

**Civil Engineering Department
IIT Delhi, Hauz Khas, New Delhi -16**

NOTICE INVITING QUOTATION (NIQ)

Date: 06 th January, 2014

Sealed Quotations are invited in Indian Rupees (INR) from well-known MNCs or their authorized representatives for supply of **Digital Confining High Pressure Controller Unit** conforming to technical specifications and prescribed terms & conditions as given hereunder. Interested parties are required to submit their technical and commercial bids in separately sealed envelopes and marked respectively as "**Technical Bid**" and "**Commercial Bid**" on the outside. The NIQ should be addressed to Prof. K. S. Rao and submitted in Department of Civil Engineering, IIT Delhi, Hauz Khas, New Delhi – 110016 latest by **5:00 PM on February 21, 2014**.

Technical Specification

Digital Confining High Pressure Controller Unit

Pressure Application -1-100 MPa

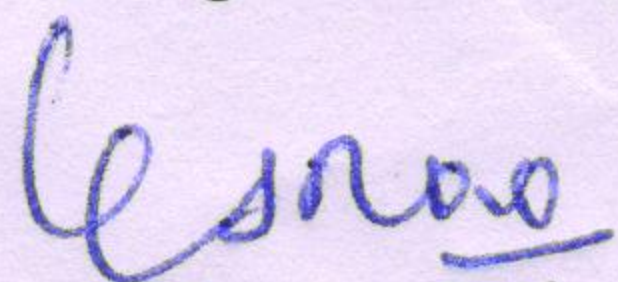
- Digital high pressure Controller are designed to maintain confining pressure at the set value with the help of servo valve on PID closed loop feedback principle.
- Sensing back is from a sensitive pressure transducer of capacity 100 MPa.
- High pressure is maintain within the range of $\pm 2\%$ irrespective of any deformation that place during testing of specimen.
- A series of relay are provided for automatic actuation of the main pumping unit depending upon the volume change in the specimen.
- Digital Confining High Pressure Controller Unit can be operated by same hydraulic power pack.

Terms and Conditions:

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- ❖ **The technical bid with Catalog detail specification 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 technical bid without supporting catalogue will also 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 two year of service / maintenance.
- ❖ The training and installation will be done by company engineers. Payment will be made after the successful installation and training of IIT Delhi Staff by company engineers.
- ❖ Warranty terms must be clearly stated in the bid.
- ❖ The last date for receiving the quotations is February 21, 2014 (5:30 PM).
- ❖ The validity of quotation should be three months, from the last date of receiving quotation.

Quotations should be submitted to:



(Prof. K. S. Rao)

Convener of PFC

Geotechnical Engineering Laboratory (Block – V, Room No. 223/ 113)

Civil Engineering Department IIT Delhi