



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

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Email: mmfs1@oilindia.in;erp\_mm@oilindia.in

**TENDER NO. SSG 3829L15/05**

**DATE: 06.06.2014**

**INVITATION TO e-BID UNDER LIMITED TWO BID SYSTEM**

Dear Sirs,

OIL invites Bids for the supply of **PAC (SL) under TWO BID SYSTEM** through its e-Procurement site. The bidding documents and other terms and conditions are available at Booklet No. MM/GLOBAL/01/2005-July 2012. The prescribed Bid Forms for submission of bids are available in the tender document folder.

The general details of tender can be viewed by opening the RFx [ Tender no.] under RFx and Auctions page. The details of items tendered can be found under Item tab and details can be found under Technical RFx.

The tender is invited with firm price for the specified quantity. Further details of tender are given in Technical Rfx -> External Area -> Tender Documents as ANNEXURE 1A.

**The tender will be governed by:**

- a) "General Terms & Conditions" for e-Procurement as per Booklet NO. MM/GLOBAL/E-01/2005for E-procurement (ICB Tenders). Special attention to the bidders is drawn to Section – E of the document.
- b) Technical specifications, Quantity for **PAC (SL)** as per Annexure. 1A.
- c) The prescribed Bid Forms for submission of bids are available in the Technical Rfx -> External Area -> Tender Documents. Technical Checklist and Commercial Checklist vide **Annexure IV** must be filled-up and submitted along with the technical bid.
- d) Deemed Export Benefit are furnished vide Addendum to MM/GLOBAL/01/2005-July 2012 enclosed.
- e) The items covered by this tender shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Custom Duty during import will be applicable. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export are furnished vide Addendum to MM/GLOBAL/01/2005-July 2012 enclosed.

- f) **Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFX Response-> User - > Technical Bid only. The “TECHNO-COMMERCIAL UNPRICED BID” shall contain all techno-commercial details except the prices. Please note that no price details should be uploaded in Technical RFX Response.**
- g) **TENDER SAMPLE AS PER NIT SHOULD REACH US BEFORE BID CLOSING DATE & TIME**

**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 super scribed with tender no. and due date to **The Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam** on or before the Bid Closing Date and Time mentioned in the Tender.

- a) **Catalogue if any**  
b) **TENDER Sample**

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

**2.0 The Integrity Pact is applicable against this tender .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.**

**3.0** 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.

Yours faithfully,  
Oil India Limited

Sd-  
(BHAVIK MODY)  
PURCHASE OFFICER (FS-5)  
FOR HEAD MATERIALS  
FOR RESIDENT CHIEF EXECUTIVE

OIL INDIA LIMITED  
(A Govt. of India Enterprise)  
P.O. Duliajan-786602, Assam  
Fax-91 374 2800533  
E-mail: [mmfs1@oilindia.in](mailto:mmfs1@oilindia.in)

Tender No& Date : SSG3829L15/05 DATED 06.06.2014  
Tender Fee : Not Applicable.  
Bid Security Amount : Not Applicable  
**Bidding Type : SINGLE STAGE TWO BID SYSTEM**  
Bid Closing on : As mentioned in e-portal  
Bid Opening on : -Do-  
Validity of offer : Bid should be valid for 180 days from bid closing date.  
Performance Guarantee: Not Applicable

**OIL INDIA LIMITED invites Global tenders for items detailed below:**

**AA. TECHNICAL SPECIFICATIONS WITH QUANTITY**

Sl no.	Material	Quantity
<b>10</b> <b>85052073</b>	<b>FLUID LOSS CONTROL AGENT</b>  <b>POLYANIONIC CELLULOSE - SUPERLO GRADE (PAC-SL)</b>  General Purpose of Use To use in water base drilling fluid as fluid loss reducer and clay encapsulator.  Specification :  1. Physical Properties : The material, as received, should be a free flowing white to creamish/brownish white powder free from foreign matter and visible impurities.  2. Moisture content, measured by drying degC,% by mass, maximum. : 15.00 at 105+/- 2  3. Apparent viscosity of 1.0% (w/v) suspension of the material, as received, in fresh water and 4% salt water :  Prepare a 1% (w/v) suspension of the sample by stirring in a multimixer for 30 minutes in distilled water and 4%	<b>45,000 KG</b>

