



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

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Tender No. & Date : SDG8405P16/06 dtd 31.08.2015

Tender Fee : INR 4,500.00 OR USD 100.00

Bid Security Amount : INR 2,70,000.00 OR USD 4,015.00

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : 04.11.2015 at 11.00 hrs (IST)

Technical Bid Opening : 04.11.2015 at 14.00 hrs (IST)

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Global Tenders for items detailed below:

Item No. / Mat. Code	Material Description	QTY.	UOM
1	Supply of 3.1/2" (88.90 MM) OD Down Hole Mud Motor With Slick Housing as per the following:	4	Nos.
	a) Detailed specification - Annexure - A b) Bid Rejection Criteria (BRC) and Bid Evaluation Criteria - Annexure-B. c) Commercial Check list - Annexure-C		

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 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 item qualifies for Nil duty / Deemed Export benefits. For Deemed Export benefits please refer Addendum to the General terms

and conditions for Global tender.

- 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 13:00 hrs (IST) on the Bid Closing Date mentioned in the Tender.**

a) Original Bid Security along with two duplicate copies of 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" shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab "Notes and Attachments".

Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.

- 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-COMMERCIALY 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 declines 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

- (II) **SHRI RAJIV MATHUR, IPS (Retd.)**
Former Director, IB, Govt. of India,
E-Mail ID : rajivmathur23@gmail.com

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Specification of items:

**3.1/2" (88.90 MM) OD DOWN HOLE MUD MOTOR WITH SLICK HOUSING
- 04 NOS**

A) 3.1/2" (88.90 MM) OD DOWN HOLE MUD MOTOR, WITH SLICK (STRAIGHT) 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 FOLLOWING MINIMUM SPECIFICATION FOR EACH ITEM :-

- 1) Mud Motor OD = 3.1/2" (88.9 MM)
- 2) Lobe configuration = 5:6 (minimum)
- 3) Stages = 3.0 (minimum)
- 4) Operating Temperature = up to 120 Degree C (248 Degree F)
- 5) Motor flow rate range = Around 70-160 GPM (265-606 LPM)
- 6) Displacement = Minimum 1.5 revolution per Gallon at flow rate of 160 GPM (606 LPM)
- 7) Bit speed = Around 100 - 240 RPM
- 8) Bit Pressure Drop range = Between 700 PSI to 1500 PSI (49.2 kg/sq.cm. to 105.5 kg/sq.cm)
- 9) Differential Pressure (at full load) = not less than 400 PSI (28.13 kg/sq.cm)
- 10) Torque, Full Load = not less than 700 ft-lbs (97 kg-m) at around 450 PSI differential pressure.
- 11) Peak Torque = not less than 900 ft-lbs (124 Kg-m)
- 12) Power = not less than 40 HP (29.86 kW)
- 13) Bit size range = 4.1/4" to 5" (107.95 MM to 127 MM)
- 14) Weight on Bit = not less than 7000 lbs.
- 15) Top thread connection = 2.7/8" (73.025 mm) API REG RH Box
- 16) Bottom thread connection = 2.7/8" (73.025 mm) API REG RH Box

17) Overall length = 5.00 mtrs. (maximum)

B) NOTE:

1) All bearings should be mud-lubricated / Oil Sealed, tungsten carbide type.

2) The dump valve section and slick (straight) 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.

GENERAL NOTES FOR BIDDERS:

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 dispatch / shipment or 12 months from date of receipt of the items at site, whichever is earlier. 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 breakup 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]. Bidders must categorically confirm the same in their quotations and submit valid API Spec 7-1 certificate continuously for 3 years preceding from the original bid closing date along with the techno-commercial bid.
10. Bidder must indicate the name of manufacturer, country of origin and their best delivery schedule.
11. The mud motors along with the accessories are to be procured from the same source for compatibility of the items. Bidders to quote accordingly.
12. Bidder must sign & submit the technical check list (as mentioned below) with this tender:

TECHNICAL CHECK LIST:

Serial No	Requirements	Compliance
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 40 HP (29.86 kW)?	YES/NO
6	Whether the length of offered MUD MOTOR is less than or equals to 5.00 Meters?	YES/NO

7	Whether the bearings of offered MUD MOTOR are mud-lubricated / Oil Sealed?	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?	YES/NO
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 & best delivery period indicated?	YES/NO
12	Whether the authorization from OEM together with warranty back-up enclosed, in case bidder is not the original equipment manufacturer?	YES/NO

13. In the event of order, packing of the items shall be adequate to avoid transit damage.

14. 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 enclosed. However no Recommendatory letters will be issued to Indian Bidders.

15. Check-List vide Annexure-C shall be filled-up and submitted along with the offer.

16. Tax & Duties :

1) All taxes, stamp duties and other levies imposed outside India shall be the responsibility of the Bidder/Seller and charges thereof shall be included in the offered rates.

