

OIL INDIA LIMITED

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Tender No. & Date : KID1894L12/02 04.05.2011

Bid Security Amount : INR 0.00 OR USD 0.00
 (or equivalent Amount in any currency)

Bidding Type : Single Bid (Composite Bid)

Bid Closing On : 07.06.2011 at 14:00 hrs. (IST)
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Performance Guarantee : Not Applicable

OIL INDIA LIMITED invites Limited tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
<u>10</u> 99066844	<p>Flow cum pressure recorder, bellows type, two pen as per the following specifications: Pressure Range: Differential Pressure: 0~100 W.C.; Static Pressure: 0~30 Kg/cm²</p> <p>A. Technical specifications:</p> <p>a) Process System: SS Bourdon operated (Helical type) b) Manometer: Differential pressure bellows Barton Model: 199 or Equivalent (Material of Construction: 316SS) c) Process Connection: 12.7 mm (1/2") NPT (Male) d) Mounting: Suitable for mounting on 60.3 mm (2.3/8") OD pipe screwed to API line pipe threads. e) Case: Rectangular, rain proof with door having locking arrangement suitable for outdoor and post mounting. f) Case material: Die cast aluminium heavily enamelled black g) Chart drive: Mechanical spring driven clock, 24 hours rotation, minimum 7 days wind. h) Chart speed: One revolution /day i) Pens: Dual pen for two pressure range j) Accuracy: ±1% of full scale for static pressure k) Process medium: Natural gas l) Chart: 304.8 mm (12") nominal, circular with marking for differential (Sq. Root) and static pressure (Linear) m) Recording Mechanism: All parts of the recording mechanism should be made of stainless steel. Micrometer adjustment for zero, range and linearity for fast and accurate calibration should be available.</p> <p>B. Accessories:</p> <p>Each recorder shall be complete with the following accessories: a) Charts: 200 Nos. b) Keys for door & clock c) Spare pen arm: 02 No. for each d) Disposable type nib: Blue: 200 No., Red: 200 No. e) Three way manifold with 1/2" NPT needle valves : 2 Nos. with 1/2" NPTF</p>	8	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	process connections		
<u>20</u> 99063251	Two pen pressure recorder 1. Case: Made of die-cast Aluminium alloy and are finished in black polyurethane electrostatic powder paint with high resistance to weathering, scratches, marring and industrial fumes. The door should be hinged to the case with aircraft type hinge to type 302 stainless steel. A closed-cell neoprene gasket, non-absorbent to fluids and resistance to oils should provide the seal between the door and the case having locking arrangement 2. Mounting: Suitable for mounting on 50.8 mm (2 inch) O.D.pipe. 3. Pressure Range: 0- 30 Kg/cm ² & 0- 150 Kg/cm ² 4. Pressure Element: Precision wound helical type Bourdon element, Material 316SS 5. Chart: 12" (300 mm) circular chart with marking for static pressure (linear) 6. Chart Drive: Spring wound chart drive, Minimum 7 day wind. 7. Chart Speed: One revolution every per day 8. Pens: Duel pen for two pressure range 9. Process Medium: Natural gas 10.Process Connection for Pressure: ½" NPT (M), 12.7 mm 11.Accuracy: ± 1% of full scale for static pressure 12.Recording Mechanism: All parts of the recording mechanism should be made of stainless steel. Micrometer adjustment for zero, range and linearity for fast and accurate calibration should be available. 13. Accessories: Each recorder should be complete with the following accessories: a) Charts: 200 nos. b) Keys for door c) Spare pen arm: 1 No for each d) Fibre tip type nib: 10 nos. red &10 nos. blue	3	NO

Special Notes : 1. Bidder must quote for all the parameters serially as specified in TECHNICAL SPECIFICATIONS, otherwise the offer will be rejected.

2. Quotations must be accompanied with original relevant catalogue/literature and drawings; otherwise the offer will not be technically acceptable.

3. All the equipment are to be guaranteed against any manufacturing defects for a minimum period of 12 months from the date of commissioning or 18 months from the date of receipt.

4.Necessary test/calibration certificates, recommended spare parts list for 3(three) years with price must be provided along with the supply.

5. Make and model of the original manufacturer should be given along with the bid.

6. Bidders should be a manufacturer or authorised dealer of items since last 3 years and should produce authorization certificate from original manufacturer along with the quotation.