	<p>salt water (prepared by dissolving 4 gms of LR grade NaCl in 100 ml distilled water) and measure the apparent viscosity at 26+/- 2 degC by a Fann VG meter.</p> <p>(i) Apparent viscosity in fresh water, cp, max.: 20 (ii) Apparent viscosity in salt water, cp, max.: 16</p> <p>4. Yield of 15 cp apparent viscosity suspension : Prepare a 15 cp apparent viscosity suspension of the sample by stirring in a multimixer for 30 minutes in distilled water and 4% salt water (prepared by dissolving 4 gms of LR grade NaCl in 100 ml distilled water) and calculate the yield of the sample which should be as follows :</p> <p>(i) Yield in distilled water, KL/MT, minimum : 100 (ii) Yield in 4% salt water, KL/MT, minimum : 80</p> <p>5. Sodium carboxymethyl cellulose content, on dry basis, % by mass, (on dry basis), minimum. : 85.00</p> <p>6. Degree of substitution, minimum : 1.00</p> <p>7. Performance test :</p> <p>A. In fresh water mud -</p> <p>(i) Preparation of base mud :</p> <p>Prepare a 10.0% (w/v) suspension of OIL approved bentonite in distilled water 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 and adjust apparent viscosity in the range of 15-20 cp with distilled water. Also adjust PH in the range of 9.0-9.5 with 10% NaOH solution, if necessary. Stir the suspension for 15 minutes in multimixer and determine apparent viscosity, yield value and API fluid loss of the suspension at 26+/-2 degC which should be as follows.</p> <p>(a) Apparent viscosity, cp : 15-20 (b) Yield value, lbs/100 ftsq : To determine (c) API fluid loss, ml : To determine</p> <p>(ii) Preparation of treated mud.</p> <p>Treat the base mud 7A(i) with 0.5% (w/v) polyanionic cellulose (superlo grade) sample. Stir in a multimixer for 30 minutes and divide the mud into two parts.</p>	
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	<p>Performance at 26+/- 2 degC</p> <p>Measure apparent viscosity, yield value and API fluid loss of one part of the treated mud 7A(ii) at 26+/-2 degC which should be as follows.</p> <p>(a) Apparent viscosity, cp, max. : 2.5 times of 7A,ia  (b) Yield value, lbs/100ftsq,max. : 1.5 times of 7A,ib  (c) API fluid loss, ml, max. : 50% of 7A,ic</p> <p>Performance at 120+/-2 degC</p> <p>Age second part of the treated mud 7A(ii) at 120 +/-2 degC in rolling condition for 24 hrs. After aging, cool to 26+/-2 degC and stir in a multimixer for 15 minutes and determine apparent viscosity, yield value and API fluid loss of the mud at 26+/-2 degC which should be as follows :</p> <p>(a) Apparent viscosity, cp,max. : 1.5 times of 7A,ia  (b) Yield value, lbs/100ftsq.max : 1.5 times of 7A,ib  (c) API luid loss, ml, max. : 35% of 7A,ic</p> <p>B. In salt water mud -</p> <p>(i) Preparation of base mud :</p> <p>Prepare a 105% (w/v) suspension of OIL approved bentonite in distilled water 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 and add 4% NaCl (w/v) (LR grade)and age for 24 hrs. at 26+/-2 degC. Dilute the suspension with 4% NaCl solution and adjust apparent viscosity in the range 15-20 cp. Adjust PH in the range 9.0 - 9.5 with 10% NaOH solution, if necessary. Determine apparent viscosity, yield value and API fluid loss of the suspension at 26+/-2 degC which should be as follows.</p> <p>(a) Apparent viscosity, cp : 15 - 20  (b) Yield value, lbs/100 ftsq : To determine  (c) API fluid loss, ml : To determine</p> <p>Treat the base mud prepared as per 7B(i) with 0.5% (w/v) of polyanionic cellulose (superlo grade) sample and stir for 30 minutes in a multimixer.</p>	
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	<p>Performance at 26+/-2 degC</p> <p>Determine apparent viscosity, yield value and API fluid loss of the treated mud 7B(ii) at 26+/-2 degC which should be as follows:</p> <p>(a) Apparent viscosity, cp, min. : 2 times of 7B,ia  (b) Yield value, lbs/100ftsq, min : 1.5 times of 7B,ib  (c) API fluid loss, ml, max. : 15% of 7B, ic</p> <p>8. Packing :</p> <p>The material should be packed in multiwalled paper bags with at least two innermost layers suitably water proofed, strong enough to with stand rigours of transit and storage.</p> <p>Capacity 25 kgs net per bag.</p> <p>9. Each bag should have clear legible marking as given below :</p> <p>(i) Name of the product  (ii) Name of the supplier  (iii) Date/month/year of manufacture  (iv) Suply order number against which the supply is made.</p> <p>N.B. : Apparent viscosity will be measure by a Fan VG meter and API fluid loss will be measured in standard API fluid loss apparatus using compressed air or nitrogen as pressure source.</p>	
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**DELIVERY:**

