



Oil India Limited  
(A Govt. of India Enterprise)  
P.O. Duliajan – 786602, Assam

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Tender No. & Date: SDG 6391P15/07 dtd 24.02.2015

Tender Fee : INR 4,500.00 OR USD 100.00  
Bid Security Amount : INR 1, 97, 100.00 OR USD 4,380.00

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : As mentioned in the Basic Data of the tender in OIL's e-portal.

Bid Opening on : As mentioned in the Basic Data of the tender in OIL's e-portal.

Performance Guarantee : Applicable

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

| Item No. /<br>Mat. Code | Material Description   | QTY. | UOM  |
|-------------------------|--|------|------|
| 1                       | Supply of Mud Motor as per the following:<br><br>a) Detailed specification – Annexure - A<br><br>b) Bid Rejection Criteria (BRC) and Bid Evaluation Criteria – Annexure-B.<br><br>c) Technical & Commercial Check list - Annex - C | 04   | Nos. |

**Special Notes :**

- 1.0 The tender will be governed by "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to "General Terms & Conditions" for e-Procurement.
- 2.0 Technical and Commercial Check list is furnished vide Annexure – C. Please ensure that the check list is properly filled up and uploaded along with Technical bid.
- 3.0 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 are furnished vide Addendum to MM/GLOBAL/E-01/2005 attached. However, Indian bidders will not be issued Recommendatory Letter.
- 4.0 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) Original Bid Security.

b) Details Catalogue and any other document which have been specified to be submitted in original.

- 5.0 The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidder has to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED 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 Priced Bid format**.
- 6.0 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". Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under "Notes & Attachments"
- 7.0 PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALLY ACCEPTABLE.
- 8.0 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.
- 9.0 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.
- 10.0 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. **If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.**

OIL's Independent External Monitors at present are as under:

**(I) SHRI RAGHAW SHARAN PANDEY, IAS (RETD.)**  
**Former Secretary, Ministry of Petroleum & Natural Gas**  
**E-MAIL ID : rspandey\_99@yahoo.com**

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**Specification of items:**

3.1/2" (88.90 MM) OD DOWN HOLE MUD MOTOR, WITH SLICK HOUSING, SUITABLE FOR CARRYING OUT SAND CLEANING, CEMENT CUTTING, MILLING / DRILLING BRIDGE PLUG, PACKER, JUNK, ETC. INSIDE 5.1/2" OD (20 PPF) CASING, WITH ALL ACCESSORIES AS PER UNDERNOTED SPECIFICATION :-

Mud Motor OD = 3.1/2" (88.9 MM)  
 Lobe configuration = 5:6 (minimum)  
 Stages = 3.0 (minimum)  
 Operating Temperature = up to 120 Degree C (248 Degree F)  
 Motor flow rate range = 70-160 GPM (265-606 LPM)  
 Displacement = around 1.5 revolution per Gallon at flow rate of 160 GPM (606 LPM)  
 Bit speed = 100 - 240 RPM  
 Bit Pressure Drop range = Between 700 PSI to 1500 PSI (49.2 kg/sq.cm. to 105.5 kg/sq.cm)  
 Differential Pressure (at full load) = not less than 400 PSI (28.13 kg/sq.cm)  
 Torque, Full Load = not less than 700 ft-lbs (97 kg-m) at around 450 PSI differential pressure.  
 Peak Torque = not less than 900 ft-lbs (124 Kg-m)  
 Power = not less than 30 HP (22.4 kW)  
 Bit size range = 4.1/4" to 5" (107.95 MM to 127 MM)  
 Weight on Bit = not less than 7000 lbs.  
 Top thread connection = 2.7/8" (73.025 mm) API REG RH Box  
 Bottom thread connection = 2.7/8" (73.025 mm) API REG RH Box  
 Overall length = 5.00 mtrs. (maximum)

