



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

P.O. Duliajan - 786602  
TELEPHONE NO. (91-374) 2800491  
FAX NO: (91-374) 2800533  
EMAIL: [bhavik\\_mody@oilindia.in](mailto:bhavik_mody@oilindia.in);  
[erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in)

TENDER NO. SSG0007L16

DATE: 23.01.2016

**INVITATION TO e-BID UNDER SINGLE STAGE TWO BID SYSTEM**

Dear Sirs,

OIL invites Bids for the supply of **XC POLYMER** under **LIMITED INTERNATIONAL COMPETITIVE BIDDING - SINGLE STAGE TWO BID SYSTEM** through its e-Procurement site. The bidding documents and other terms and conditions are available at Booklet No. MM/GLOBAL/E-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-01/2005-July2012 for E-procurement (ICB Tenders). Special attention to the bidders is drawn to Section – E of the document.
- b) Technical specifications, Quantity for XC POLYMER 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. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export 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 super scribed 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

- 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 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.
- 3.0 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.
- 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 the bid closing date and time failing which the offer shall be rejected.
- 5.0 **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)  
PURCHASE OFFICER (FS)  
FOR HEAD – MATERIALS  
FOR RESIDENT CHIEF EXECUTIVE



**ANNEXURE – 1 A**

Tender No : SSG0007L16 Date: 23.01.2016

Tender Fee : NOT APPLICABLE.

Bid Security Amount : NOT APPLICABLE.

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : 20.04.2016

Bid Opening on : 20.04.2016

Bid Validity : Bid should be valid for 180 days from bid closing date.

Performance Guarantee : NOT APPLICABLE.

**OIL INDIA LIMITED invites Global Limited tenders for item detailed below:**

**AA. TECHNICAL SPECIFICATIONS WITH QUANTITY**

SL. NO. & MATERIAL CODE	MATERIAL DESCRIPTION	QUANTITY
10 85043961	<p><b>PRIMARY VISCOSIFIER / DOWNHOLE VISCOSITY MODIFIER IN DRILLING MUD.</b></p> <p><b>XCD BIOPOLYMER</b></p> <p><u>Description and use :</u></p> <p>A biologically produced polymer to use in water based drilling fluids for increasing viscosity and as a downhole rheology modifier.</p> <p><u>Specification :</u></p> <p>1. <u>Product description:</u> Dispersible Xanthan Gum Biopolymer - A dispersible Xanthan Gum Biopolymer to be used as primary viscosifier in water base drilling fluid in temperature upto 120 deg C. The product should be a high molecular weight biopolymer produced by the action of microorganism Xanthomonas Campestris on</p>	90,000 KG

	<p>a high purity carbohydrate Xanthan gum. The material should be free from all kinds of dead bacteria and should give clear water like solution without any turbidity.</p> <p>2. <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>3. <u>Moisture Content</u>, measured by drying at 105 +/- 2 degC, % by mass, maximum: <b>15.00</b>.</p> <p>4. <u>Dispersibility / solubility test</u>: Should be quickly and easily dispersible in water when sprayed in water taken in a breaker and should not remain floating. 1.00% (w/v) solution of the product in distilled water after mixing in multimixer for 30 minutes should give clean solution without turbidity.</p> <p>5. <u>Rheological properties</u>: Prepare a 0.5% (w/v) solution of the sample in distilled water containing 1% NaCl (LR grade)(w/v) by stirring in a multimixer for 30 minutes. Adjust PH of the solution in the range 8 - 9 by addition of 1N NaOH solution while stirring. Determine the rheological properties of the suspension at 26 +/- 2 degC which should be as follows :</p> <p>(i) Apparent viscosity, cp : 15 - 25  (ii) "0" minute gel, lbs/100 ftsq, minimum : 8  (iii) "N" value at 200 &amp; 100 rpm of Fann VG meter, maximum.: 0.40</p> <p>6. <u>Crosslinking properties</u>: To 500 ml of distilled water, add 5 ml of 3% (w/v) solution of calcium chloride (fused and analar grade) and to this solution, add 0.5% (w/v) of the sample while stirring in a multimixer. Stir the suspension further for 30 minutes in a multimixer. To this add 2% (w/v) chrome alum powder (LR grade) and stir for additional 10 min. Adjust the PH in the range 8-9 by 1N NaOH solution while stirring. Determine the rheological properties of the suspension at 26 +/- 2 degC which should be as under :</p> <p>(i) Apparent viscosity, cp, minimum : 40  (ii) Yield value, lbs/100 ftsq, minimum : 40  (iii) "0" minute gel, lbs/100 ftsq, minimum : 20  (iv) "15" minute gel, lbs/100 ftsq, minimum : 100</p> <p>7. <u>Performance Test</u> :  Preparation of base mud: Prepare a 0.5% (w/v) solution of the sample in distilled water by stirring in a multimixer for 30 minutes. Adjust the PH to 8 - 9 with 1N NaOH solution. Add to it 3% of the OIL approved benonite powder and stir for 30 minutes. Determine apparent</p>	
--	--	--

