

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. : GOD5593L24/4L
Tender Date : 05.02.2024

Item No./ Mat. Code	Material Description	Quantity	UOM
10 99110814	<p><u>SURGE PROTECTION DEVICE</u></p> <p>SPD for 3-phase AC 4-line, type-2 Surge Protection for 4 supply lines for TT and TN-S systems (230VAC/400VAC), Pre wired unit, Fault indication output, DIN rail mountable in acc. To EN 60715:2001, Technical Data: (i) Device type: type 2 acc. To EN 61643-11/class II acc. To IEC 61643-1, (II) Nominal voltage: 230VAC, 50/60 Hz & 400VAC, 50/60 Hz, (III) Maximum continuous operating voltage U_c: 255VAC,50...60 Hz (IV) Temporary over-voltage U_t: 335V/5s (TOV withstand), 1200V/200ms (V) Nominal discharge current (8/20 μs) I_n: 20 KA, (VI) Maximum surge current (8/20 μs) I_{max}: 40 KA, (VII) Reaction time (tA) :max. 25 ns (L-N) max. 100 ns (N-PE), (VIII) Follow current extinguishing capacity I_{fi}: 100 A eff (N-PE), (IX) Short-circuit proof: 50KA eff , (X) Overcurrent protection:max. 125 A gG, mains-side, (XI) Lightning impulse current (10/350 μs)(limp): 25 KA (XII) Display :Operating State -Green Fault indication-red (XIII) Ambient temperature: 0-50 °C (XIV) Relative humidity: 5...95% (XV) Approvals: KEMA/UL/VDE/NABL</p>	10	NO
20 99110816	<p><u>SPD for 1-phase AC type-2</u> Surge Protection for 2 supply lines type 2 acc. To EN 61643-11 For TT and TN systems (230 VAC), Pre wired unit, Fault indication Output,DIN Rail mountable in acc. To EN 60715:2001 Technical Data : (i) Device type: type 2 acc. To EN 61643-11/class II acc. To IEC 61643-1, (II) Nominal voltage: 230VAC, 50/60 Hz (III) Maximum continuous operating voltage U_c: 255VAC,50...60 Hz (IV) Temporary over-voltage U_t: 335V/5s (TOV withstand), (V)Nominal discharge current (8/20 μs) I_n: 20 KA, (VI) Maximum surge current (8/20 μs) I_{max}: 40 KA, (VII) Reaction time (tA) :max. 25 ns (L-N) max. 100 ns (N-PE), (VIII)Follow current extinguishing capacity I_{fi}:100 A eff(N-PE), (IX) Short-circuit proof: 50KA eff, (X) Overcurrent protection:max. 125 A gG, mains-side, (XI) Lightning impulse current (10/350 μs)(limp): 25 KA (XII) Ambient temperature: 0-50 °C (XIII) Relative humidity: 5...95% (XIV) Approvals: KEMA/UL/VDE/NABL</p>	5	NO
30 99110817	<p><u>SPD for instruments signal line</u> SPD for Signal lines SIL-3 Surge protection barrier for 2 signal lines and grounded signal lines,DIN Rail mountable Technical Data: (i) Nominal voltage: 24 VDC</p>	20	NO