**Note:**

1. All bearings should be mud-lubricated, tungsten carbide type.
2. The dump valve section and slick housing should be integral to the motor and the joints should be power tightened.
3. Motor should be suitable for use with water base mud or work-over fluids either with TCR (i.e. both mill tooth & insert) or PDC bits.
4. Motor should be complete with elevator sub for lifting purpose. The elevator sub should be suitable for use with square shouldered 2.7/8" OD drill pipe elevator.
5. Motor should be complete with safety catch in order to prevent fishing operation on a broken motor in the well.
6. Dump sub connections should preferably be 2.7/8" (73.025 mm) API REG RH Box x Pin down.

**Special Notes:**

1. The bidder must specify the offered item in details & should forward relevant product catalogue with drawing & literature of the offered item along with its performance curves.
2. The items shall be brand new, unused & of prime quality. The manufacturer shall warrant (in the event of an order) that the product supplied will be free from all defects & faults in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 18 months from date of despatch/shipment or 12 months from date of receipt of the items. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. Bidders must confirm the same in their quotations.

3. The Mud Motor along with all the components should be suitable for operation with the following drilling and work-over fluids:
  - a) Salt solution: Sodium dichromate, cutch, common salt, CMC etc. and with 6000 ppm salt.
  - b) Drilling fluid: Water base mud and KCL / NaCl mud.
4. The bidder should forward Operation, service & maintenance manual (indicating assembling & disassembling procedures), drawing and spare parts book having illustrated drawings and exploded views of the items with part nos. One set must be forwarded with the quotation and three sets with the consignment.
5. The bidder should forward a list of recommended spares for two years operation indicating year wise requirement with break up of such spares indicating price and part no of each & every item. However the cost of these spares will not be considered for bid evaluation purpose.
6. All test certificates / report (including dynamometer test) for mud motors should be forwarded along with the consignment (bidder must confirm the same while quoting).
7. All parts of the mud motor should be suitably marked for identification purpose. Additionally P.O. No. should be die stamped on the body of mud motor (in the event of order).
8. The item should be suitably coated with a protective coating both internally & externally to prevent corrosion and rusting during transit.
9. Threading and gauging of the rotary shoulder connections of Mud Motor should be as per API Spec.7-1 [latest edition].
10. Bidder must sign & submit the technical check list enclosed with this tender.
11. Bidder must indicate the name of manufacturer & country of origin.
12. In case bidder is not the Original Equipment Manufacturer (OEM), proper authorization certificate (in original) is required with back-up warranty & guarantee from OEM to quote against this tender, failing which offer will be rejected.
13. For reason of compatibility the Mud Motor together with its accessories shall be procured from the same source.
14. Other terms and conditions of the tender shall be as per "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) and its amendments. However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

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**BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC)**

**(A) BID REJECTION CRITERIA (TECHNICAL)**

Bid is subjected for rejection in case any of the under noted points are not full filled.

1. Bidders / Manufacturers who have not supplied the offered make of MUD MOTOR to OIL INDIA LIMITED in the past must have an experience of supplying at least three (3) Nos. MUD MOTORS of offered make in the last 3 years prior to the Bid Closing date. They must enclose the details of past supplies along with copies of orders and Performance Certificate from at least two (2) end users along with the offer.
2. The OD of MUD MOTOR should be 3.1/2" with 2.7/8" (73.025 mm) API REG RH Box-up & Box-down connection.
3. The minimum lobe configuration of MUD MOTOR should be 5:6 (with at least 3 stages).
4. The MUD MOTOR should be suitable for operation in temperature range up to 120 degree C (248 degree F).
5. The MUD MOTOR should be capable of handling flow rate of 70-160 GPM (265-606 LPM).
6. The MUD MOTOR should have a bit speed of 100-240 RPM.
7. The MUD MOTOR differential pressure at full load should not be less than 400 PSI (28.13 kg/sq.cm).
8. The Torque (at full load) of MUD MOTOR should not be less than 700 ft-lbs (97 kg-m) at around 450 PSI differential pressure.
9. The MUD MOTOR should be capable of delivering a minimum power of 30 HP (22.4 kW).
10. The MUD MOTOR should be suitable for use with bit size ranging from 4.1/4" to 5" (i.e. TCR & PDC bits).
11. The MUD MOTOR should have slick housing. Mud Motors with adjustable bent housing will not be accepted.
12. The overall length of MUD MOTOR should not be more than 5.00 Mts.
13. All bearings of MUD MOTOR should be mud-lubricated.
14. The MUD MOTOR should have a safety catch as indicated in the specification.

