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

NOTICE INVITING QUOTATION (NIO)

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 NIO 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:

❖ 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:

[Signature]

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