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OIL INDIA LIMITED
(A Govt. of India Enterprise)
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ANNEXURE 1

Tender No& Date : SDG0698P11 DATED 25.01.2011

Tender Fee : INR 4500.00 OR USD 100.00

Bid Security Amount : INR 9,22,000.00 OR USD 23,050.00
(or equivalent Amount in any currency)

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : As mentioned in the basic data of above –tender in the e-portal

Bid Opening on : -do-

Performance Guarantee : Applicable @ 10% OF ORDER VALUE

OIL INDIA LIMITED invites Global tenders for items detailed below:

TECHNICAL SPECIFICATIONS WITH QUANTITY

OIL INDIA LIMITED invites Global tenders for items detailed below:

AA. TECHNICAL SPECIFICATIONS WITH QUANTITY

FLOW IMPROVER (Chemical for viscosity reduction of crude oil)

1. PHYSICAL CHARACTERISTICS:

- i) State : Homogeneous liquid or solid free from insoluble and foreign matter.
- ii) Viscosity of the product at 40°C when measured with Fann VG meter at 300 RPM : 100 cP (Maximum)
- iii) Melting Point : **40°C** (Maximum)
- iv) Congealing Point : **30°C** (Maximum)
- v) Shelf life : One year (Minimum)

2. LABORATORY PERFORMANCE:

When doped at 50°C at a concentration of 300 PPM (Max.), the treated crude (each & every run of the field crude) should attain the following rheological properties, as measured by a Fann VG meter Model 35SA (Rotor-bob combination R1-B1) in the shear rate range 511 - 1022 Sec⁻¹.

Temp. (°C) (Dynes/Cm ² , Max.)	Plastic Viscosity (cP, Max.)	Yield Value
18	35	50
21	25	30
24	15	15

NOTE

(i) Suppliers / manufacturers should submit 1 kg (500gm x 2) sample of the product offered in two air-tight bottles made of either glass or metal (plastic bottles not acceptable) free of cost for laboratory evaluation, and also all relevant product information detailed below, along with their tender documents.

(ii) Only those products which are field - proven earlier (successfully field tested on OIL's Mainline crude) will be considered for bulk procurement against this tender, following successful tender sample evaluation. A new product conforming to the laboratory specification will be considered for a trial order not exceeding 20 MT for field-testing on OIL's Main Pipeline during peak winter time, where it has to bring the rheology of the treated crude down to or below the limit specified above; at a dosage normally not exceeding 300 PPM and also not exceeding that of a proven product, under identical inlet / raw crude and treatment conditions. The first order may follow with another developmental order for extensive and confirmatory field trial, before this product is considered for bulk procurement against subsequent enquiries.

3. **PACKING:** 170 - 200 Kg Nett in EPOXY -COATED Mild Steel (M.S.) Drums. Name of the product, Manufacturer's name and address, order number, batch number and date of manufacture should be stenciled on all the drums in bold letters.

4. **COMPATIBILITY:** The product should be compatible from the point of view of oil refining.

5. PRODUCT INFORMATION TO BE PROVIDED BY THE SUPPLIER :

i) **GENERAL DESCRIPTION:**

Product Name
Colour
Generic Composition
Type of Solvent and its Boiling Point / Range (°C)
Specific Gravity at 25°C
Apparent Viscosity (centi-Poise) at 40°C
Flash Point (PMCC, °C)
Melting Point (°C)
Congealing Point (°C)
Date of
Manufacture

Shelf Life
(Months)

ii) **MATERIAL COMPATIBILITY:**

Compatibility with materials of construction like Mild Steel, Galvanized Iron, Brass, PVC, Rubber, Polypropylene Polyethylene (HD), Neoprene, Vinyl, Ethylene Propylene and Polyurethane.

iii) **SAFETY, HANDLING AND STORAGE INSTRUCTIONS.**

iv) **TOXICITY AND ECOLOGICAL EFFECTS:**

Chemical Oxygen Demand, Dissolved Organic Carbon, Biodegradability, Toxicity for Bacteria etc

QUANTITY : 300,000 KG.

BB. BID REJECTION CRITERIA (BRC)

In addition to BRC criteria vide SECTION – ‘D’ of General Terms and Conditions for Global Tender (MM/ GLOBAL/E01/2005), the following clause will be applicable against this tender

1. Every tender sample should be submitted in two air-tight glass or metal containers – each containing 500 gm of sample. Tender sample submitted in plastic bottles and/or in less than the specified quantity (i.e. less than one kg) shall be rejected.