**(B) COMMERCIAL :**

Commercial Bid Rejection Criteria will be as per Section D of General Terms & Conditions of Global Tender (MM/GLOBAL/E-01/2005) with following Special Bid Rejection Criteria.

- 1.0 Bids are invited under Single Stage Two Bid System. Bidders shall quote accordingly under Single Stage Two Bid System. Please note that no price details should be furnished in the Technical (i.e. Unpriced)bid. The "Unpriced Bid" shall contain all techno-commercial details except the prices, which shall be kept blank. The "Price Bid" must contain the price schedule and the bidder's commercial terms and conditions.  
Bidder not complying with above submission procedure will be rejected.
- 2.0 Bid security of **US \$ 4,380.00 or Rs. 1,97,100.00** shall be furnished as a part of the TECHNICAL BID (refer Clause Nos.9.0 & 12.0 (Section A) of "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders)). **Any bid not accompanied by a proper bid security in ORIGINAL will be rejected without any further consideration.** A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.

- 2.1 For exemption for submission of Bid Security, please refer Clause No. 9.8 (Section A) of "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).
- 2.2 The Bid Security shall be valid for one year from the date of tender opening i.e, valid upto **12.05.2016**.
- 3.0 Validity of the bid shall be minimum 180 days from Bid closing date. Bids with lesser validity will be straightway rejected.
- 4.0 Bidders must confirm that Goods, materials or plant(s) to be supplied shall be new of recent make and of the best quality and workmanship and shall be guaranteed for a period of 18(eighteen) months from the date of shipment/dispatch or 12(twelve) months from the date of receipt and acceptance whichever is earlier against any defects arising from faulty materials, workmanship or design. Defective goods/materials or parts rejected by OIL shall be replaced immediately by the supplier at the supplier's expenses and no extra cost to OIL.
- 5.0 Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for one year from the date of receipt/acceptance of goods or 18 months from the date of shipment/despatch. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.
- 6.0 Bidders are required to submit the summary of the prices in their commercial bids as per bid format (Summary), given below:
- (i) Commercial Bid Format ( SUMMARY ) for Foreign Bidders :
- (A) Total Material Value
  - (B) Packing & FOB Charges
  - (C) Total FOB Port of Shipment value, ( A + B ) above
  - (D) Ocean Freight Charges upto Kolkata, India
  - (E) Insurance Charges
  - (F) Total CIF Kolkata value, ( C + D + E )
  - (G) Total value in words :
  - (H) Gross Weight :
  - (I) Gross Volume :
- (ii) Commercial Bid Format ( SUMMARY ) for Indigenous Bidders :
- (A) Total Material Value
  - (B) Packing and Forwarding Charges
  - (C) Total Ex-works value, ( A + B ) above
  - (D) Excise Duty with Education Cess, (Please indicate applicable rate of Duty)
  - (E) Sales Tax, (Please indicate applicable rate of Tax)
  - (F) Total FOR Despatching station price, ( C + D + E ) above
  - (G) Road Transportation charges to Duliajan
  - (H) Insurance Charges
  - (I) Assam Entry Tax

- (J) Total FOR Duliajan value, ( F + G + H + I ) above  
(K) Total FOR Duliajan value in words :  
(L) Gross Weight :  
(M) Gross Volume :

