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**Web Inquiry**

We are planning to purchase a Steam Flow Meter along with a Pressure Reducing Station (PRS) for our sponsored research project. The specification of our requirements are strictly as follows:

**Steam Flow Meter<sup>1</sup>**

1. Mass Flow Rate: 0 to 150 kg/h (at 1 bar absolute)
2. Turndown: minimum 10:1
3. Working Temperature Range: 100 - 200°C
4. Operating Pressure not exceeding 05 bar (gauge)
5. Inlet Condition: As available at outlet of Pressure Reducing Station
6. Pipe line connection: 3/4" (preferably)
7. Capability to show and/or record digitally corrected flow rate, pressure and temperature (least count: 0.2 kg/h; 0.1 bar; 1°C)
8. Accuracy: 2% of measured values or better
9. Repeatability: 0.2% of measured values or better
10. Response Time (sensor): 2 sec or lesser

**Pressure Reducing Station (PRS)**

1. Mass Flow Rate: 0 to 150 kg/h (at 1 bar absolute)
2. Working Temperature Range: 100 - 200°C
3. Inlet Pressure: 5 - 7 bar absolute
4. Inlet Condition: Wet/saturated steam
5. Outlet Condition: Dry saturated steam
6. Desired Pressures at exit of PRS: 1 bar – 5 bar absolute with set-point control
7. Pipe connections: 3/4" (preferably)

The Pressure Reducing Station must include the standard accessories of high quality.

**Technical and financial offers must be packed separately.**

Kindly send hard copy of your offer at the following address before 2<sup>nd</sup> December, 2016. The offer must contain the usual terms and conditions of supply, tax, freight charges, offer validity, warranty, educational discount, delivery period etc. Any other accessory required for the flow meter and PRS must be quoted and described separately along with the main financial offer.

Thanking you,

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<sup>1</sup> Must be initially designed for steam metering application and not a customized one.