7. Any variation or non-conformity to the tender specification should be clearly mentioned in the

Technical Check-List (Annexure-A) given in the Tender.

Annexure - A (Format attached in 'Services for Object')

TECHNICAL CHECK LIST

THE TECHNICAL CHECK LIST MUST BE COMPLETED AND RETURNED WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THIS CHECK LIST WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE TICK MARK 'YES' OR 'NO'.

Sl.No Description Compliance (YES / NO) Remarks

1. Pressure Element: Precision wound helical type Bourdon element, Material SS 316. (YES / NO)
2. Manometer: Differential pressure bellows Barton Model-199 or Equivalent, Material of Construction- SS 316 (applicable for item-10 only). (YES / NO)
3. Mounting: Suitable for mounting on 50.8 mm (2 inch) O.D. pipe. (YES / NO)
4. Chart drive: Mechanical spring driven clock, 24 hours rotation, minimum 7 days wind. (YES / NO)
5. Case: Rectangular, rain proof with door having locking arrangement suitable for outdoor and post mounting. (YES / NO)
6. Case material: Die cast Aluminium heavily enamelled black. (YES / NO)
7. Pens: Dual pen for two pressure range. (YES / NO)
8. Accuracy: $\pm 1\%$ of full scale for static pressure. (YES / NO)
9. Process medium: Natural gas. (YES / NO)
10. Chart for Item-10: 304.8 mm (12"), circular with marking for differential (Sq. Root) and static pressure (Linear). (YES / NO)
11. Chart for Item-20: 304.8 (12"), circular chart with marking for static pressure (linear). (YES / NO)
12. Recording Mechanism: All parts of the recording mechanism should be made of stainless steel. Micrometer adjustment for zero, range and linearity for fast and accurate calibration should be available. (YES / NO)
13. Accessories for Item-10: (YES / NO)
Each recorder shall be complete with the following accessories:
 - a) Charts: 200 Nos.
 - b) Keys for Door & Clock
 - c) Spare Pen Arm: 02 No. for each
 - d) Disposable Fibre type Nib: Blue- 200 Nos., Red- 200 Nos.
 - e) Three way manifold with 1/2" NPT needle valves : 2 Nos. with 1/2" NPTF process connections
14. Accessories for Item-20: (YES / NO)
Each recorder should be complete with the following accessories:
 - a) Charts: 200 nos.

- b) Keys for Door & Clock
- c) Spare Pen Arm: 1 No for each
- d) Disposable Fibre type Nib: Blue-10
Nos., Red- 10 Nos.

15. Bidder must quote for all the parameters serially as specified in TECHNICAL SPECIFICATIONS, otherwise the offer will be rejected. (YES / NO)

16. Quotations must be accompanied with original relevant catalogue/literature and drawings; otherwise the offer will not be technically acceptable. (YES / NO)

17. All the equipment are to be guaranteed against any manufacturing defects for a minimum period of 12 months from the date of commissioning or 18 months from the date of receipt. (YES / NO)

18. Necessary test/calibration certificates, recommended spare parts list for 3(three) years with price must be provided along with the supply. (YES / NO)

19. Make and model of the original manufacturer should be given along with the bid. (YES / NO)

20. Bidders should be a manufacturer or authorised dealer of the items since last 3 years and should produce authorization certificate from original manufacturer along with the quotation. (YES / NO)

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Tender issued to following parties only:

Slno	V_Code	Vendor Name	City/Country
1	200106	PROCON ENGINEERS	KOLKATA
2	201027	PROCON CONTROLS PVT. LTD.	KOLKATA
3	203200	UNITEK PROJECT & SYSTEMS	GUWAHATI
4	203963	INTECH CORPORATON	KOLKATA
5	204660	DYNAMIC TECHNOLOGIES	KOLKATA
6	204700	WAAREE INSTRUMENTS LTD.	MUMBAI
7	204743	WIKI INSTRUMENTS INDIA PVT LTD	PUNE
8	205590	ODIN INDIA PVT.LTD	CHENNAI
9	206754	Y2K INSTRUMENTS	KOLKATA
10	207002	GENERAL INSTRUMENTS	GOA
11	207862	ASHCROFT INDIA PVT. LTD.	CHHTRAL
12	208858	CAMERON	KOLKATA