

OIL INDIA LIMITED

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Tender No. & Date : KID2720L17/04 17.10.2016

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 : 22.11.2016 at 14:00 hrs. (IST)
 Bid Opening On : 22.11.2016 at 14:00 hrs. (IST)

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Limited tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
10 99027558	<p>Infra Red Hydrocarbon Gas Detector</p> <p>Specifications:</p> <p>Preamble: The gas detector is intended to be used in an ambience where there is possibility of presence of Hydrocarbon gases. The detector must be explosion proof for continuous monitoring of combustible gases and vapor in the ambient air. The transmitter must be reliable and designed for harsh environment. The specifications are as under.</p> <p>1. Sensor Type: Infra red</p> <p>Principle: Infra red Sensor with double compensated beam i.e. two beams one acting as reference beam and another as active signal beam for unrivalled signal stability and no interference from environmental influence. Non imaging optics, compensation for temperature & ageing.</p> <p>2. Measuring Gases: Flammable gases and vapors.(N.G, LPG & Condensate).</p> <p>3. Accuracy: $\pm 2\%$ FSD</p> <p>4. Repeatability: $\pm 2\%$ at 50% FSD</p> <p>5. Linearity: $\pm 5\%$ FSD</p> <p>6. Pressure Coefficient: 1 % of reading per kPa</p> <p>7. Operating Temperature: -20 0C to 50 0C Operating Humidity : 0-99% RH (non-condensing) Operating Pressure : 80 to 120 kPa (non-compensated)</p> <p>8. Measured value Response time t0...50 :3 seconds t0...90 :5 seconds</p>	8	NO

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	<p>t0...100:6 seconds</p> <p>9. Input Power: 18 to 30 VDC</p> <p>10. Power consumption: < 5 W</p> <p>11. Connecting thread: 3/4" NPT (UL version)</p> <p>12. Enclosure & Weight: SS 316 with IP 66, IP 67</p> <p>13. Weight: not more than 2 kg.</p> <p>14. Out put signal: Fault : <1 mA Warning : 3mA Gas reading : 4-20 mA Over range : 21 mA Inhibit : 2 mA</p> <p>Beam block warning by analog output signal of 3 mA/<1 mA when built up of deposits of the optical surfaces reaches the beam block limit.</p> <p>15. Signal & Features: Should provide 4 - 20 mA signal along with self diagnostics features like detector tag no sensor apt. no, warning; fault etc. in the central controller. HART digital signal: Present.</p> <p>16. Classifications: Class I, Div. I, Group A,B,C & D, ATEX II, 2GD, EEx d IIC T5. IP 66/67. ATEX/UL approved.</p> <p>18. Enclosure type: EEx d flame proof enclosure.</p> <p>19. Expected Service life: > 10 years</p> <p>20. Expected meantime between failures (MTBF): > 5 years</p> <p>21. Approval: CCOE/PESO approval is mandatory.</p> <p>22. Accessories: Each unit should have Sun Shade, FLP double compressed cable gland, Dust Barrier, Weather Protection, Mounting accessories including plate, 2" bracket, Canopy and calibration cap.</p>		

Special Notes : 1)Built in library should be available to select combustible gases. The detector must adjust itself without new calibration to the target gas. Bidder has to confirm the same along with the offer without which the offer will be rejected.

2) The material must be accompanied by one set of Adapter cable compatible to the supplied model for communicating with Hand Held Fisher 375 Hart Communicator. Same to be confirmed by the bidder in the bid.

- 3) The Bid should be submitted in a tabular form stating offered specification vs NIT specifications against each point. Bid in any other form will not be acceptable.
- 4) Bids not accompanied by product catalogue will be rejected.
- 5) All the items have to be guaranteed against any manufacturing defects for a minimum period of 18 months from date of dispatch or 12 months from date of receipt of the items. Bidder must confirm the same while quoting.
- 6) A warranty certificate has to be provided along with the materials.
- 7) Calibration certification of each instrument to be provided along with the item.
- 8) The item is critical to the plant safety CMRI/PESO approval is mandatory. The bidder must provide the requisite certificate along with the material and same to be confirmed during bid.
- 9) Bids from parties other than OEMs, OEM's Joint Ventures, OEM's subsidiarier or OEM's authorised dealers need to provide valid authorization certificate.
- 10) Bidder must indicate the year of launch of the offered models. Obsolete products will not be considered for evaluation.
- 11) The product manual must be in CD and Hard Copy form. Detailed Calibration procedure, Diagnostics etc. must be separately highlighted.
- 12) One hard copy of detail calibration procedure of the Gas Detector have to be provided along with the supplied Materials.
- 13) Guarantee / Warranty certificate for one year will be required along with the supply.
- 14) Validity of offer: 75 days from the date of tender opening. Offer with validity less than 75 days will be rejected.

15. PERFORMANCE GUARANTEE:

Performance Guarantee is applicable against this tender. 10% of the ordered value shall be given as performance guarantee in the form of bank guarantee and shall be valid for 90 days beyond applicable warranty / guarantee / defect liability period (if any). Bidders should undertake in their bid to submit Performance Security as stated above.

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Tender issued to following parties only:

S/no	V _Code	Vendor Name	City/Country
1	201164	UDYOGI PLASTICS PVT. LTD.	KOLKATA
2	201475	MINES SERVICES CORPORATION	ASON SOL
3	203292	PENTAX ENGINEERING PVT.LTD.	MUMBAI
4	203293	BL HEALTH & SAFETY PVT.LTD.	NEW DELHI
5	203427	JOSEPH LESLIE DYNAMIKS MFG. PVT. LT	KOLKATA
6	204114	JOST'S ENGINEERING CO. LTD.	KOLKATA
7	204204	RESPO PRODUCTS	AGRA
8	204315	EMERSON PROCESS MANAGEMENT(INDIA)PR	KOLKATA
9	206209	DETECTION INSTRUMENTS (INDIA) PVT.L	NAVI MUMBAI
10	206706	Tritech	Mumbai
11	206833	ZELLWEGE ANALYTICS	MUMBAI
12	207141	ANACON PROCESS CONTROL PVT. LTD.	MUMBAI
13	208208	INDUSTRIAL SCIENTIFIC ASIA PACIFIC	KOLKATA
14	210238	HONEYWELL INTERNATIONAL INDIA PVT.L	KOLKATA
15	211509	PSPN AUTOMATION	KOLKATA
16	211522	DRAEGER SAFETY INDIA PVT.LTD.	KOLKATA