

OIL INDIA LIMITED  
(A Govt. of India Enterprise)  
Udyan Vihar, Narengi, Guwahati,  
Assam

Fax-91 0361 2643686  
Email-oilmatpl@oilindia.in

**ANNEXURE-I**

**Tender No. : GOD7346L25/3L**  
**Tender Date : 23.08.2024**

Item No./ Mat. Code	Material Description	Quantity	UOM
<u>10</u> 0C000155	<b>INSULATION TESTER 1KV</b> <b>As per Annexure-I</b>	1	NO
<u>20</u> 0C000155	<b>INSULATION TESTER 1KV</b> <b>As per Annexure-I</b>	1	NO
<u>30</u> 0C000155	<b>INSULATION TESTER 1KV</b> <b>As per Annexure-I</b>	1	NO
<u>40</u> 0C000155	<b>INSULATION TESTER 5KV</b> <b>As per Annexure-I</b>	1	NO
<u>50</u> 0C000384	<b>INTRINSICALLY SAFE DIGITAL MULTIMETER</b> <b>As per Annexure-I</b>	1	NO
<u>60</u> 0C000384	<b>INTRINSICALLY SAFE DIGITAL MULTIMETER</b> <b>As per Annexure-I</b>	1	NO
<u>70</u> 0C000384	<b>INTRINSICALLY SAFE DIGITAL MULTIMETER</b> <b>As per Annexure-I</b>	1	NO
<u>80</u> 0C000155	<b>INTRINSICALLY SAFE INSULATION TESTER</b> <b>As per Annexure-I</b>	1	NO
<u>90</u> 0C000155	<b>INTRINSICALLY SAFE INSULATION TESTER</b> <b>As per Annexure-I</b>	1	NO
<u>100</u> 0C000155	<b>INTRINSICALLY SAFE INSULATION TESTER</b> <b>As per Annexure-I</b>	1	NO

**Standard Notes: 1.0 Bidder must keep their offer valid for minimum 75 days from Date of Bid Closing failing which their offer will be straightaway rejected.**

**2.0 Tender no. and Bid Opening Date to be clearly indicated in the envelope.**

**3.0 Your offer should be for delivery of materials at the following address: Offer will be rejected straight way in case offer is not complying the delivery location**

**ITEM NO.10 & 40 TO BE DELIVERED AT**

**Office of Chief Engineer(Ops.)PS.4  
Oil India Limited,  
Pump Station No.4, Sekoni**

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**Tender Date : 23.08.2024**

**P.O. Jakhala Bandha  
Dist.: Nagaon (Assam)  
Pin-782136**

**ITEM NO.30 TO BE DELIVERED AT**

**Office of Dy.Chief Engineer(Ops.)PS.6  
Oil India Limited  
Pump Station No.6, Bongaigaon  
P.O. Bongaigaon-BOC Gate  
Dist.: Bongaigaon (Assam)  
Pin-783 380**

**ITEM NO.20,60 & 90 TO BE DELIVERED AT**

**Office of Dy.General Manager (Materials)PL  
Oil India Limited,  
Pipeline Headquarters, Narangi,  
P.O. Udayan Vihar, Dist. Kamrup(Metro)  
Assam, Pin-781171**

**ITEM NO.50 & 80 TO BE DELIVERED AT**

**Office of General Manager(Ops.)PS.3  
Oil India Limited,  
Pump Station no.3, Jorhat  
P.O. Chengeligaon  
Dist.-Jorhat  
Pin-785 010**

**ITEM NO.70 & 100 TO BE DELIVERED AT**

**Office of Chief General Manager(Ops.)PS.8  
Oil India Limited  
Pump Station No.8, Sonapur  
P.O. Haptiagach (Via Islampur)  
Dist.: Uttardinajpur, West Bengal  
Pin-733 202**

**4.0 Offer will be evaluated on FOR Destination basis. Bidder should quote Transportation charges etc.(if any) separately if not included in basic price.**

