



ऑयल इंडिया लिमिटेड  
(भारत सरकार का उद्यम)  
**Oil India Limited**  
(A Government of India Enterprise)

P.O. DULIAJAN-786602,  
ASSAM, INDIA  
Phone : 0374-2800491  
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Email : bhavik\_mody@oilindia.in  
erp\_mm@oilindia.in

TENDER NO. SSG3788L17/01

DATE: 10.02.2017

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

Dear Sirs,

OIL invites Bids for the supply of **PAC-SL** through its e-Procurement site under **Limited International Competitive Bidding - Single Stage TWO 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 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-01/2005-July 2012 for 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) 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. However, Deemed Export Benefit for domestic bidders is not applicable against this tender. Domestic bidders to quote their prices without considering the deemed export benefit. Domestic bidders to also quote the applicable rate of Excise duty in their price bids. If a domestic bidder emerges L1 after loading of applicable rate of Excise duty, order shall be placed upon the bidder inclusive of the excise duty amount.

**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 DGM-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**

- 3.0 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.
- 4.0 All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) with organisation name 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.
- 5.0 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 the bid closing date and time failing which the offer shall be rejected.
- 6.0 **Two Bid System** shall be followed for this tender and only the price-bids of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.
- 7.0 **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.**
- 8.0 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**”.
- 9.0 **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. 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.

Yours Faithfully  
OIL INDIA LIMITED

Sd-

(BHAVIK MODY)  
SR. PURCHASE OFFICER (FS-1)  
FOR DGM - 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

**Tender No. & Date : SSG3788L17/01 10.02.2017**

Bid Security Amount : INR 0.00 OR USD 0.00  
(or equivalent Amount in any currency)

**Bidding Type : Single Stage Two Bid System**

Bid Closing On : 22.03.2017 at 11:00 hrs. (IST)  
Bid Opening On : 22.03.2017 at 14:00 hrs. (IST)

Performance Guarantee : Not Applicable

OIL INDIA LIMITED invites Limited tenders for items detailed below:

| Item No./<br>Mat. Code | Material Description   | Quantity | UOM |
|------------------------|--|----------|-----|
| <b>10</b><br>85052073  | <p><b><u>FLUID LOSS CONTROL AGENT</u></b><br/><b><u>POLYANIONIC CELLULOSE - SUPERLO GRADE (PAC-SL)</u></b><br/><b><u>General Purpose of Use</u></b><br/>To use in water base drilling fluid as fluid loss reducer and clay encapsulator.</p> <p><u>Specification :</u></p> <p>1. <u>Physical Properties</u> : The material, as received, should be a free flowing white to creamish/brownish white powder free from foreign matter and visible impurities.</p> <p>2. Moisture content, measured by drying degC,% by mass, maximum. : 15.00 at 105+/- 2</p> <p>3. Apparent viscosity of 1.0% (w/v) suspension of the material, as received, in fresh water and 4% salt water :<br/>-----<br/>Prepare a 1% (w/v) 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 measure the apparent viscosity at 26+/- 2 degC by a Fann VG meter.</p> <p>(i) Apparent viscosity in fresh water, cp, max.: 20<br/>(ii) Apparent viscosity in salt water, cp, max.: 16</p> <p>4. <u>Yield of 15 cp apparent viscosity suspension</u> :<br/>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<br/>(ii) Yield in 4% salt water, KL/MT, minimum : 80</p> <p>5. Sodium carboxymethyl cellulose content, on dry basis, % by mass, (on dry</p> | 108000   | KG  |

Tender No. &amp; Date : SSG3788L17/01

10.02.2017

| Item No./<br>Mat. Code | Material Description  | Quantity | UOM |
|------------------------|---|----------|-----|
|                        | <p>basis), minimum. : 85.00</p> <p>6. Degree of substitution, minimum : 1.00</p> <p>7. <u>Performance test</u> :</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<br/> (b) Yield value, lbs/100 ftsq : To determine<br/> (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> <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<br/> (b) Yield value, lbs/100ftsq,max. : 1.5 times of 7A,ib<br/> (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<br/> (b) Yield value, lbs/100ftsq,max : 1.5 times of 7A,ib<br/> (c) API fluid loss, ml, max. : 35% of 7A,ic</p> <p>B. In salt water mud -</p> <p>(i) <u>Preparation of base mud</u> :</p> |          |     |

Tender No. &amp; Date : SSG3788L17/01

10.02.2017

| Item No./<br>Mat. Code | Material Description   | Quantity | UOM |
|------------------------|--|----------|-----|
|                        | <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<br/> (b) Yield value, lbs/100 ftsq : To determine<br/> (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> <p><u>Performance at 26+/-2 degC</u></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<br/> (b) Yield value, lbs/100ftsq, min : 1.5 times of 7B,ib<br/> (c) API fluid loss, ml, max. : 15% of 7B, ic</p> <p>8. <u>Packing</u> :</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.<br/> <u>Capacity 25 kgs net per bag.</u></p> <p>9. Each bag should have clear legible marking as given below :</p> <p>(i) Name of the product<br/> (ii) Name of the supplier<br/> (iii) Date/month/year of manufacture<br/> (iv) Supply order number against which the supply is made.</p> <p><b><u>N.B.</u></b> :1) 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.<br/> 2) The Supplied Materials must meet OIL's specifications in all respect.</p> |          |     |

**Standard Notes:** DELIVERY: Bidder to quote best delivery period.

**AA. 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 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 **120 days** from bid closing date, failing which offer shall be rejected.
- 4) The tender sample (3 samples in separate airtight containers) should reach us before bid closing date and time stipulated in the e-tender. Offer shall be rejected straightaway on non-submission of sample.
- 5) 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.
- 6) 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".
- 7) The Integrity Pact is applicable against this tender. Therefore, please attach the Integrity Pact document duly signed along with your quotation as per BRC. The name of the OIL's Independent External Monitor at present are as under:
  1. SHRI RAJIV MATHUR, IPS (Retd.),
  2. SHRI SATYANANDA MISHRA, IAS(Retd.)The email ids are furnished in OIL's website, [www.oil-india.com](http://www.oil-india.com)
- 8) The bulk supply must meet OIL's specifications in all respect.

| Vendor Code | Vendor Name                         |
|-------------|-------------------------------------|
| 100451      | M I DRILLING FLUIDS (S) PTE LTD     |
| 100593      | HALLIBURTON ENERGY SERVICES INC     |
| 100836      | BAKER HUGHES INTEQ                  |
| 101055      | AKZO NOBEL FUNCTIONAL CHEMICALS BV  |
| 102000      | M-I OVERSEAS LIMITED                |
| 102538      | HALLIBURTON EXPORT COMPANY PTE. LTD |