**NOTE :**

1. Cost of individual items must be quoted separately.
  2. The items covered under this enquiry shall be used by OIL in the PEL/ML areas issued/renewed after 01/04/99 and hence, applicable Customs Duty for import of goods shall be ZERO. Indigenous bidders must quote Deemed Export prices. Excise Duty under Deemed Export exempted. However, Indian bidders will not be issued Recommendatory Letter.
- 7.0 Offers should be submitted with Integrity Pact duly signed by the authorized signatory of the bidder. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.
- 8.0 The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.
- 9.0 Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.
- 10.0 Bids containing incorrect statement will be rejected.
- 11.0 No offers should be sent by E-mail or Fax. Such offers will not be accepted.
- 12.0 Bidders shall quote directly and not through Agents in India. Offers made by Indian Agents on behalf of their foreign principals will be rejected. Similarly offers from unsolicited bidders will be rejected.

**(II) BID EVALUATION CRITERIA (BEC) :**

Bids conforming to the specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria mentioned in Section D of "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005.

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**CHECK LIST**

THE CHECK LIST MUST BE COMPLETED AND RETURNED WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE TICK MARK 'YES' OR 'NO' TO THE FOLLOWING QUESTIONS, IN THE RIGHT HAND COLUMN.

**(A) TECHNICAL CHECK LIST**

| <u>Sl No.</u> | <u>REQUIREMENT</u>   | <u>COMPLIANCE</u> |
|---------------|--|-------------------|
| 1.            | Whether the OD of offered MUD MOTOR is 3.1/2" & is suitable for operation in 5.1/2" x 20 PPF casing?   | YES/NO            |
| 2.            | Whether the offered MUD MOTOR is capable of handling a flow rate of 70-160 GPM (265-606 LPM) and is suitable for operation with the drilling and work-over fluids as mentioned in this tender? | YES/NO            |
| 3.            | Whether the torque (at full load) of offered MUD MOTOR is more than or equal to 700 ft-lbs (97 kg-m) at around 450 PSI differential pressure?  | YES/NO            |
| 4.            | Whether the top & bottom connections of offered MUD MOTOR are 2.7/8" API REG RH Box-up & Box-down respectively?  | YES/NO            |
| 5.            | Whether the offered MUD MOTOR is capable of delivering a minimum power of 30 HP (22.4 kW)?   | YES/NO            |
| 6.            | Whether the length of offered MUD MOTOR is less than or equals to 5.00 Mtrs?   | YES/NO            |
| 7.            | Whether the bearings of offered MUD MOTOR is mud-lubricated?   | YES/NO            |
| 8.            | Whether the offered MUD MOTOR is furnished with elevator sub for lifting purpose & suitable for use with square shouldered 2.7/8" OD drill pipe elevator?                                      |                   |
| 9.            | Whether relevant Catalogue, Drawing, Literature & installation, maintenance, operation & service manual (with illustrated drawings & exploded views) along with performance curves enclosed?   | YES/NO            |
| 10.           | Whether the list of recommended spares for MUD MOTOR is enclosed?  | YES/NO            |
| 11.           | Whether the name of manufacturer & country of origin indicated?  | YES/NO            |
| 12.           | Whether the authorization from OEM together with warranty back-up enclosed?  | YES/NO            |

|                           |  |
|---------------------------|--|
| <i>Offer reference</i>    |  |
| <i>Name of the Bidder</i> |  |