**5.0 Performance Security:**

**Applicable @5% of the order value in the event of placement of order, if Purchase Order value exceed INR 10.00 Lakhs. Please confirm. Offer will be rejected for non compliance of the PBG.**

**5.1 Successful bidder shall be required to submit Performance Security as per Clause no. 7.0 of the General Terms & Conditions for National Tenders.**

**5.2 OIL has made arrangement for online confirmation of Bank Guarantee through SFMS Platform with Axis Bank, Guwahati. The bank guarantee issued by the bank must be routed through SFMS platform as per following details -**

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- a. (i) MT 760/MT 760 COV for issuance of bank guarantee  
(ii) MT 767/MT 767 COV for amendment of bank guarantee

The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Guwahati Branch, IFS Code - UTIB0000140, Branch Address - Axis Bank Ltd., Guwahati Branch, Chibber House, G.S. Road, Dispur, Assam, Pin - 781005.

- b. The Bidder/Seller/Contractor shall submit to OIL the copy of SFMS message as sent by the issuing bank branch along with the original bank guarantee.

5.3 Bank Guarantee issued by a Scheduled Bank in India at the request of some other Non-Scheduled Bank in India shall not be acceptable.

6.0 Submission of Bid Security/Performance Security, as applicable, in the form of Electronic Bank Guarantee(e-BG) is also acceptable.

SL.NO.	BANK NAME	SL.NO.	BANK NAME
1.	AU Small Finance Bank	12.	IDFC First Bank
2.	Axis Bank	13.	Indian Bank
3.	Bank of Baroda	14.	Indian Overseas Bank
4.	Bank of India	15.	IndusInd Bank
5.	Canara Bank	16.	Karur Vysya Bank
6.	City Union Bank	17.	Kotak Mahindra Bank
7.	Federal Bank	18.	Punjab National Bank
8.	HDFC Bank	19.	RBI Bank
9.	HSBC Bank	20.	State Bank of India
10.	ICICI Bank	21.	South Indian Bank
11.	IDBI Bank	22.	Yes Bank

Beneficiary details for issue od e-BG are:

Sl.No.	Particulars	Details
1.	Name	Oil India Limited
2.	PAN	AAACO2352C
3.	Date of Incorporation	18.02.1959
4.	Email ID	bikram_chakraborty@oilindia.in
5.	Mobile No.	9954067677/967222247
6.	Local Address	Oil India Limited, PHQ,Narangi
7.	Registered Duliajan,	Dibrugarh,Assam-786602

7.0 General Terms & Condition of this tender is not enclosed separately. Please refer to General Terms and Conditions for National Tenders (MM/TENDER/LP/01/06) under 'For Vendors' --- 'Limited Tenders' in [www.oil-india.com](http://www.oil-india.com). Tender will be governed by the same.

8.0 Purchase Preference (Linked with Local Content) (PP-LC) is not applicable against this tender.

9.0 Payment Terms: 100% payment within 21 days after receipt & acceptance of materials at OIL's site after adjusting liquidated damage, if any.

**10.0 Bidder should submit their offer incorporating the following:**

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- i) Itemwise HSN Code
- ii) Applicable Rate of GST

11.0 If a firm quotes NIL charges/consideration, the bid shall be treated as unresponsive and will not be considered.

**12.0 ATTENTION TO OTHER INTERESTED VENDORS WHO ARE NOT LISTED:-**

Other than the vendors to whom the enquiry has been issued, interested vendors who wish to participate in the tender may apply with proper credentials(Relevant documents including company profile, financial status, product range, client list must be submitted along with the application) and should fulfill the below mentioned criteria:-

12.1 Experience of successfully executing at least 1(One) order for minimum 5 Nos. quantity of Insulation Tester in preceding 5(five) years to be reckoned from the original stipulated bid closing date of the tender (Copies of Purchase Order(s) along with completion certificate towards successful execution of the order to be submitted).