ANNEXURE-I**Tender No. : GOD5593L24/4L****Tender Date : 05.02.2024**

Item No./ Mat. Code	Material Description	Quantity	UOM
	(ii) Total Lightning impulse current(@8/20 μ sec):10KA (iii) Maximum continuous operating voltage U_c : 30 VDC (iv)Ambient temperature: 0-50 °C (v) Relative humidity: 5...95% (vi) Approvals: ATEX,PESO,SIL,IECEX,NABL		
40 99110818	SPD for 48VDC power supply Modular single pole Type 2 Surge Protection Device consisting of a base part and plug-in protection module for 48 VDC power supply. Technical Data: (i) SPD according to EN 61643-11/IEC 61643-11:Type 2 / Class II (ii) Maximum continuous operating voltage (DC) (U_C): 60 Volt (iii)Nominal voltage (DC) (U_N): 48 Volt (iv)Maximum discharge current (8/20 μ s) (I_{max}): 10KA (v)Voltage protection level (UP): # 330V (vi)Response time: # 25 ns (vi)Operating state: Mechanical, fault indication green / red. (vii)Approvals: KEMA/VDE/UL/NABL	10	NO
50 99110819	SPD for Ethernet Ethernet Surge protector Technical data: (i) Ethernet Surge protector for POE applications. (ii) Nominal voltage: 48 Volt (iii) Total Lightning impulse current (@ 8/20 μ s): 10KA (iv) Voltage Protection level: Max. 600 Volt (v) Cut-off Frequency: 250 MHz (vi) Connection : RJ45 (vii) Mounti : Via DIN rail (viii) Approval: UL/NABL (ix) Test standard: IEC 61643-21	20	NO
60 99110820	SPD for Field Devices Flameproof Surge arrester for field devices to protect 24 V signal loops of intrinsically safe measuring circuits. Technical data : (i) FLP Surge arrester to be mounted on field device having spare glands of 1/2" NPT thread to protect 24 V signal loop. (ii) Nominal voltage: 24 V (iii) Total Lightning impulse current (@8/20 μ s):10KA (iv) Voltage protection level Max. 55V (v) Mounting thread: 1/2" NPT (vi) Functional Integrity level (SIL): SIL-3 (vii) Degree of protection: IP 67 (viii)Approval: ATEX, PESO, SIL, IECEx	20	NO
70 99110821	Surge Strike Counter for SPD Technical Data: (i)Response threshold for impulse currents(rise time# 8 μ s)#1KA (ii) LCD display : Two digits (iii) input power supply: 24 VDC to 60 VDC (iv) Setting and Resetting on device : Required (v) Sensor with cable and it's accessories: Included	5	NO

ANNEXURE-I**Tender No. : GOD5593L24/4L****Tender Date : 05.02.2024**

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

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

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 @10% 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 -

- 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 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. Tender will be governed by the same.

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

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

9.0 Bidder should submit their offer incorporating the following:

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

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

11.0 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:-

11.1 Experience of successfully executing at least 1(One) order for minimum 45 Nos. Qty of Surge Protection Devices 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).

11.2 Annual financial turnover of at least INR 4.19 Lakh of Tender value) in any of preceding 3(three) financial years.

11.3 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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Tender Date : 05.02.2024

Special Notes : 1.0 The bidder shall submit technical data sheet for the items that they quote. Bids without technical data sheet and approvals are liable for rejection.

2.0 The bidder shall submit intrinsically proof or use in hazardous areas approval or certificates for "SPD for field devices". Bids without requisite approvals or certificates are liable for rejection.

3.0 Bidders are required to fill up the Annexure-I along with their bids. Any bid without filled Annexure-I is liable for rejection.

4.0 All the items shall have connection diagram clearly indicating the mode of connection whether parallel or serial and clearly indicating the earthing or ground connection.

5.0. Warranty period of the items shall not be less than 6 months.

6.0 Expected Delivery period : 18 weeks (Maximum)

Annexure -I

SI No.	Items	Technical Specifications	Technical Datasheet submitted (YES /NO)	Quoted items specifications matching with Tender Specifications (YES/NO)	Approvals or Certificates submitted (YES/NO)
1	SPD 3-Phase AC 4 Lines Type 2	<p>Surge Protection for 4 supply lines for TT and TN-S systems (230VAC/400VAC), Pre wired unit, Fault indication output, DIN rail mountable in acc. To EN 60715:2001, Technical Data: (i) Device type: type 2 acc. To EN 61643-11/class II acc. To IEC 61643-1, (II) Nominal voltage: 230VAC, 50/60 Hz & 400VAC, 50/60 Hz, (III) Maximum continuous operating voltage Uc: 255VAC, 50...60 Hz (IV) Temporary over-voltage Ut: 335V/5s (TOV withstand), 1200V/200ms (V) Nominal discharge current (8/20 μs) In: 20 KA, (VI) Maximum surge current (8/20 μs) Imax: 40 KA, (VII) Reaction time (tA) :max. 25 ns (L-N) max. 100 ns (N-PE), (VIII) Follow current extinguishing capacity Ifi: 100 A eff (N-PE), (IX) Short-circuit proof: 50KA eff , (X) Overcurrent protection: max. 125 A gG, mains-side, (XI) Lightning impulse current (10/350 μs)(limp): 25 KA (XII) Display :Operating State -Green Fault indication-red (XIII) Ambient temperature: 0-50 °C (XIV) Relative humidity: 5...95% (XV) Approvals: KEMA/UL/VDE/NABL</p>			
2	SPD For 1-Phase AC Type 2	<p>Surge Protection for 2 supply lines type 2 acc. To EN 61643-11 For TT and TN systems (230 VAC), Pre wired unit, Fault indication output, DIN Rail mountable in acc. To EN 60715:2001 Technical Data : (i) Device type: type 2 acc. To EN 61643-11/class II acc. To IEC 61643-1, (II) Nominal voltage: 230VAC, 50/60 Hz (III) Maximum continuous operating voltage Uc: 255VAC, 50...60 Hz (IV) Temporary over-voltage Ut: 335V/5s (TOV withstand), (V) Nominal discharge current (8/20 μs) In: 20 KA, (VI) Maximum surge current (8/20 μs) Imax: 40 KA, (VII) Reaction time (tA) :max. 25 ns (L-N) max. 100 ns (N-PE), (VIII) Follow current extinguishing capacity Ifi: 100 A eff (N-PE), (IX) Short-circuit proof: 50KA eff , (X) Overcurrent protection: max. 125 A gG, mains-side, (XI) Lightning impulse current (10/350 μs)(limp): 25 KA (XII) Ambient temperature: 0-50 °C (XIII) Relative humidity: 5...95% (XIV) Approvals: KEMA/UL/VDE/NABL</p>			