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

(I) BID REJECTION CRITERIA

A. TECHNICAL

The bids shall conform generally to the specifications and terms as well as conditions laid out in the tender. Bids will be rejected in case the items offered do not conform to the required parameters stipulated in the technical specifications and to the respective international/national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms and conditions, the following requirements will have to be met by the bids, without which, the same shall be considered as non-responsive and stand rejected.

1) The minimum lobe configuration of MUD MOTOR should be 5:6 (with at least 3 stages).

2) The MUD MOTOR should have slick (straight) housing. Mud Motors with adjustable or fixed bent housing will not be accepted.

3.1) The Bidder in case of Manufacturer must have the experience of supplying at least 3 (three) numbers MUD MOTORS of offered size or higher to the companies which are in the business of Oil & Gas (i.e. to E&P companies/Drilling Contractors/Drilling service providers) in the last 3 (three) years preceding the original bid closing date of this tender.

3.1.1) Documentary evidence in respect of the above should be submitted in the form of copies of relevant Purchase Orders along-with copies of any of the documents in respect of satisfactory execution of each of those purchase orders, such as:

- i) Satisfactory inspection report OR
- ii) Satisfactory supply completion / Installation report OR
- iii) Consignee receipt delivery Challan OR
- iv) Central excise gate pass / tax invoice issued under relevant rules of central excise / VAT OR
- v) Any other documentary evidence that can substantiate the satisfactory execution of each of the purchase order cited above.

3.1.2) Those Manufacturers which successfully supplied Mud Motor of equal or higher size to OIL INDIA LTD (OIL) in the past shall be considered to qualify the experience criteria as stated in the Clauses 3.1 & 3.1.1 provided they indicate in the bid itself the Purchase Order No. & Date, Quantity, Details of Mud Motor supplied to OIL in the past.

3.1.3) The bidder in case of manufacturer should confirm that the offered product will be supplied with API Monogram. The bidder should also furnish an undertaking that all the API licenses along with authorization for API monogram shall be kept valid till execution of purchase order.

3.1.4) In case renewal process of API license is in progress at the time of bidding, the bidder should furnish a letter from API to this effect that renewal of the license is under examination with API and that the manufacturer is authorized to manufacture the items as per API license and to use API monogram till the renewal for license is issued. The bidder shall also submit an undertaking to the effect that delay in renewal of API certificate shall not affect the stipulated delivery schedule of the tender / purchase order.

3.2) In case the bidder is not a manufacturer, then the bidder is required to submit documentary evidence in respect of the above clauses 3.1 & 3.1.1 or 3.1.2 from the concerned manufacturer (having supplied such items either by manufacturer himself or his distributor) along with the techno-commercial bid.

3.2.1) The bidder is required to submit valid Authorization certificate with warranty backup from the manufacturer along with the offer.

3.2.2) The bidder must get confirmation from the manufacturer that the offered product will be supplied with API Monogram. The bidder should also furnish an undertaking from the manufacturer that all the API licenses along with authorization for API monogram shall be kept valid till execution of purchase order.

3.2.3) In case renewal process of API license is in progress at the time of bidding, the bidder should furnish a letter from API to this effect that renewal of the license is under examination with API and that the manufacturer is authorized to manufacture the items as per API license and to use API monogram till the renewal for license is issued. The bidder shall also submit an undertaking from the manufacturer to the effect that delay in renewal of API certificate shall not affect the stipulated delivery schedule of the tender / purchase order.

(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) 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 INR.2,70,000.00 or US\$ 4,015.00** 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 Bank Guarantee towards Bid Security shall remain valid upto **03.11.2016.**
- 3) Validity of the bid shall be minimum 180 days from the date of Bid Closing Date. Bids with lesser validity will be straightway rejected.
- 4) 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 months from the date of shipment/dispatch or twelve(12) months from the date of receipt of the items at destination, 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 at no extra cost to OIL.
- 5) Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for a period of 18 months from the date of shipment/dispatch or twelve(12) months from the date of receipt of the items at destination, whichever is earlier. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.
- 6) 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.
- 7) Bidders are required to submit the summary of the prices in their price bids as per bid format (Summary), given below.

Price 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) Overseas 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 :

2) Price Bid Format (SUMMARY) for Indigenous Bidders:

- (A) Total Material Value:
- (B) Packing and Forwarding Charges:
- (C) Total Ex-works value, (A + B) above :
- (D) Sales Tax, (Please indicate applicable rate of Tax)
- (E) Total FOR Despatching station price, (C + D) above
- (F) Road Transportation charges to Duliajan
- (G) Insurance Charges
- (H) Assam Entry Tax
- (I) Total FOR Duliajan value, (E + F + G + H) above
- (J) Total Value in words :
- (K) Gross Weight :
- (L) Gross Volume :

Note: 1) 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.

- 8) 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) 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) Bids containing incorrect statement will be rejected.

(II) BID EVALUATION CRITERIA (BEC) :

Bid Evaluation Criteria (BEC) shall be as per General Terms and

Conditions for Global Tender.

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ANNEXURE-C**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 Duliagan 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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