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 Triaxial cell attachment for rock (Digital Pressure Controller) 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

Triaxial cell attachment for rock (Digital Pressure Controller)
Pressure Application -0.01- 5 MPa

-Digital 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 5 MPa.
- Controller is run by stepper motor and operated panel provided on it.
-The back pressure value from 0.1 kg/cm2 -50 kg/cm2 is programmed through panel and same has been maintained on feedback taken from pressure sensor by movement of the stepper motor.
- Pressure value is maintain within range ± 2% of programmed value.
- Volume displacement in one filling is approximately 200cc.
- The pressure range: 0.1 kg/cm2 -50 kg/cm2
-Volume Capacity: 200 cc
-Controlling Capacity: ± 2% of programmed value

Terms and Conditions:

TERMS AND CONDITIONS:

- **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:

KS Rao

(Prof. K. S. Rao)
Convener of PFC
Geotechnical Engineering Laboratory (Block – V, Room No. 223/ 113)
Civil Engineering Department IIT Delhi