

OIL INDIA LIMITED

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ANNEXURE-I**Tender No. : DIS4875L18/L1****Tender Date : 31.05.2017**

Item No./ Mat. Code	Material Description	Quantity	UOM
10 85054560	<p>ITEM : Scale Inhibitor (for control of Calcium Carbonate scale in Formation water systems in oilfield operations)</p> <p>1. PHYSICAL CHARACTERISTICS:</p> <p>a) Appearance: The product should be a clear, free-flowing homogeneous liquid under ambient temperatures (8°C - 40°C) and should be free of any insoluble matter.</p> <p>b) Solubility: The product should be soluble in fresh water and saline (3000-5000 ppm) produced Formation water in all proportions.</p> <p>c) Compatibility : The product should be compatible with produced formation water, and various proprietary water treatment chemicals like Deoilers (cationic poly-electrolytes), Bactericides, Corrosion Inhibitors, Oxygen Scavengers etc that could be in use at different stages (injection points) for treatment of the same formation water.</p> <p>d) Thermal Stability : The product should be stable and effective even if the fluid treated with this product is exposed to a temperature of 70°C for up to 3 hours.</p> <p>e) Shelf Life : The product should be stable and should not lose its potency / efficiency for one year (minimum) from the date of manufacture, if kept under normal ambient storage conditions.</p> <p>2. PERFORMANCE</p> <p>a) Laboratory : Scale Inhibitor Static Test Method</p> <p>i) Scaling medium Calcium Chloride Solution: 1.1025 gm of Calcium Chloride (CaCl₂.2H₂O) and 4 gm of Sodium Chloride (NaCl) are dissolved in distilled water (whose pH is adjusted to 8.0 prior to addition of these chemicals) and volume made up to 1 litre to give a 300 ppm Calcium solution in saline (4000 ppm) medium. Sodium Carbonate Solution: 1.0620 gm of Sodium Carbonate (Na₂CO₃) and 4 gm of Sodium Chloride (NaCl) are dissolved in distilled water (whose pH is adjusted to 8.0 prior to addition of these chemicals) and volume made up to 1 litre to give 600 ppm Carbonate solution in saline (4000 ppm) medium. Scale Inhibitor (SI) stock solution: 1000 ppm of SI stock solution is prepared by adding 100 micro-litre of SI sample in 100 mL of distilled water (whose pH is adjusted to 8.0 prior to SI addition).</p> <p>ii) Scale Inhibitor dosage : 5 (five) ppm</p> <p>ii) Temperature : 60 °C</p> <p>iii) Exposure period : 18 hours</p> <p>v) Performance evaluation : 50 mL each of warm (by keeping the solutions at 60 °C for 2 hours) Calcium Chloride solution and Sodium Carbonate solution are mixed by shaking in presence of 5 ppm of Scale Inhibitor, and kept in an incubator at 60 °C for 18 hours under static condition. The efficiency of the Scale Inhibitor is calculated by comparing the concentration of the Calcium ion (by EDTA titration) in the SI-doped solution with that in a Blank Test conducted without the addition of the Scale Inhibitor.</p> <p>v) Inhibitor efficiency required : 45% minimum.</p>	10000	KG

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	<p>b) Field : In the fields, the product should be able to inhibit scale formation at a dosage which has earlier been optimized with a field-approved product.</p> <p>3. ACCEPTANCE CRITERIA</p> <p>i) Only those "Scale Inhibitor" product(s) which are already "field approved" in OIL would be considered for procuring the full quantity on respective tender, subjecting to fulfilling all the technical and commercial requirements of the tender.</p> <p>ii) For any new offer on "Scale Inhibitor" product(s) which is fulfilling all the technical and commercial requirements of a tender but not yet field approved in OIL, such product(s) would be considered for a Trial Order of 500 Kg through a separate limited tender. In case more than one bidder becomes eligible for such trial order, all such eligible bidder shall be placed with a Trial Order.</p> <p>iii) The trial order would be subjected to the Vendor's matching the price of his product with the price of the "field approved" product as quoted in the tender, provided the "field approved" product passes the techno- commercial scrutiny in the tender. In case the "field approved" product fails to meet the techno-commercial criteria of the tender, then the reference price would be the Last Purchase Order for "Scale Inhibitor" that has been successfully executed.</p> <p>iv) The full (100%) payment for the material supplied against a Trial Order would be made after the supplied material passes the Quality Assessment (QA) test in the laboratory. The payment against any Trial Order would not be linked to the performance of the supplied material in the fields. However, its performance will also be monitored at various field locations, where its performance should be at par with the standard field approved product under existing field conditions passing which the new product will be considered as "Field Approved" product and would be eligible for bulk procurement against subsequent tenders for "Scale Inhibitor" subject to meeting the techno-economic criteria.</p> <p>v) In case the supplied material against any order (regular/trial) fails to conform to the acceptance criteria outlined in the NIT, such non-conforming part/ whole consignment (as the case may be) will be rejected and the vendor will be asked to replace the rejected quantity. Any request from the Vendor to use the rejected material at higher dosage and adjust the payment on pro-rata basis shall not be entertained.</p> <p>4. SUBMISSION OF TENDER / DEVELOPMENTAL SAMPLE : Bidders should submit 500 mL sample of the product they are offering, in two (250 mL x 2) sealed, air-tight and leak- proof glass / non-corrosive metal containers (plastic bottles not acceptable) free of cost for laboratory evaluation. The sample containers received at R&D Laboratory should be in good condition, any sample containers found in leaking, unsealed or tampered condition will not be considered for technical evaluation in the Laboratory.</p> <p>5. PACKING OF BULK SUPPLY : 200 Kg nett in new HM-HDPE barrels having narrow-mouth and airtight screw-cap, in sealed condition. The barrels should be sturdy enough to withstand the rigors of transportation and storage. Name of the product, batch and barrel number, date of manufacture, Vendor's name and address and OIL's order number should be stenciled on all the</p>		