12.2 Annual financial turnover of at least INR 6.3 Lakh in any of preceding 3(three) financial years.

12.3 The Net worth should be Positive for preceding financial/accounting year.

Note:

a) Annual Financial Turnover of the bidder from operations shall mean Aggregate value of the realisation of amount made from the sale, supply or distribution of goods or on of services rendered, or both, by the company(i.e., bidding entity, as the case may be) during a financial year as per the Companies Act,2013 Section 2(91).

b) Net worth shall mean the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

c) For proof of annual Turnover & Net worth any one of the following document must be submitted along with the bid:-

i) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number, UDIN and Firm Registration Number), certifying the Annual turnover & Net worth

OR

ii) Audited Balance Sheet along with Profit & Loss account.

Documentary evidence as stipulated above, should reach the office of Dy. General Manager(Materials)Pipeline, Materials Department, Oil India Limited, Pipeline Headquarter,Guwahati-781 171(Assam) or email papari\_borah@oilindia.in / mingku\_narzari@oilindia.in within 10 days of publication of the tender on OIL's website. Based on merit, OIL will allow the vendors to participate in the current tender or future tender for the item(s) at its sole discretion.

**Disclaimer:** Authorization to participate in the tender does not guarantee placement of order. Requests received from interested vendors after 10 days of publication of tender shall be considered for future tenders only, subject to meeting the above evaluation criteria.

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**13.0 The Warranty of the items supplied shall be minimum 12 months from the date of supply.**

**14.0 Packing should be adequate to avoid transit damage.**

## **Technical Specifications of the Digital Insulation Tester-1KV**

Digital 1 KV Insulation Tester with Features & Technical Specification mentioned as under. Ranges and features mentioned are minimum requirement. Offers with higher ranges and more features are also acceptable.

- (1) Type: Digital, Hand Held
- (2) Functions: Insulation Resistance Testing, Continuity measurement, Polarisation Index (PI) and Dielectric Absorption Ratio (DAR) measurement.
- (3) Insulation measurement range: minimum range of 0.01 Mega Ohms to 10 Giga ohms.
- (4) Resolution: 0.01 M ohms.
- (5) Insulation test voltages: 50V, 100V, 250V, 500 V, 1000 V.
- (6) Leakage Current shall be displayed during Insulation Resistance Testing.
- (7) Shall be capable of automatically calculating Polarisation Index and Di-electric Absorption Ratio
- (8) Shall be able to detect live circuit and able to inhibit testing on terminal voltage above 50V
- (9) Shall be capable of auto-discharge after completion of Insulation Testing.
- (10) Shall be capable of testing continuity and measure resistance from 0.01-ohm 20 k ohms.
- (11) Display: Digital backlit LCD/LED display.
- (12) Safety rating: CAT IV 600V or higher.
- (13) Power requirement: Battery operated. Batteries shall be provided along with supply.
- (14) The meter shall be offered with minimum 1-year warranty. Bidder shall have to explicitly agree to this in their offer and warranty certificate shall be submitted along with supply.
- (15) Items will be procured from OEM or their authorised dealers only. Bidder other than OEM shall have to submit valid dealership certificate or authorisation certificate from OEM.
- (16) Documents to be submitted along with offer:
  - a. Datasheet of the offered model
  - b. Dealership certificate / authorisation certificate from OEM for bidders other than OEM.
- (17) Documents to be submitted along with supply:
  - a. Warranty Certificate
  - b. User manual
  - c. Test and Calibration certificate
- (18) Accessories:
  - a. Test leads with probes and crocodile clips
  - b. Carrying case
  - c. Batteries
  - d. Magnetic hanging strap.

## **Technical Specifications of the Digital Insulation Tester-5KV**

Digital 5 KV Insulation Tester with Features & Technical Specification mentioned as under. Ranges and features mentioned are minimum requirement. Offers with higher ranges and more features are also acceptable.

