

Section 7. Technical Specifications

Item	Quantity	Description
1.	1 No.	<p>Variable Area Flow Meter Type: Metal Tube Variable Area Flow Meter, Accuracy: Class 1.6%, Meter Size: DN50, End Connection: 2 inch ASME 150 LBS (Mounting length - 250 mm). Indication: Via Magnetic Coupling, Indication Type: Analog output, SMART local display, Indicator Housing: Die Cast Coupling, Measuring Cone: SS316L, Flange Material of Connection: SS316L, Float Material of connection: SS316L, Maximum operating Temperature: 200 deg C, Maximum operating Pressure: As per Flange standard, Range ability (Min): 1 : 10, Installation Length: 250 mm, Mounting: Vertical Flow from Bottom to top, Physical data of Fluid: Origin fluid: Bitumen, Density: 945.0 KG/m3, Viscosity: 140-150cSt, Temperature: 200 deg C, Pressure: 5.5 Kg/cm2 abs. Approval: FCC/IC, CE, Ingress Protection: IP67 or better, Transmitter Power Supply: 4-20 mA, 2 wire, 24 V DC, HART comply, Accessories: with integral heating Jacket, Other Tests/certificates: Calibration Certificate -5 point measurement record, Explosion-proof certificate Ex II 2G Ex d IIB T3 Gb.</p>

Terms & Condition:

1. Country _____ of _____ Origin: USA/France/Germany/UK/Switzerland/Netherlands/Japan/Denmark/Norway/Sweden.
2. Third Party Inspection (TPI) by any one of the following inspection agencies
 i) ABS ii) Lloyds iii) Bureau Veritas iv) SGS v) TUV vi) DNV, should be carried out to confirm country of origin, specifications, quality of the flow meter.
3. Relevant inspection reports duly signed by the authorised inspector to be supplied with shipping documents.
4. Technical Brochure should be provided.
5. Third Party Inspection (TPI) charges should be mentioned separately in Price Offer.