**Bidder to quote best delivery period.**

**BB . Standard Note :**

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

2) In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that “TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFX Response-> User - > Technical Bid. No price should be given in above Technical Rfx otherwise the offer will be rejected. Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFX Response-> User - > Technical Bid only. The “PRICE BID” must contain the price schedule and the bidder’s commercial terms and conditions. The prices of the items should be quoted in “Conditions Tab”.

3) Bid should be valid for 180 days from bid closing date, failing which offer shall be rejected. Therefore, please ignore the minimum validity mentioned in the General Terms and Condition of Global Tender ( MM/GLOBAL/E-01/2005-july 2012).

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.

6) Price should be maintained in the “online price schedule” only. The price quoted in the “online price schedule” only will be considered. **No price should be given in Technical Rfx, otherwise the offer will be rejected.**

7) 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".

8) 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)

Their e-mail ids are available in OIL’s website [www.oil-india.com](http://www.oil-india.com)

## **CC. BID REJECTION CRITERIA ( BRC)**

**In addition to BRC criteria vide section –D of General Terms & Conditions for Global tenders (MM/GLOBAL/E-01/2005 - JULY 2012), 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 experiences of tendered item with supply record of minimum one order of 50% 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 date of opening of the techno-commercial bid. Documentary evidences in support of above supply should be submitted along with the technical bid. OIL reserves the rights to verify the same.
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. **Technical RFx folder is meant for Technical bid only. Therefore, No price should be given in Technical RFx, otherwise the offer will be rejected. Similarly, the technical bid is to uploaded in the Technical RFx only.**
7. **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.**

## **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) Generally the products which are field proven will be considered for bulk procurement against this tender. In case the product is not field proven, OIL reserve the right to place order for reduced / staggered quantity in order to assess the quality of the product in OIL's operational area. In such cases, party shall be allowed to supply subsequent quantity only after the initial quantity is found suitable upon field trial.
- 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.

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VENDORS LIST:

BIDDERS NAME	COUNTRY/CITY	FAX NO
M/S M I DRILLING FLUIDS (S) PTE LTD	SINGAPORE	65-3830996
M/S HALLIBURTON ENERGY SERVICES INC	USA	214 330 2304
M/S BAKER HUGHES INTEQ	USA	713 625 5672
M/S AKZO NOBEL FUNCTIONAL CHEMICALS BV	NETHERLANDS	+31 26 3664101
M/S M-I OVERSEAS LIMITED	UAE	+00971 2 4460086
M/S HALLIBURTON EXPORT COMPANY PTE. LTD	SINGAPORE	68612044