	<p>viscosity, yield value and API fluid loss of the mud at 26 +/- 2 deg C.</p> <p>Age the treated mud at 100 +/- 2 degC for 18 hrs. in rolling condition. Cool and stir for 15 minutes in a multimixer. Determine apparent viscosity, yield value and API fluid loss at 26 +/- 2 degC which should be as under:</p> <p>(i) Apparent viscosity, cp : should not decrease  (ii) Yield value, lbs/100 ftsq : should not decrease  (iii) API fluid loss, ml : should not increase</p> <p>8. <u>Temperature stability</u>: Prepare 0.5% (w/v) solution of the sample in saturated salt water (prepared by dissolving analar grade NaCl in distilled water) by stirring in a multimixer for 30 minutes. Adjust PH to 8 - 9 by 1N NaOH solution. Record apparent viscosity and yield value of suspension at 26 +/- 2 deg C.</p> <p>Age the solution in a roller oven in rolling condition at 120 +/- 2 deg C for 18 hrs. Cool and stir for 5 minutes. Measure apparent viscosity and yield value of the solution at 26 +/- 2 degC which should be as under :</p> <p>(i) Apparent viscosity, cp : should not decrease  (ii) Yield value, lbs/100 ftsq : should not decrease</p> <p>9. Prepare a 0.5% (w/v) solution of the sample in distilled water by stirring in a multimixer for 30 minutes. Add to it 5 ml of 20% (w/v) hot solution of borax and stir for 5 minutes. No stiff gel formation should take place.</p> <p>10. <u>Packing</u>: The material should be packed in multiwalled paper bags with at least two innermost layers are suitably water proofed strong enough to withstand rigours of transit and storage.</p> <p>11. <u>Markings</u> : 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 and yield value 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>	
--	---	--

**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) Offers should be valid up to 180 days from the Bid Closing Date, failing which offer shall be rejected.
- 4) Price should be maintained in the “online price schedule” only. The price quoted in the “online price schedule” only will be considered.
- 5) 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.
- 6) Commercial bids of only those bidders will be opened whose offers are found technically acceptable. The technically acceptable bidders will be informed before opening of the "COMMERCIAL BID".
- 7) 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 1<sup>st</sup> 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 and Small Enterprises(MSE) in the tender is furnished vide Amendment to General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005-July2012). Bidders are requested to take note of the same and to submit their offers accordingly.
- 8) **Integrity Pact is applicable against this tender.** The name of the OIL’s Independent External Monitor at present is as under:

I. SHRI RAJIV MATHUR, IPS (Retd.),

His email ids are furnished in OIL’s website, [www.oil-india.com](http://www.oil-india.com)

- 9) 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.
- 10) 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.

-----XXXX-----

This tender has been issued to following vendors :

Vendor Code	Vendor Name
100451	M I DRILLING FLUIDS (S) PTE LTD
100593	HALLIBURTON ENERGY SERVICES INC
101110	CP KELCO OIL FIELD GROUP
102000	M-I OVERSEAS LIMITED
102538	HALLIBURTON EXPORT COMPANY PTE. LTD
103045	HALLIBURTON(BAROID) ENERGY SERVICES