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GLOBAL EXPRESSION OF INTEREST (EOI) NO. EOI/O/13/2017-18

Sub: Hiring of Services for Well design and Engineering for one number Exploratory drilling location of NELP-IX, Block: AA-ONN-2010/3

1.0 OIL INDIA LTD (OIL), a premier Navaratna Public Sector Undertaking of Govt. of India engaged in exploration, production & transportation of hydrocarbons, invites Expression of Interests (EOIs) from reputed and established Consultancy Firms/Service Providers meeting the pre-qualification criteria as mentioned below for empanelment/short listing for issuance of tender document for hiring the Services for well design and Engineering for one number exploratory drilling location in the state of Assam for Block: AA-ONN-2010/3 awarded to a consortium of M/s Oil India Limited (OIL), M/s Oil & Natural Gas Corporation Limited (ONGCL) and M/s Bharat Petro Resources Limited (BPRL) under NELP-IX.

2.0 PROJECT & OTHER INFORMATION:

Block: AA-ONN-2010/3 awarded to the Consortium under NELP-IX is in North-Eastern state of India, Assam in Sadiya of Tinsukia District. The brief detail of the on-shore block in Assam where the drilling operation is likely to start in near future is given below:

Information of Block: AA-ONN-2010/3
The Block AA-ONN-2010/3 was awarded to a consortium of M/s Oil India Limited (OIL), M/s Oil & Natural Gas Corporation Limited (ONGCL) and M/s Bharat Petro Resources Limited (BPRL). OIL is the operator for the Block. Based on 3D Seismic data interpretation, one (01) location has been identified for exploratory Drilling. The program includes drilling and testing of 01(One) no. of on-shore vertical exploratory well with TVD around 6400+ m.
A pore pressure prediction study for said location has been carried out using the seismic velocity derived from Sadiya-3D block. It has been observed that, for the Exploratory Drilling location, the seismic velocity follows normal compaction trend within Oligocene, Eocene & Paleocene formation. However, slight decrease in seismic velocities has been observed within lower Eocene & Paleocene formations in the vicinity of the location. Subsequently, the most likely Pore pressure profile has been derived at well position based on the available seismic velocity & offset well information.
The estimated pore pressure appears to be normal within the target formation. At the location, pore pressure follows a nearly hydrostatic trend with equivalent mud weight (EMW) of around 67.0-70.75pcf from surface up to the target depth of 6431 m. The estimated pore pressure is around 7674 psi (EMW 67.51 pcf) at depth 5000m. A slight increasing trend in pore pressure has been observed at depth range around 5440m. (Pore pressure 8586 psi, EMW 69.42 pcf). The pore pressure profile follows normal hydrostatic trend up to depth around 6040m, after this pore pressure shows slight increasing trend and reached maximum 10340 psi (EMW 70.75 pcf) at the target depth of 6431m.

Fracture gradient (FG) in pore pressure model has been calibrated using date off-set Mechaki wells. During post drill analysis of offset Mechaki wells, a moderate pressure zone (EMW 71.0 pcf) was observed within Kopili formation. The same has not been observed for the proposed location.
No other off-set well information is available for Sadiya area. No well has been drilled till date in nearby fields. The nearest wells of Mechaki field is at a distance of 17-20 km and the wells have been drilled up to depth range of 5600-5645m.
Location details: Location: Proposed Structure/ Prospect: West Chapakhowa Easting: 3305709 Northing: 1132633 Target depth: 6400 m Primary target: Barail, Lk+Th, Langpar Sadiya 3D block: Seismic velocity In-Line 211 & Cross-Line-244
Expected formation tops: (MSL) Lower Tipam: 4965m Barail: 5256 m Lk+Th: 6370m Basement: 6450m Considering DFE: 130m at location TD: 6400 m

3.0 Pre-qualifying criteria:

3.1 The Bidder should be a service provider / Firm having in-house capability to provide well engineering services with experienced manpower and with necessary software supports. The bidder should have minimum 7 years of experience in Well Design. Details of contracts executed in preceding 7 years including Client contract details should be provided as per Annexure-I. Period in this regard shall be reckoned till the closing date of EOI.

3.2 The Bidder must have experience of having successfully completed well design and engineering for at least one well of 6000+ m depth.

3.3 The Service provider/ Firm shall be a registered firm providing well engineering services and having experienced personnel in their payroll to carry out well engineering job.

3.4 Financial: Annual Financial Turnover of the bidder in any of preceding three financial / accounting years, reckoned from the original EOI closing date should be at least **USD 75,000.00 / INR 49,34,000.00**.

3.5 Net worth of bidder must be positive for preceding financial/ accounting year.

3.6 For proof of Annual Turnover & Net worth, any one of the following document must be submitted along with the offer:

- (i) A certificate issued by a practicing Chartered /Cost Accountant* (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE-III.

OR

- (ii) Audited Balance Sheet along with Profit & Loss account.

*In case the bidder is a Central Govt. organization / PSU /State Govt. organization / Semi-State Govt. Organization or any other Central / State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidences for the same.

Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original EOI submission last date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statement for the financial year _____ has actually not been audited so far'.

Documentary evidences of job experience as stated above should be in the form of photocopies of Letter of Intent/Letter of Allotment / Work-order along with satisfactory Completion Certificate(s) or any other documents establishing the experience credentials.

