



OIL INDIA LIMITED
(A Government of India Enterprises)
PO : Duliajan – 786602
Assam (India)

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TENDER NO. SSG 8708P16/05

DATE: 28.09.2015

Sub : INVITATION TO e-BID UNDER COMPOSITE BID SYSTEM

Dear Sirs,

OIL invites Bids for the supply of **2500 Bags of Sulphonated Asphalt** through its e-Procurement site under **International Competitive Bidding (ICB) – COMPOSITE BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/GLOBAL/E-01/2005-July2012. The prescribed Bid Forms for submission of bids are available in the tender document folder.

The general details of tender can be viewed at ‘**Rfx parameters**’ under ‘**Rfx Information**’ in Bid invitation screen. The details of items tendered can be found by clicking to ‘**Items tab**’.

The tender will be governed by:

- a) “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005-July2012 for E-procurement .
- b) Technical specifications ,Quantity and General Notes for **Sulphonated Asphalt** are as per Annexure – IA in the Technical Rfx.
- c) The prescribed Bid Forms for submission of bids are available in the tender document folder. Technical Checklist and Commercial Checklist vide **Annexure IV** must be filled-up and submitted along with the technical bid.
- d) The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export Benefit are furnished vide Addendum to MM/GLOBAL/E-01/2005-July2012 enclosed.

Special Note:

1.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope superscribed with **Tender no.** and **Due date** to **The Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam** on or before **13:00 Hrs (IST)** on the Bid Closing Date mentioned in the Tender.

- a) **Tender Sample**
- b) **Original Bid Security.**

2.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.

3.0 All the Bids must be Digitally Signed using "Class 3" digital certificate (e-commerce application) with organisation name 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 without organization name, will be liable for rejection.

4.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before 13:00 Hrs (IST) on the bid closing date failing which the offer shall be rejected.

5.0 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.

Yours Faithfully

Sd-
(BHAVIK MODY)
PURCHASE OFFICER(FS)
FOR HEAD-MATERIALS
FOR RESIDENT CHIEF EXECUTIVE

OIL INDIA LIMITED
(A Govt. of India Enterprise)
P.O. Duliajan-786602, Assam
Fax No. 91-374-2800533, E-mail:material@oilindia.in

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Tender Fee : INR 4,500.00 OR USD 100.00
Bid Security Amount : INR 47,400.00 OR USD 710.00
(or equivalent Amount in any currency)

Bidding Type : Single Bid (Composite Bid)

Bid Closing On : 09.12.2015 at 11:00 hrs. (IST)
Bid Opening On : 09.12.2015 at 14:00 hrs. (IST)

Performance Guarantee : Applicable @10% of order value

OIL INDIA LIMITED invites Global tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
10 85040458	<p>ASHPHALTIN BASED SHALE STABILISING AGENT <u>SULPHONATED ASHPHALT</u></p> <p><u>Description of the product and use :</u></p> <p>A partially water soluble sodium salt of sulphonated ashphalt used for shale / clay inhibition and to prevent sloughing of problematic splinttery shales.</p> <p><u>Specification :</u></p> <p>1. Physical properties : The material, as received, should be a free flowing brown to black coloured powder, free from lump and oher foreign matter.</p> <p>2. Moisture content, measured by drying : 10.00 at 105 +/- 2 degC, % by mass, maximum.</p> <p>3. Soluble matter content, % by mass (i) In distilled water : 65 - 70 (ii) In dimethyl chloride : 30 - 35</p> <p>4. PH of 2% (w/v) solution in distilled water a : 8.5 26 +/- 2 degC, minimum</p> <p>5. Qualitative test for presence of sulphonate group.: Positive</p> <p>6. Barium chloride test : Mix 1% (w/v) of the sample in distilled water and stir in multimixer for 10 minutes. to this add 150 ml distilled water and 0.5 gm barium chloride (LR grade) and again stir for 10 minutes in multimixer. Pour the content to a beaker and observe after 30 minutes. No formation and setting of black coloured precipitates should take place.</p>	2500	BAG