3	SPD For Instrument Signal Line	<p>SPD for Signal lines- SIL-3 Surge protection barrier for 2 signal lines and grounded signal lines, DIN Rail mountable</p> <p>Technical Data:</p> <p>(i) Nominal voltage: 24 VDC (ii) Total Lightning impulse current (@8/20 μsec) : 10KA (minimum) (iii) Maximum continuous operating voltage Uc: 30 VDC (iv) Ambient temperature : 0-50 °C (v) Relative humidity : 5...95% (vi) Approvals: ATEX,PESO,SIL,IECEX,NABL</p>			
4	SPD for 48 VDC power supply	<p>Modular single pole Type 2 Surge Protection Device consisting of a base part and plug-in protection module for 48 VDC power supply.</p> <p>Technical Data :</p> <p>(i) SPD according to EN 61643-11/IEC 61643-11: Type 2 / Class II (ii) Maximum continuous operating voltage (DC) (UC): 60 Volt (iii) Nominal voltage (DC) (UC): 48 Volt (iv) Maximum discharge current (8/20 μs) (Imax): 10KA (v) Voltage protection level (UP): \leq 330V (vi) Response time: \leq 25 ns (vii) Operating state: Mechanical, fault indication green / red. (viii) Approvals: KEMA/VDE/UL/NABL</p>			
5	SPD for Ethernet	<p>Ethernet Surge protector</p> <p>Technical data:</p> <p>(i) Ethernet Surge protector for POE applications. (ii) Nominal voltage: 48 Volt (iii) Total Lightning impulse current (@ 8/20 μs): 10KA (iv) Voltage Protection level: Max. 600 Volt (v) Cut-off Frequency: 250 MHz (vi) Connection : RJ45 (vii) Mounti : Via DIN rail (viii) Approval: UL/NABL (ix) Test standard: IEC 61643-21</p>			
6	SPD for Field devices_Ext	<p>Flameproof Surge arrester for field devices to protect 24 V signal loops of intrinsically safe measuring circuits.</p> <p>Technical data :</p> <p>(i) FLP Surge arrester to be mounted on field device having spare glands of 1/2" NPT thread to protect 24 V signal loop. (ii) Nominal voltage: 24 V (iii) Total Lightning impulse current (@8/20 μs) : 10KA (iv) Voltage protection level Max. 55V (v) Mounting thread: 1/2" NPT (vi) Functional Integrity level (SIL): SIL-3 (vii) Degree of protection: IP 67 (viii) Approval: ATEX, PESO, SIL, IECEx</p>			
7	Surge strike counter for SPD's	<p>Technical Data:</p> <p>(i) Response threshold for impulse currents (rise time \geq 8 μs) \geq 1KA (ii) LCD display : Two digits (iii) input power supply: 24 VDC to 60 VDC (iv) Setting and Resetting on device : Required (v) Sensor with cable and it's accessories: Included</p>			

Tender No. : GOD5593L24/4L
Tender Date : 05.02.2024
Bid Closing On : 07.03.2024 at 13:00 hrs.(IST)
Bid Opening On : 07.03.2024 at 13:00 hrs.(IST)

Tender issued to following parties only:

Slno	V_Code	Vendor Name	City/Country
1	211490	DEHN INDIA (P) Ltd.	GURGAON
2	211529	DYNAMICS TECHNOLOGIES	KOLKATA
3	212308	SONEPAR INDIA PRIVATE LIMITED	KOLKATA
4	213485	EATON'S CROUSE HINDS BUSINESS, MTL	KOLKATA
5	214354	EDGE ENGINEERING SOLUTION	KOLKATA