Dr. S. Sarkar
Professor

DEPARTMENT OF MECHANICAL ENGINEERING

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Date:28.01.2013

Enquiry letter for purchase of Hotwire

Enquiry No: ME/SS/2013/001

Sub: **Quotation for supply of Single wire – 02 Nos. and Cross wire – 04 Nos.**

Sir / Madam,

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover. Specifications are given below:

1D Wire (Single Wire)

Material - Tungsten
Plating - Platinum
Prongs - Stainless Steel
Sensor Diameter - 5µm
Sensor Length - 1.250mm
Active Sensor Length - 1.25mm
Resistance - 3.400 Ohms
Resistance Deviation 25%
Temperature Coefficient of Resistance - 0.360%
Leads Resistance - 0.5 Ohms
Maximum sensor temperature - 300^0C
Maximum Ambient Temperature - 150^0C
Maximum Overher ratio - 0.8

2D Boundary Layer Cross Wire Probe Nos. 55P63 – 2 Nos. and 55P64- 2 Nos.

55P63 is a X-array probe, 90^0, sensor plane parallel to probe axis.
55P64 is a X-array probe, 90^0, sensor plane perpendicular to probe axis

The above cross wires should be compatible with 55H25 holder

Material - Tungsten
Plating - Platinum
Prongs - Stainless Steel
Sensor Diameter - 5µm
Sensor Length - 1.250mm

Active Sensor Length - 1.250mm
Resistance - 3.400 Ohms
Resistance Deviation 25%
Temperature Coefficient of Resistance - 0.360%
Leads Resistance - 0.5 Ohms
Maximum sensor temperature - 300^0C
Maximum Ambient Temperature - 150^0C
Maximum Overher ratio - 0.8

Terms and condition:-

1. **Sealed Quotation must reach to us till 08.02.2013 before 5.00PM**
2. **The closing date has been extended until 13.02.2013, 5.00PM**
3. **Prices should be FOR IIT Kanpur**
4. **Please give your best quotation with educational discount.**

Best regards,

Sincerely,

(SUBRATA SARKAR)
Name of the Indenter / PI
Dept of Mechanical Engg. IIT Kanpur