- (1) Type: Digital, Portable, Rechargeable Battery operated.
- (2) Functions: Insulation Resistance Testing, Timed Insulation Resistance Testing, Polarisation Index (PI) and Dielectric Absorption Ratio (DAR) measurement
- (3) Insulation measurement range: up to 1 Tera ohms.
- (4) Insulation Test Voltage: 250V, 500V,1000V,2500V,5000V and user defined in steps and ramp.
- (5) Step Voltages: in steps not more than 50V for test voltage upto 1000V and not more than 100V for test voltage above 1000V in steps
- (6) Leakage Current shall be displayed during Insulation Resistance Testing.
- (7) Leakage Current Measurement range: 1 nano Ampere to 2 mili Ampere
- (8) Power Supply: 11/12V Rechargeable Battery Operated. Battery to Conform IEC-62133.
- (9) Battery Charger Input Voltage :230V ac, 50 Hz
- (10) Display: Digital backlit LCD/LED display. The display shall also have graphical display of test voltage.
- (11) Live Circuit Indication/measurement: The instrument shall have terminal voltage display with alarm and testing inhibition in presence of external voltage.
- (12) Capacitance Measurement range: 0.1 micro-Farad to 10 micro Farad
- (13) Guard System: The instrument shall have guard terminal.
- (14) The instrument shall be capable of Automatic discharge at the end of test.
- (15) IP rating: min IP40
- (16) Safety Rating: CAT IV 600V or higher.
- (17) The instrument shall be capable of storing data and be able to interface with PC for transfer of Data.
- (18) The meter shall be offered with minimum 1-year warranty. Bidder shall have to explicitly agree to this in their offer and warranty certificate shall be submitted along with supply.
- (19) Items will be procured from OEM or their authorised dealers only. Bidder other than OEM shall have to submit valid dealership certificate or authorisation certificate from OEM.
- (20) Documents to be submitted along with offer:
  - a. Datasheet of the offered model
  - b. Dealership certificate / authorisation certificate from OEM for bidders other than OEM.
- (21) Documents to be submitted along with supply:
  - a. Warranty Certificate
  - b. User manual
  - c. Test and Calibration certificate
- (22) Accessories:
  - a. Test leads with probes and crocodile clips.
  - b. Carrying case
  - c. Rechargeable batteries and battery charger.

**Technical Specifications of the Intrinsically Safe Digital Multimeter:**

(A) Intrinsically safe True rms Digital Multimeter shall have the following features:

1. 4-1/2 digit large display (20,000 counts) with bright, two-level backlight for easy reading.
2. True-rms ac voltage and current for accurate measurements on non-linear signals.
3. Shall have resistance, continuity and diode test.
4. Min/Max-Average and Peak capture to record transients and variations automatically.
5. Relative mode to remove test lead interference on resistance measurements.
6. Auto and manual ranging.
7. Shall have frequency range up to 200 kHz and % duty cycle
8. Shall have access door for fast battery changes without breaking the calibration seal.
9. Input Alert for providing audible warning against wrong use of input jacks
10. Shall have sleep mode for long battery life.
11. Shall be shock and vibration proof.
12. Shall have meter hanging kit.
13. Shall have Approved Intrinsically safe certificate from CCOE/ ATEX or equivalent.
14. Shall be Weatherproof to IP67.

(B) Measurement specifications:

1. Voltage DC: Range: 0.1 mV to 1000V  
Accuracy:  $\pm 0.05\%$   
Resolution: upto 10  $\mu$ V
2. Voltage AC: Range: 0.1 mV to 1000V  
Accuracy :  $\pm 0.7\%$  True rms  
Resolution : upto 0.1 mV
3. Current DC: Range : 0.1  $\mu$ A to 10 A  
Amps accuracy :  $\pm 0.2\%$   
Maximum resolution: upto 0.01  $\mu$ A
4. Current AC: Range : 0.1  $\mu$ A to 10 A  
Amps accuracy :  $\pm 1.0\%$   
Maximum resolution : upto 0.1  $\mu$ A
5. Resistance: Range: 0.1  $\Omega$  to 50 M ohms  
Accuracy:  $\pm 0.2\%$   
Maximum resolution: upto 0.1 ohm
6. Capacitance: 10 nF to 9999  $\mu$ F  
Accuracy:  $\pm 1\%$   
Maximum resolution: upto 0.01 nF
7. Frequency: Range: up to 199.99 kHz  
Accuracy:  $\pm 0.005\%$   
Maximum resolution: upto 0.01 Hz
8. Duty cycle: Maximum duty cycle: 99.9 %  
Accuracy :  $\pm (0.2\% \text{ per kHz} + 0.1\%)$   
Maximum resolution: 0.10 %

