

**Department of Mechanical Engineering
 Indian Institute of Technology, Delhi**

Date: 01-03-2012

Sub: NOTICE FOR INVITING QUOTATIONS (NIQ) FOR PRESSURE (Piezoelectric) CUM TEMPERATURE SENSOR (PT-Sensor) WITH CHARGE AMPLIFIER

Department of Mechanical Engineering, IIT New Delhi requires PRESSURE (Piezoelectric) CUM TEMPERATURE SENSOR (PT-Sensor) WITH CHARGE AMPLIFIER AND ACCESSORIES. The specifications of the same are described below. Kindly send Technical and commercial bids for the same in separate sealed envelopes. Your bids must reach the address given below on or before **15-03-2012**.

Specifications of Components:

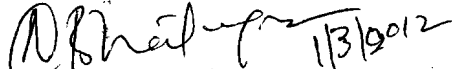
S. No.	Name of item	Specifications	Qty.
1.	Pressure cum temperature sensor (Piezoelectric)	Probe Dia = 1.5 to 2.5 mm, Length = upto 25 mm \pm 10%, Pressure range 0 – 2000 bar, Temperature range (max) 400 - 500 degC. Suitable for measurement of injection mold cavity pressure (thermoplastic).	01
2.	Charge and Temperature Amplifier	Suitable and compatible with Pressure cum Temperature Sensor (Piezoelectric) listed above in S.No. 1. Data output should be in proper format to be captured by data acquisition hardware.	01
3.	High temperature extension cable for pressure cum temperature sensor	Suitable and compatible with items listed as S.No. 1 and 2, Temperature range up to 200degC.	02
4.	Mounting and Extraction tools	For mounting and removal of pressure cum temperature sensor (item listed as S.No. 1) from mold cavity.	1
5.	Dummy Sensor	Same in size and shape as the original sensor (items listed as S.No. 1). Must be able to withstand mold cavity pressure and temperature that may be as high as 1600 bar and 250 deg.	02

Terms and conditions covering submission of quotations:

Supply all technical specifications and model number.
 Kindly quote the rates for F.O.B New Delhi prices.
 Validity of the quotation should be at least for a period of three months.
 Clearly indicate whether the prices are inclusive of all taxes. Otherwise indicate all taxes separately.
 Letter from manufacturer to be attached for authenticity of dealership/agency.

Payment terms:

Letter of credit OR Wire Transfer after receipt of material
 IIT Delhi reserves rights of acceptance or rejection of any or all quotations.
 Quotations should be sent to


Professor Naresh Bhatnagar
 Department of Mechanical Engineering
 Indian Institute of Technology, Delhi
 Hauz Khas, New Delhi -110016, India.

✓ → To webmaster (for upload on IITD website)