

NOTICE INVITING QUOTATION (NIQ)

Date: 23/12/2013

Sealed quotations on company letterhead are invited from reputed manufactures in India, abroad or their authorized suppliers/ dealers and service agents in India for the supply of the *Servo-controlled hydraulic actuator (500 kN capacity)*. The quotation must provide detailed information of the configuration and specifications of the items as well as price and terms and conditions of the payment. The quotation should mention the total cost of equipment, delivery, installation and commissioning and demonstration at IIT Delhi site.

The quotation should be submitted on or before 6th January, 2014 by 5:00 PM in the office of the **Head, Department of Civil Engineering, Room No. 221, Block No. IV, Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110 016 (INDIA)**. The validity of the submitted quotation must extend up to at least three months. **Interested parties are required to submit their technical and financial bids in separately sealed envelopes and marked respectively as "Technical Bid" and "Financial Bid" on the outside.** The two envelopes should be enclosed inside a single large envelope and marked, **"ATTN: Dr. Dipti Ranjan Sahoo, Sealed Quotation for Servo-controlled hydraulic actuator (500 kN capacity) to be opened by Purchase Committee"**.

Sr. No.	Item Name and Specifications	Quantity
1.	<p>Structural Actuator Assemblies</p> <p>1.1 Rated flow capacity: 10 gpm (37 lpm) - Four port servo-valve; Two stage, Four way operation</p> <p>1.2 Axial Load Cell - Full Scale: 500 KN; Ranges: +/-Full Range; Polarity: COMPRESSION is Positive</p> <p>1.3 Actuator (Stroke= 500 mm; Tension = 445 kN, Compression= 650 kN) - Single-ended heavy duty, fatigue-rated force generators targeted at long stroke - Mid-level performance dynamic structural applications - Compatible with MTS' feedback and control components - Performance ideal for low frequency testing and simulation applications - Low internal friction for reduction in hydraulic power and distribution - Compatible with MTS accessories - Tough polymeric Duralon bearings - High performance double seal arrangement and drain line to protect from oil leaks - Polane paint and chrome piston rod protects actuator surfaces from environmental attack - Central axial placement of optional displacement transducer for higher accuracy</p> <p>1.4 Temposonics G series displacement transducer</p> <p>1.5 SWIVEL Assembly - BASE END, 500 kN capacity</p> <p>1.6 SWIVEL Assembly - ROD END, 500 kN capacity</p>	<p>01 No.</p> <p>01 No.</p> <p>01 No.</p> <p>01 No.</p> <p>01 No.</p> <p>01 No.</p>
2.	<p>Specifications for Hydraulic Distribution System</p> <p>2.1 Hose Set 15m (50 ft) long - ORFS to 37 deg. JIC -12 pressure, return, -8 and -6 drain</p> <p>2.2 Hydraulic Service Manifold OPTIONS - Additional Sub Station Module</p>	<p>01 Set</p> <p>01 No.</p>

