Indian Institute of Technology, Delhi  
Centre for Energy Studies  
Notice Inviting Quotation

We are interested in purchasing a pressure feedback control system which will include the following components and their specifications:

**Downstream Throttle valve specifications [Qty: 1 no.]:**
- Differential pressure across valve: 1 atm (max)
- Flange: ISO 63 (bolted)
- Valve thickness: 25 mm
- Flapper O-ring: Viton required
- Controllable Conductance: 0.5 l/s (min) to 375 l/s (max)
- Closed leakage: < $10^{-7}$ Torr-l/s
- Operating temperature: Room Temperature
- Other: with two compatible centre-ring –O-ring

**Capacitance manometer specifications [Qty: two nos.]:**
- Pressure range: at least upto 1 Torr
- Measurement range: at least 3 decades below full scale
- Flange: KF 16
- Accuracy: at least ± 0.5 % in entire range
- Resolution: < 0.01 % of full scale
- Operating temperature: Room Temperature
- Other: Compatible Centre-ring-O-ring and clamps

**Electronic feedback controller [Qty: 1 no.]:**
- Compatibility: Must be compatible to both the downstream throttle valve and the capacitance manometers
- Controller repeatability: at least ± 0.5% of F.S.
- Readout: Both pressure and valve position indication required
- Operating Voltage: 240V AC, 50Hz

**TERMS AND CONDITIONS:**
- Kindly give your quote on CIF basis
- Quotations should be valid for at least two months from the date of issue
- Applicable taxes should be explicitly mentioned
- Specify other terms and conditions such as payments, delivery, warranty etc.
- Institute reserves the right to reject any quotations without assigning any reason thereof

Please submit your technical bid and commercial bid separately in a sealed envelope for the above items. Your quotations should reach at least by November 4, 2011 by 5:00 p.m. (IST) by post/courier at address given below:

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