



OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT (LOCAL), ISLAMABAD
SCHEDULE OF REQUIREMENT

Material : **MASS FLOW METER**

Due Date:

Tender Enquiry No: **PROC-LD/P&P/17036/17**

Bid Bond Value : 40000

EVALUATION WILL BE CARRIED OUT ON FULL

Attachment(if any) : YES

Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
1	2" , S.S ,600# RF, Coriolis Mass Flow Meter along with Transmitter For Condensate.Accuracy +/- 0.05 % of rate or better. See attachment for details	2		Number					

Special Note:- The prospective bidders also download the master set of Tender Document

- The prospective bidders may keep in touch with OGDCL web site for downloading the clarifications/amendments (if any) issued by OGDCL.
- DELIVERY LOCATION: KUNNAR PLANT, DELIVERY PERIOD:8-12 WEEKS AFTER ISSUANCE OF PO, PAYMENT TERMS: 100% AFT DELIVERY

Discount (if any) shall only be entertained on Schedule of Requirement of Bidding Document (Financial Proposal). If the discount is mentioned elsewhere in the bid, the same shall not be entertained.

Attachment for Indent # KPD/I/05/2017
Sensor Specifications

- Mass / Volume Flow rate Accuracy: +/- 0.05 % of rate or better.
- Mass / Volume Flow Repeatability: +/- 0.05% of rate or better
- Zero stability
- Consistent accuracy at low as well as at max. flow rates
- Density Accuracy: +/- 0.5 to 1 kg/m³ or better
- Temperature Accuracy: +/- 0.5 to 1 degree C.
- Wetted Parts Material: 316L SS
- Process Connection: 2" (50 mm), ANSI 300 lbs., RF Flanged.
- Sensor should include Drain Connection (Purge fittings 1/2" NPT-F)
- Compliance to install in harsh environment -20 to 65C or higher temperature range
- Hazardous Area compliance for Class 1, Division 1, Groups C, D
- IP 67 Protection Class

Process Data

- Pipe Line : 6 and 4 inch Sizes
- Operating Flow Rate: 0 to 3500 barrel / Day (0 to 16,250 kg/hr)
- Operating Pressure: 1100 Psig
- Ambient Temperature: -10 to 50 C

Transmitter Specifications

- Option for remote installation from Sensor
- Comprising of Multi-line / Graphical Display .
- Power: 100 - 230 V AC 50 Hz
- At least one 4-20 mA Analog Output (HART Compatible), one Pulse Output.
- Compliance to install in harsh environment -20 to 65C or higher temperature range.
- Hazardous Area compliance for Class 1, Division 1, Groups C, D
- IP 67 Protection Class

Process Data

- Operating Temperature: 44 C
- Process Fluid: Condensate
- Observe density: 650-700 Kg/M³.
- Viscosity: 0.5 cP

OTHER TERMS AND CONDITIONS:

1. Sizing sheet is required to be submitted by the bidder along with Technical Bid.
2. Factory Calibration Certificate will be provided with delivery of meters. (Multi Point Mass Flow Calibration)
3. Cable Glands for mass meter sensor and transmitters will be provided by the supplier.
4. Delivery period within 8 to 12 weeks after placement of order.
5. OEM Certificate will be provided along with bid.

6. Bidder will confirm that interim key will be provided after receiving the PO, so that system can be made functional.
7. The bidder should have the support/technical assistance of OEM.