

INDIAN INSTITUTE OF TECHNOLOGY, DELHI
Department of Mechanical Engineering

July 17, 2013

Notice Inviting Quotation

Sealed technical and commercial quotations are invited for purchase of **Electro-Hydraulics Training System** as per below mentioned specifications:

S.No.	Items	Qty
1.	<p>Basic Electro-Hydraulic Trainer System with following components:</p> <ul style="list-style-type: none"> i) Pressure relief valve – 1 no. ii) 2 way flow control valve – 1 no. iii) One way flow control valve – 1 no. iv) Non-return valve, 0.6Mpa opening pressure – 1 no. v) 4/2 way solenoid valve, spring return – 1 no. vi) 4/3 way solenoid valve, closed mid position – 1 no. vii) 4/2 way double solenoid valve, detenting – 1 no. viii) Shut off valve – 1 no. ix) Hydraulic cylinder assembly (with mounting kit and dead weight) – 1 no. x) T – Distributors – 2 nos. xi) 4 - way distributor with pressure gauge – 1 no. xii) Pressure gauge – 2 nos. xiii) Pressure switch, Electronic – 1 no. xiv) Relay, three fold – 2 nos. xv) Signal input, electrical – 1 no. xvi) Limit switch, electrical, left actuated – 1 no. xvii) Limit switch, electrical, right actuated – 1 no. xviii) Proximity switch electronic – 2 nos. xix) Hose line with quick release couplings 600 mm - 7 nos. xx) Hose line with quick release couplings 1000 mm – 2 nos. xxi) Hose line with quick release couplings 1500 mm – 4 nos. xxii) Complete set of 90-100 pcs. electrical cables with 4 mm safety plugs in red and blue colour xxiii) Aluminum profile plate 700 x 1100 mm xxiv) Hydraulic power unit – 0-60 bar, 2.5 lpm, 5 liter tank, compact design, operate from single phase AC, xxv) Frame mount power supply unit – Input 85-265V AC, Output 24V DC, 4.5A current, Short circuit proof. xxvi) Electrohydraulic Text Book and Work Book – 1 each. 	1 Set

Terms and Conditions:

1. Commissioning support at IIT Delhi will be provided along with the system.
2. Payment terms: As per IIT norms.

3. Technical compliance chart should be strictly attached with the bid.
4. All quoted hardware should be of same make and compatible with each other.
5. Bid has to be submitted for supply of all items. No partial quotation or supply will be acceptable.
6. Warranty should be 1 years.
7. All supplies should be complete within 8 weeks.
8. Quotations not sent in separate covers for technical and commercial bids are bound to be rejected.
9. Quotation validity should be minimum 60 days.
10. IIT Delhi reserves the right to accept or rejects any quotation without assigning any reasons thereof.

The quotations may reach the following on or before **31st July 2013 up to 5.00PM.**

Dr. Sunil Jha
Associate Professor
Department of Mechanical engineering
Room No. 156, Block III
IIT, Delhi, Hauz Khas, 110016, New Delhi