9. Temperature measurement:-

Range: -200 °C to +1000 °C

10. Diode :-

Range : 2 V

Accuracy: + 2.0%

11. Environmental specifications: -

Operating temperature: 0 °C to 55 °C

12. Power: Shall be battery powered with Battery life: 400 Hrs or better.

(C) Documents to be submitted along with offer:

- a. Datasheet of the offered model
- b. Dealership certificate / authorisation certificate from OEM for bidders other than OEM.

(D) Documents to be submitted along with supply:

- a. Warranty Certificate
- b. User manual
- c. Test and Calibration certificate

(E) Accessories to be supplied with Instrument:

Test Leads, Alligator Clips, Rubber holster, Battery pack, CD (user's manual and technical notes) and operator's manual.

**Technical Specifications of the Intrinsically Safe Insulation tester:**

Ex-certified Insulation Tester (500V) suitable for use in Zone-I/II hazardous areas and conforming to IS/IEC/EN 60079-11 & IS/IEC/EN 61557-2 as per the following specifications:

- a) Measurement Range: up to 50 M ohm (minimum)
- b) Measurement voltage: up to 500V
- c) Power supply: Suitable Battery operated
- d) Type: Digital/analogue
- e) Documents to be submitted along with offer:
  - a. Datasheet of the offered model
  - b. Dealership certificate / authorisation certificate from OEM for bidders other than OEM.
- f) Documents to be submitted along with supply:
  - a. Warranty Certificate
  - b. User manual
  - c. Test and Calibration certificate
- g) Accessories: Each Instrument should be supplied with
  - i. Sturdy carrying case
  - ii. Crocodile clips with leads-2 nos.

Tender No. : GOD7346L25/3L  
Tender Date : 23.08.2024  
Bid Closing On : 26.09.2024 at 13:00 hrs.(IST)  
Bid Opening On : 26.09.2024 at 13:00 hrs.(IST)

**Tender issued to following parties only:**

Slno	V_Code	Vendor Name	City/Country
1	200129	RAJESH HARDWARE STORES	TINSUKIA
2	200211	STEEL & INDUSTRIAL STORES	ASSAM
3	200832	INDUSTRIAL EQUIPMENTS	GUWAHATI
4	201598	TRADE & AGENCIES	GUWAHATI
5	201659	PURBANCHAL UDYOG	GUWAHATI
6	201832	BAJAJ ELECTRICALS LIMITED	GUWAHATI
7	202289	U.K. ENTERPRISE	GUWAHATI
8	202337	POWER & CONTROLS	KOLKATA
9	203577	ARADHANA AGENCY	GUWAHATI
10	204681	GAUHATI STORES (ELECTRICAL)	GUWAHATI
11	204724	KIRAN ELECTRONICS	GUWAHATI
12	204954	KAKARANIA INDUSTRIAL STORES	GUWAHATI
13	204997	ALLIED BUSINESS CORPORATION	GUWAHATI
14	206055	ELECTROMECH ENGINEERING ENTERPRIS	GUWAHATI
15	208080	ANEE ENTERPRISES	GUWAHATI
16	208302	JAIN INDUSTRIAL CORPN	NEW DELHI
17	208845	BALAJI ELECTRICALS	TINSUKIA
18	211861	SARDA UDYOG	TINSUKIA
19	217169	CLAIR ELECTRONICS PRIVATE LIMITED	CHENNAI
20	410318	OZONE ENGINEERS	guwahati