Data to computer through Ethernet/USB/RS232 Port.</li><li>• Supply input: 220-240 VAC, 50 Hz. Note- System is supplied with necessary software for data acquisition, analysis and graph plotting.</li></ul> |

#### TERMS AND CONDITIONS:

- ❖ The technical bid and price bid should be packed and sealed separately. If the technical bid and price bid are in a same envelope, then the bid would be treated as invalid.
- ❖ The product catalogue should be attached with technical bid and particular product with technical specification should be marked in the catalogue. If the product catalogue is not attached with technical bid, then bid would be treated as invalid.
- ❖ Cost should be on CIF at IIT Delhi, New Delhi basis. The rate quoted should be inclusive of installation, commissioning, training required and one year of maintenance. Service support should be provided at no additional cost for a period of at least 12 months.
- ❖ IIT Delhi reserves the right to accept or reject any or all quotations without assigning any reason.
- ❖ Warranty terms must be clearly stated in the bid.
- ❖ The last date for receiving the quotation is October 07, 2019 (5:30 PM).
- ❖ The validity of quotation should be three months.
- ❖ All the calibration charts of the instruments should be supplied at the time of instrument delivery.
- ❖ The maximum time for delivery of the instruments in running condition is 45 days from the date of placing the order.

*Bappaditya Manna*

(Dr. Bappaditya Manna)  
Associate Professor  
Civil Engineering Department  
Indian Institute of Technology Delhi  
Hauz Khas, New Delhi-110016