



TENDER NO. SSG7519L16

DATE: 16.06.2015

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

Dear Sirs,

OIL invites Bids for the supply of **XC POLYMER** under **LIMITED 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) Catalogue, if any
- b) Any other document required to be submitted in original as per tender requirement

All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in triplicate.

- 2.0 **Tender Sample to be submitted before bid closing date and time.**
- 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.**
- 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.
- 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.
- 10.0 **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-

(M. B. SINGHA)  
DEPUTY MANAGER MATERIALS (FS)  
FOR HEAD – MATERIALS  
FOR RESIDENT CHIEF EXECUTIVE



**ANNEXURE – 1 A**

Tender No : SSG7519L16 Date: 16.06.2015

Tender Fee : NOT APPLICABLE.

Bid Security Amount : NOT APPLICABLE.

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : 05.08.2015

Bid Opening on : 05.08.2015

Bid Validity : Bid should be valid for 120 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>	72,000 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>	
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	<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>	
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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) **Offers should be valid up to 120 days from the Bid Closing Date, failing which offer shall be rejected.**
- 4) **The tender sample should reach us before bid closing date and time stipulated in the e-tender.**
- 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.
- 7) 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.
- 8) 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".
- 9) 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.
- 10) **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.**

**11) Integrity Pact is applicable against this tender.** The name of the OIL's Independent External Monitors at present is as under:

1. SHRI RAGHAW SHARAN PANDEY, IAS (Retd.),
2. SHRI RAJIV MATHUR, IPS (Retd.),

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

12) 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.

#### **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 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 evidences in support of above supply should be submitted along with the technical bid. OIL reserves the rights 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 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. 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 be uploaded in the Technical RFx only.
7. 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. In case the party refuses to sign the Integrity Pact.

**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 items, 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.

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**TENDER DOCUMENT HAS BEEN ISSUED TO THE FOLLOWING VENDORS –**

<b>Srl. No.</b>	<b>Vendor Code</b>	<b>Name of the vendor</b>
1	103255	KELCO OIL FIELD GROUP, UK
2	100451	M I DRILLING FLUIDS (S) PTE LTD., SINGAPORE
3	100593	HALLIBURTON ENERGY SERVICES INC, USA
4	101110	CP KELCO OIL FIELD GROUP, USA
5	102000	M-I OVERSEAS LIMITED, UAE
6	102538	HALLIBURTON EXPORT COMPANY PTE. LTD., SINGAPORE
7	103045	HALLIBURTON(BAROID) ENERGY SERVICES, KUALA LUMPUR