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Item No./ Mat. Code	Material Description	Quantity	UOM
	<p>7. <u>Performance Test</u> :</p> <p>A. <u>Lubricity test</u> : Prepare a 7.5% (w/v) bentonite suspension in distilled water using OIL approved bentonite and stir the suspension for 15 minutes in multimixer so that no lumps are left after the stirring period. Age the suspension for 72 hrs at 90 +/- 2 degC. After the lapse of the aging period, cool the suspension and stir for 15 minutes in multimixer. Adjust apparent viscosity for the suspension to 15 cp by dilution with distilled water, if distilled water, if necessary. Treat the suspension with 2.0% (w/v) sulphonated asphalt sample and stir for 30 minutes in multimixer for lubricity test. Determine lubricity co-efficient using a standard mud lubricity tester.</p> <p>Lubricity co-efficient should not be more than 0.30</p> <p>B. <u>Inhibition Test</u> :</p> <p>I. <u>In bentonite suspension</u> :</p> <p>(a) Preparation of base mud : Prepare a bentonite suspension by stirring 7.5% (w/v) OIL approved bentonite in distilled water in a multimixer for 15 minutes. Determine apparent viscosity and value of this base mud immediately at 26 +/- 2 degC.</p> <p>(i) Apparent viscosity, cp : To record (ii) Yield value, lbs/100 ftsq : To record</p> <p>(b) Preparation of treated mud : Add 3% (w/v) sulphonated asphalt sample to distilled water and stir in multimixer for 15 minutes. To this add 7.5%(w/v) OIL approved bentonite and stir for additional 15 minutes in a multimixer. Determine apparent viscosity and yield value of this treated mud at 26 +/- 2 degC which should be as follows :</p> <p>(i) Apparent viscosity,cp,max. : 35% of 7B(I)(a,i) (ii) Yield value,lbs/100 ftsq,max:15% of 7B(I)(a,ii)</p> <p>II. <u>In bentonite and kaolin mixture</u> :</p> <p>(a) Preparation of base mud : Prepare a base mud using 52.5 gms of OIL approved bentonite and 263 gms of kaolin powder in 1000ml distilled water. Adjust PH to 10.5 by 5 N NaOH solution. Mix thoroughly in a multimixer for 30 minutes and divide the suspension into two parts.</p> <p>Hot age one part at 65 degC in rolling condition for 18 hrs. After the lapse of the aging period,cool and stir for further 10 minutes in multimixer. Measure apparent viscosity and yield value of the mud at 26 +/- 2 degC.</p>		

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Item No./ Mat. Code	Material Description	Quantity	UOM
	<p>(i) Apparent viscosity, cp : To record (ii) Yield value, lbs/100 ftsq : To record</p> <p>(b) Preparation of treated mud : To the other part of the mud, add 3% (w/v) of the sulphnated asphalt sample and mix in multimixer for 30 minutes. Hot age the mud at 65 degC in rolling condition for 18 hrs. After the lapse of the aging period, cool and stir the mud for 10 minutes in multimixer. Measure apparent viscosity and yield value at 26 +/- 2 degC which should be as follows :</p> <p>(i) Apparent viscosity,cp,min.: 40% of 7B(II)(a,i) (ii) Yield value,lbs/100 ftsq,min.:25%of 7B(II)(a,ii)</p> <p>8. <u>Packing</u> :</p> <p>The material should be packed in multiwalled paper bags with at least six layers and two innermost layers suitably water proofed, strong enough to withstand rigours of transit and storage. <u>Capacity 25 kgs net per bag.</u></p> <p>9. <u>Markings</u> :</p> <p>Each bag should have clear legible markings as given below :</p> <p>(i) Name of the product (ii) Name of the supplier (iii) Date/month/year of manufacture (iv) Supply order number against which the supply is made</p> <p>N.B. Apparent viscosity will be measured by a Fann VG meter and API fluid loss will be measured, in standard API fluid loss apparatus using compressed air or nitrogen as pressure source.</p>		

Note description for item no./nos. : 10**NOTE :**

a) Bidders must submit 3 (three) tender samples of ½ kg each of the offered product in 3 (three) separate air tight sealed containers free of cost for technical evaluation, failing which their offer(s) will be rejected.

b) Submission of tender sample is mandatory for all the bidders including those who were earlier exempted from submission of tender samples. All the exemption letters issued by OIL in this regard stand withdrawn. Hence all the bidders are to ensure strict compliance of the above.

Standard Notes: DELIVERY : PARTY TO QUOTE THEIR BEST DELIVERY PERIOD.