3.7 All the certificates and documentary evidences required to be submitted in support of Para 3.0 (3.1 to 3.6) above should be clearly legible. Illegible and incomplete certificates or documents will not be considered for evaluation.

3.8 Bidders must be prepared to engage their personnel and submit the draft well Design within 30 days after handover of documents and Data as available with OIL to the successful consultant/ firm. After approval of the Draft well design by the Consortium members, the final well Design report to be submitted within 30 Days after being informed in writing. Bidders must provide categorical confirmation of their capability and intent to meet this deadline.

3.9 Design Personnel engaged for the Services should not have direct or indirect association with OIL nor Ex-employee of OIL / any other PSU.

4.0 DETAILS OF SERVICES TO BE PROVIDED BY THE CONTRACTOR:

4.1 The Consultancy Firm/Service Provider is required to provide the following services described herein, but not limited to the under noted activities only:

A. Well engineering from concept to drilling completion-

- i) Review of off-set well data from adjacent block and seismic profile
- ii) Basis of design documents
- iii) Casing point selection and design
- iv) Wellhead design
- v) Monitoring and evaluation consideration
- vi) Well cost model & estimate

B. Detail well design, drilling programme and procedures-

- i) Detailed well design
- ii) Detailed well programme and procedures
- iii) Testing and completion material specification
- iv) Drilling fluid & completion fluid design
- v) Cementing program & design
- vi) Bit program, drill string design & hydraulics optimization
- vii) Detailed operational steps, BHA and parameters to be followed in each phase
- viii) Contingency programme and procedures.
- ix) Well suspension/ abandonment programme
- x) QHSE, risk matrix, HAZID/HAZOP, QHSE compliance

4.2 The well engineering and design job shall be carried out with the help of drilling software, preferably Landmark Drilling Software or equivalent.

4.3 Sr. Drilling Engineer/ Drilling Engineer for the job should have knowledge on local statutory regulations and be convergent of good well engineering practices.

5.0 All correspondences and documents relating to this EOI shall be in English language, except that any document may be in language other than English provided it is accompanied by an English translated version certified by a translator, which shall govern for the purpose of interpretation.

Notes:

- (i) All the copies of documents submitted along with the EOI should be clear & legible.
- (ii) OIL INDIA LIMITED (OIL) & its Consortium partners reserves the right to call for the original documents/certificate, copies of which are submitted along with the EOI.
- (iii) The EOI is liable to be rejected in case of submission of any misleading/false representation by the Firms /Service Providers in the form, statements and attachments.

6.0 SUBMISSION OF EOI:

6.1 Interested parties meeting the pre-qualifying criteria as above are invited to submit their EOI at our e-mail id: eoi-contracts@oilindia.in within **31.10.2017**, followed by hard copies of the same through courier/post super-scribing “**Expression of Interest No.: EOI/O/13/2017-2018**” at the following address:

**CGM-CONTRACTS
OIL INDIA LIMITED
CONTRACTS DEPARTMENT
P.O. DULIAJAN-786602
DIST. DIBRUGARH, ASSAM, INDIA**

6.2 The offer(s) may also be uploaded in Parties' FTP server/ File sharing website (portal) and the link(s) may be provided to us at our e-mail within above specified period.

Experience Statement of Bidder/Service Provider

Experience of providing Well Engineering Services in Oil & Gas Drilling well during last seven (7) years preceding closing date of the EOI:

Sl. No.	Contract No	Name & Contact details of Client	Start date of Contract	End date of Contract
1				
2				
3				
4				
5				

N.B: Please add rows & extra sheets if required.

FORMAT FOR BIO-DATA OF PERSONNEL

1. NAME
2. ADDRESS
3. DATE OF BIRTH
4. FATHER'S NAME
5. NATIONALITY
6. PASSPORT NO. AND VALIDITY
(In Case of Expatriate)
7. EDUCATIONAL QUALIFICATIONS:

Sl. No.	Course completed	School/ College/ University	Year of Passing	Division/ Rank
01.				
02.				

(N.B: Please add rows if required)

8. JOB EXPERIENCE IN REVERSE ORDER:

Duration of Service		Post/Position Held	Name of the Employer	Nature of Job
From	To			

(N.B: Please add rows if required)

9. WORKING EXPERIENCE AS SR. DRILLING ENGINEER/ DRILLING ENGINEER IN OIL & GAS DRILLING WELLS:

Period		Name of the Employer	Place of operation	Details of Rig for which worked	Well Depth & nature of the well
From	To				

(N.B: Please add rows if required)

Signature and seal of the Bidder:

Name & Designation of Bidder:

Financial Statement of Bidder/Service Provider

TO BE ISSUED BY PRACTISING CHARTERED ACCOUNTANTS' FIRM ON THEIR LETTER HEAD

TO WHOM IT MAY CONCERN

This is to certify that the following financial positions extracted from the audited financial statements of M/s.....(Name of the Vendor/Bidder) for the last three (3) accounting years upto 31st March, 2017 /31st December, 2016 (Strike-out whichever is not applicable) are correct.

YEAR	TURN OVER In INR Crores or US \$ Million	NET PROFIT In INR Crores or US \$ Million

Rate of Conversion (if used any): USD 1.00 = INR.....

Place:

Date:

Seal:

Membership Code/ Registration No.:

Signature