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	<p>barrels in bold letters in a contrast color.</p> <p>6. PRODUCT INFORMATION TO BE PROVIDED BY THE SUPPLIER :</p> <p>a)PRODUCT DATA SHEET (PDS), which should include the following information :</p> <p>i)Brand name of the product ii)Generic Composition iii) Solubility in water iv)Specific Gravity at 25°C v) Date of manufacture of the sample vi)Shelf Life (Months) vii)Type of packing offered for the bulk supply</p> <p>b)MSDS : SAFETY, HANDLING, FIRST- AID, STORAGE & DISPOSAL INSTRUCTIONS</p> <p>c)TOXICOLOGICAL AND ECOLOGICAL INFORMATION</p>		

Note description for item no./nos. : 10**Bid Evaluation Criteria (BEC)**

The BEC of the tender should include the following points. The bidder must confirm compliance against each point and indicate page number of his technical bid where the supporting documents have been provided, in a tabular format.

Technical

1. The bidder should be the original manufacturer of the offered product. In case the bidder is not a manufacturer, he should be an authorised distributor /dealer/supplier of the product of the manufacturer. The authorised distributor/dealer/supplier should submit/ upload an authority letter from the manufacturer along with the technical bid. Such authority letter should be valid for atleast for two years from the bid closing date.
2. The bidders should have atleast five years of manufacturing / supplying experience of "Scale Inhibitor" and must have executing at least one single order of "Scale Inhibitor" product for 50 % of the tendered quantity in preceding 5(five) years to any Company. Documentary evidences in support of the orders executed with quantity specified should be submitted along with the technical bid. OIL reserves the right to independently verify any / all such documents submitted by the bidder.

Bid Rejection Criteria (BRC)

The BRC of the tender should include the following points. The bidder must confirm compliance against each point and indicate page number of his technical bid where the supporting documents have been provided, in a tabular format.

Technical

1. Bidders should submit 500 mL sample of the product they are offering, in two (250 mL x 2) sealed, air-tight and leak- proof glass / non-corrosive metal containers (plastic bottles not acceptable) free of cost for laboratory evaluation. The Sample Containers should be submitted at Materials Department before BCD. The Sample Containers should be in good condition, any sample containers found in leaking, unsealed or tempered condition will not be considered for technical evaluation in the laboratory.
2. Any technical bid submitted that does not include the Product Information Sheet [incorporating the parameters / compatibilities/ other relevant information about the Scale Inhibitor product being offered, as sought in Para (6) of the technical specification], and the MSDS (Material Safety Data Sheet) of the product will be rejected.
3. Any technical bid in which the shelf life of the product has not been certified by the bidder will be rejected. In

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case the offered product has a shelf life of less than twelve months (as certified by the bidder), the offer will be rejected.

4. The tender sample will be evaluated in OIL's laboratory as per the technical specification outlined in the NIT for acceptance. Any tender sample not meeting the acceptance criteria mentioned in Para [2.a] of the technical specification that has been outlined in the NIT, will be rejected.

Standard Notes: (1) VALIDITY : Your offer must be valid for 75 days from the date of bid opening. Offer with inadequate validity will be rejected.

(2) The offer should be submitted in Duplicate.

(3) Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of a sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).

(4) In the event you authorize your dealer/stockist/channel partner to quote on your behalf, the dealer/stockist/channel partner while submitting bid should mention on the body of the envelope that they are submitting bid on your behalf.

In the event the dealer/stockist/channel partner do not mention the name of their OEM/principal on the body of the envelope, the offer shall be treated as unsolicited offer and will not be considered for opening.

The dealer/stockist/channel partner should take note of above while submitting bid on behalf of their OEM/principal.

(5) For order with F.O.R. Destination term, 100% payment against despatch documents will not be entertained. In this regards please refer payment terms in ANNEXURE-MM/TENDER/LP/01/06.

(6) To evaluate the inter-se ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Government of Assam Guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their bids.

(7) Bidder must mention page no./nos. in every pages of their offer.

(8) Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.

(9) Bidder should clearly mention their name and address on the outside of the envelope containing their offer.

(10) Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1st April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro, Small and Medium Enterprises (MSME) in the tender is furnished vide Amendment to General Terms and Conditions for INDIGENOUS TENDERS (MM/TENDER/LP/01/06). Bidders are requested to take note of the same and to submit their offers accordingly.

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(11) Performance Security:

The successful bidder shall submit Performance Security @10% of PO value within 30 days of receipt of the formal purchase order failing which OIL reserves the right to cancel the order. Bidders should undertake in their bids to submit Performance Security as stated above.

The Performance Security shall be in form of Bank Guarantee in the prescribed OIL's format valid for 3(three) months beyond the Warranty period indicated in the Purchase Order /contract agreement.

The Performance Security for capital nature items like plant and machinery etc. shall be valid for 12 months from the date of commissioning plus 3(three) months or 18 months from the date of shipment/despatch plus 3(three) months whichever concludes earlier. However, for consumables like chemicals, cement, tubular etc. the Performance Security shall be valid for 12 months from the date of shipment/despatch plus 3(three) months.

The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.