1) The tender is invited under SINGLE STAGE-COMPOSITE BID SYSTEM. The bidder has to submit both the "TECHNO-COMMERCIAL" and "PRICE" bids through electronic form in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The

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Techno-commercial Bid is to be submitted as per Scope of Work & Technical Specification of the tender and price bid as per the Online Price Bid format.

2) The techno-commercial bid should be submitted in "Technical Rfx", while the prices are to be quoted in the online price format under "Conditions" tab.

3) Performance Security @10% of order value, 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-July2012). Successful bidder will be required to furnish a Performance Bank Guarantee @ 10% of the order value which must be valid for one year from the date of shipment/despatch. Bidder must confirm the same in their technical Bid.

4) 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-July2012). The bid security shall be valid up to **09.10.2016**.

5) 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.

6) Bid validity shall be **minimum 120 days**. Bids with lesser validity shall be rejected.

BID REJECTION CRITERIA (BRC)

In addition to BRC criteria vide section - D of General Terms & Conditions for Global tenders (MM/GLOBAL/E-01/2005-JULY2012), the following clauses will be applicable against the tender failing which offer will be rejected.

1. The party should be preferably a Manufacturer of the product. In case the bidder is not a manufacturer, he should be an authorised representative / dealer / supplier of the product of manufacturer. The authorised representative / dealer / supplier should produce authority letter in original from its manufacturer authorizing them to submit the bid along with the bid. Such authority letter should be valid for the entire period of execution of the order.

2. In case the bidder is not in a position to submit Authority letter from the manufacturer then bidder must submit Quality Assurance certificate mentioning that the offered product will be of same or higher quality / standard of the tender sample submitted along with the bid in the event of bulk supply against order.

3. The bidder should have at least 3 years of manufacturing / supply experience of tendered item with supply record of minimum one order of 30% tender quantity of tendered material to various E&P / Mud Engineering companies. For this purpose the period reckoned shall be the period prior to the bid closing date of the tender. However, bidders whose materials have been successfully field tried extensively in OIL's operational area are exempted from meeting this criteria. Documentary evidence in support of above supply should be submitted along with the technical bid. OIL reserves the right to verify the same.

Note: To develop any new source, field trial followed by extensive field trial of the product are conducted. In case of field trial, order is placed for a quantity which is sufficient for 2 / 3 wells use. This gives the idea how this product performs in our field. Once this field trial is over, to assess the quality assurance and supplier's capability another order is placed with larger quantity for 5 / 6 wells use. Based on timely delivery as well as consistency in quality of the product, the

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vendor is developed. The second trial for a good number of wells is termed extensive field trial.

4. The bidder should submit tender sample of the product in triplicate (i.e. 3 samples) along with the bid. The bid should also accompany test report in original of their latest manufactured product. Further, the bidder should confirm that bulk supply will be same as the tender sample supplied for along with the tender.

5. The tender sample should be strictly as per OIL's specification.

6. The following points are deemed as "non-negotiable" and offer shall be rejected straightaway without seeking clarification in case of the following :

- i) Validity of bid shorter than validity indicated in the tender.
- ii) Original Bid Security not received within the stipulated date and time mentioned in the tender.
- iii) Bid security with (a) Validity shorter than the validity indicated in tender and/or (b) Bid security amount lesser than the amount indicated in the tender.

DD. Special Note:

i) Bidders must submit 3 (three) tender samples of ½ kg each of the offered product in 3 (three) separate air tight sealed containers free of cost for technical evaluation.

ii) The tender sample will be evaluated in OIL's laboratory as per OIL's tender specification for acceptance.

iii) Bidder shall submit a copy of Material Safety Data Sheet of the quoted product along with the bid.

iv) The material should be supplied in the original packing of the manufacturer with markings as specified in the tender.

v) Bidder shall confirm shelf life as per NIT requirement, wherever asked for. Any supply without shelf life or shelf life less than the NIT requirement shall be rejected.

vi) Considering the nature of the item, if the product offered by the lowest acceptable bidder is not field proven in OIL, purchaser at its discretion may place a trial order to the extent of 25% (maximum) only for field trial and vendor development and balance quantity will be procured from other competitive bidders whose product has been field proven in OIL.

vii) The supplied material against orders will be accepted after passing the specification test in the OIL's laboratory 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.