**(B) COMMERCIAL CHECK-LIST**

| Sl. No. | PARAMETERS/REQUIREMENTS   | BIDDER RESPONSE | REMARKS IF ANY |
|---------|---|-----------------|----------------|
| 1.      | Whether Original Signed quotation submitted?  | YES/NO          |                |
| 2.      | Whether quoted as manufacturer?   | YES/NO          |                |
| 3.      | Whether quoted as authorized dealer? [To Specify]   | YES/NO          |                |
| 4.      | If quoted as authorized dealer,   |                 |                |
| 5.      | (a)Whether submitted valid and proper authorization letter from manufacturer IN ORIGINAL confirming that bidder is their authorized dealer for the product offered? | YES/NO          |                |
| 6.      | (b)Whether manufacturer's back-up Warranty/Guarantee certificate submitted?   | YES/NO          |                |
| 7.      | Whether bid submitted under single stage Two-Bid System?  | YES/NO          |                |
| 8.      | Whether ORIGINAL Bid Bond (not copy of Bid Bond) enclosed with the offer? If YES, provide details   | YES/NO          |                |
|         | (a) Amount :  |                 |                |
|         | (b) Name of issuing Bank :  |                 |                |
|         | (c) Validity of Bid Bond :  |                 |                |
| 9.      | Whether offered firm prices?  | YES/NO          |                |
| 10.     | Whether quoted offer validity of 180 days from the date of closing of tender?   | YES/NO          |                |
| 11.     | Whether quoted a firm delivery period?  | YES/NO          |                |
| 12.     | Whether quoted as per NIT (without any deviations)?   | YES/NO          |                |
| 13.     | Whether any deviation is there in the offer?  | YES/NO          |                |
| 14.     | Whether deviation separately highlighted?   | YES/NO          |                |
| 15.     | Whether agreed to the NIT Warranty clause?  | YES/NO          |                |
| 16.     | Whether Price Bid submitted as per Price Schedule?  | YES/NO          |                |
| 17.     | Whether indicated the country of origin for the items quoted?   | YES/NO          |                |
| 18.     | Whether all the items of tender quoted?   | YES/NO          |                |
| 19.     | Whether technical literature/catalogue/drawings enclosed?   | YES/NO          |                |
| 20.     | For Foreign Bidders - Whether offered FOB/FCA port of dispatch including sea/air worthy packing & forwarding?   | YES/NO          |                |
| 21.     | For Foreign Bidders – Whether port of shipment indicated? [To specify]  | YES/NO          |                |
| 22.     | For Foreign Bidders only - Whether indicated ocean freight up to C&F Kolkata port (Excluding marine insurance)?   | YES/NO          |                |
| 23.     | Whether Indian Agent applicable?  | YES/NO          |                |
|         | If YES, whether following details of Indian Agent provided?   |                 |                |
|         | (a) Name & address of the agent in India – To indicate  |                 |                |
|         | (b) Amount of agency commission – To indicate   |                 |                |
|         | (c) Whether agency commission included in quoted material value?  | YES/NO          |                |
| 24.     | Whether weight & volume of items offered indicated?   | YES/NO          |                |
| 25.     | Whether confirmed to submit PBG as asked for in NIT?  | YES/NO          |                |
| 26.     | Whether agreed to submit PBG within 30 days of placement of order?  | YES/NO          |                |
| 27.     | For Indian bidders – Whether place of dispatch indicated in the offer? [To specify]   | YES/NO          |                |
| 28.     | For Indian bidders – Whether road transportation charges up to Duliajan quoted?   | YES/NO          |                |
| 29.     | For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?  | YES/NO          |                |
| 30.     | For Indian Bidders only - Whether offered Deemed Export prices?   | YES/NO          |                |
| 31.     | Whether quoted prices are exclusive of Excise duty?   | YES/NO          |                |
| 32.     | For Indian bidders only – whether import content indicated in the offer?  | YES/NO          |                |
| 33.     | For Indian Bidders only - whether all Taxes have been indicated categorically?  | YES/NO          |                |
| 34.     | Whether all BRC/BEC clauses accepted?   | YES/NO          |                |
| 35.     | Whether confirm to accept all clauses of Integrity Pact?  | YES/NO          |                |
| 36.     | Whether duly signed Integrity Pact enclosed?  | YES/NO          |                |

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