2. Any tender sample found to have melting point higher than 40C and congealing point higher than 30C will be rejected.

3. Any tender sample found to have product viscosity higher than 100 cP at 40C will be rejected.

4. Any tender sample found to have insoluble or foreign matter will be rejected.

5. Any tender sample submitted without its shelf life specified by the bidder in the accompanying Product Information Sheet, or shelf life of less than one year (as certified by the bidder) shall be rejected.

6. Any tender sample submitted without its MSDS (Material Safety Data Sheet) will be rejected.

7. Any tender sample not meeting the laboratory performance criteria (as detailed in the NIT specification) will be rejected.

8) **C folder is meant for Technical bid only. Therefore, No price should be given in C folder, otherwise the offer will be rejected.**

9) **PLEASE FILL UP THE TECHNO COMMERCIAL CHECK LIST AND RESPONSE SHEET GIVEN IN THE C FOLDER.**

10. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide **Annexure XII** of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder **along with the technical bid** duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid.

CC . Standard Note :

1. Only the products which are field-proven will be considered for bulk procurement against this tender. The supplied material against orders will be accepted after its passing the specification test in the laboratory upon arrival at Duliajan. The supplied product must meet the order specification, and perform at par with the corresponding tender sample submitted by the bidder against this tender during the quality assessment test in the laboratory. In case the supplied product is found to perform only at a higher dosage during such test, OIL will normally reject the consignment and ask for replacement. However, OIL reserves the right to use (in part or full) such inferior supply at any optimally performing higher dosage - as determined during the quality assessment test in the laboratory - because of operational exigency, and deduct payment from the supplier's bill on pro-rata basis.

2) **Tentative delivery is required as under :
@ 60 MT per month from July '2011 onwards.**

3) Performance Security is applicable against this tender. Please refer clause 10.0 of Section A of General Terms and conditions for Global Tender (MM/GLOBAL/E01/2005).

4) OIL reserves the right to allow Small Scale Sectors registered with NSIC purchase preference facility as admissible as per existing Government Policy. The bidders are requested to check the latest position on the subject on their own and OIL does not accept any liability whatsoever, on this account.

5). **All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3” digital certificate, will be liable for rejection.**

8. **Price should be maintained in the “online price schedule” only. The price quoted in the “online price schedule” only will be considered.**

9. To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

10) **The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidder has to submit both the “TECHNICAL” and “COMMERCIAL” bids through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The Technical Bid is to be submitted as per Scope of Work & Technical Specification of the tender and Commercial bid as per the **Online Commercial Bid format.****

11) **In Technical Bid opening, only Collaboration Folder (C folder) will be opened. Therefore, the bidder should ensure that Technical bid along with test report in original of the latest manufactured product including the testing procedure of the parameters indicated in the product specification, Material Safety Data Sheet, Quality assurance certificate of the offered product, product data sheet if any, packing detail etc as mentioned in the technical specifications as well as BEC/ BRC as mentioned below are to be uploaded in the c-Folder link (collaboration link) under Un-priced Bid Tab Page only. **No price should be given in above C folder, otherwise the offer will be rejected.** Please go through the help document in details before uploading the document.**

12) **The tender sample as per BRC clause no. (iii) should reach us before bid closing date and time stipulated in the e-tender.**

13) Performance Security is applicable against this tender. Please refer clause 10.0 of Section A of General Terms and conditions for Global Tender (MM/GLOBAL/E-01/2005).

14) The original bid security (Amount is mentioned above and also in Basic Data of the tender in OIL's e-portal) should reach us before bid closing date and time of technical bid. Bid without original bid security will be rejected. The bidders who are exempted from submitting of Bid Bond should attach documentary evidence in the Collaboration folder as per clause 9.8 of Section A General Terms and conditions for Global Tender (MM/GLOBAL/E-01/2005).

15) COMMERCIAL BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TECHNICALLY ACCEPTABLE. THE TECHNICALLY ACCEPTABLE BIDDERS WILL BE INFORMED BEFORE THE OPENING OF THE "COMMERCIAL BID".

16) OIL reserves the right to allow Small Scale Sectors registered with NSIC purchase preference facility as admissible as per existing Government Policy. The bidders are requested to check the latest position on the subject on their own and OIL does not accept any liability whatsoever, on this account.

17) To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

18) Price should be maintained in the "online price schedule" only. The price quoted in the "online price schedule" only will be considered.

19) All the Bids must be Digitally Signed using "Class 3" digital certificate (e-commerce application) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3" digital certificate, will be liable for rejection.

20. As mentioned in para 10.0 of BRC above, the Integrity Pact is applicable against this tender. The name of the OIL's Independent External Monitors at present are as under :

- (I) SHRI N. GOPALASWAMI, I.A.S (Retd) ,**
- (II) SHRI RAMESH CHANDRA AGARWAL , IPS(Retd)**

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