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EXPRESSION OF INTEREST (EOI) NO. EOI/O/339/2017-2018

Oil India Limited, a Government of India “NAVARATNA” Category Enterprise, engaged in the business of Exploration, Production & Transportation of Crude Oil and Natural Gas and Production of LPG invites Expression of Interest (EOI) from Indigenous service provider(s) against **EOI No.: EOI/O/339/2017-2018** for **‘Integrity assessment and rehabilitation of the Field Pipeline Network in OIL’s operational areas in Assam’**. Interested Parties having relevant experience and expertise (details are available at OIL’s website- www.oil-india.com) are invited to submit their EOI(s) at our e-mail id: eo-contracts@oilindia.in within the stipulated date as indicated in the detailed EOI, followed by hard copies of the same through courier/post. 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. All Corrigenda, addenda, amendments, time extensions to the EOI will be hosted on the website and no separate notification shall be issued in the press. Prospective participants against the EOIs are requested to visit the website regularly to keep themselves updated.

EXPRESSION OF INTEREST NO. EOI/O/339/2017-2018 FOR ‘INTEGRITY ASSESSMENT AND REHABILITATION OF THE FIELD PIPELINE NETWORK IN OIL’S OPERATIONAL AREAS IN ASSAM’

1. Introduction:

OIL INDIA LIMITED (OIL), a Government of India “NAVARATNA” Category Enterprise, engaged in the business of Exploration, Production & Transportation of Crude Oil and Natural Gas and Production of LPG in India with participating interest in Oil & Gas sector in various overseas projects intends to hire the above Service. Expression of interest (EOI) is invited from reputed national parties having requisite experience, capability and specialization in carrying out similar assignments in Upstream/Downstream petroleum sector.

2. Brief of OIL’s field pipeline network:

OIL has a network of pipelines ranging from 50mm to 600mm diameter for oilfield services (oil, gas, formation water disposal, water injection etc.) – both piggable and non-piggable, coated and uncoated, in the oil field area of the Company in Tinsukia, Dibrugarh and Charaideo districts of Assam in India.

The field pipeline network of OIL comprises of Oil flow lines, gas flow lines, water disposal lines, water injection lines, fuel lines, gas artery lines, gas lift lines to wells, Lean and rich gas distribution pipelines of varying diameter, Crude oil delivery lines of varying diameter.

Present status of the Field Pipeline Network is as follows:

- i. Oil flowlines 1400 km approx. (100mm NB API 5L46 7.14mm WT uncoated, non-piggable)
- ii. Gas flowlines 262 km (100mm NB API 5L46 & API 5L60, 5.54mm, 7.14mm & 11.13mm WT, uncoated, non-piggable)
- iii. Water Disposal pipelines 220.2 km (100mm NB API 5L46 7.11mm WT uncoated, non-piggable)
- iv. Water Injection pipelines 107 km (100mm NB API 5L46 7.11mm WT uncoated, non-piggable)
- v. Gas Lift Artery and Fuel Lines 263.77 km (100mm NB API GrB and 5L46 WT 5.54 to 7.14mm WT coated as well as un-coated, non-piggable)
- vi. Crude Oil Delivery (COD) pipeline 270 km (150mm to 300mm NB API GrA, API GrB, API 5L46 coated, both piggable and non-piggable)

- vii. Gas Distribution Pipelines (625 km 150mm NB to 600mm OD API GrA API GrB, API5L46 coated, both piggable and non-piggable)
- viii. 50mm NB pipelines that serve as fuel lines and input lines for gas lift wells.

3. Scope of work and services required:

OIL invites Expression of Interest (EOI) for the following services for Integrity assessment of the field pipeline network of Oil India Limited:

- i. Assessment of integrity of pipeline metal by various Non-Destructive methods such as In-Line Inspection, Acoustic Inspection such as Long Range Ultrasonic Thickness (LRUT), External Corrosion Direct Assessment (ECDA), Internal Corrosion Direct Assessment (ICDA), Stress Corrosion Direct Assessment (SCCDA), etc.
- ii. Root Cause Analysis and determination of remaining strength as per ASME 31G, Modified 31G and Effective Area Method RStreng (ASME B31.8S).
- iii. Categorization of defects in pipeline metal on the basis of severity (Probability of failure-PoF and Expected Repair Factor-ERF) with reference to ASME codes.
- iv. Assessment of integrity of pipeline coating by Current Attenuation Test (CAT) and Alternating Current Voltage Gradient (ACVG) method.
- v. Categorisation of faults in pipeline coating on the basis of severity.

The above information is to be used by Oil India Limited to prepare a Rehabilitation Plan for the Field Pipeline Network. Hence, the integrity assessment data of the pipelines and coating are required simultaneously in a single consolidated report.

4. Pre-qualifying Criteria:

Service providers interested to participate in the EOI should fulfil the following conditions:

- i) Service providers shall have expertise and minimum 10 (Ten) year's experience in carrying out integrity assessment of both pipelines metal and coating by methods described above and capability of analysing the data and generating reports as per codes mentioned above.
- ii) The service providers shall have done at least 2 (two) integrity assessment job of pipeline in the past 05 (Five) years.
- iii) Service provider may respond jointly as follows:
 - 1. Service provider having expertise and minimum 10 (Ten) year experience in integrity assessment of pipeline metal and Service provider having expertise and 10(ten) year experience in integrity assessment of pipeline coating. Such Service Provider responding jointly shall have capability of analysis the data and generating reports as per codes mentioned above.
 - 2. Service providers having expertise and minimum 10 (Ten) year experience each in integrity assessment of pipeline metal by different methods (e.g. service provider for In line inspection + service provider for acoustic and ECDA, ICDA, SCCDA) and Service

provider having expertise and 10 (Ten) year experience in integrity assessment of pipeline coating. Such Service Provider responding jointly shall have capability of analysis the data and generating reports as per codes mentioned above.

5. Documents to be submitted:

The following documents shall be submitted with the EOI in support of expertise and experience:

- i) Resume of the service provider. Service Provider responding jointly shall submit resume of each party.
- ii) Detail of works (integrity assessment of pipeline metal and integrity assessment of pipeline coating) carried out till date and jobs in hand. Contract documents and completion certificates for each job carried out are to be submitted in support.
- iii) Clientele list.
- iv) Basic of work plan that is proposed to be adopted for the field pipeline network of Oil India Limited.
- v) Basic estimated rates for individual methods of integrity assessment of pipeline metal and pipeline coating mentioned above.
- vi) Any method for integrity assessment of pipeline metal and pipeline coating proposed to be used in addition to or in lieu of the methods mentioned above with proper justification supported by documentary evidence.
- vii) In case of Service provider responding jointly, documentary evidence of previous experience of having working jointly in similar integrity assessment work shall be submitted with detail of works done by each party.

Failure to provide any of the listed documents or information with requisite proof(s) shall negatively affect the qualification to participate in the EOI. **Notwithstanding the submission of this documentation, OIL is neither committed nor obliged to include any party in the tender list or award any form of contract to any participant.**

6. After review of the EOI, parties will be short listed and those short listed parties will be invited to give presentation/discussion at Duliajan, whenever invited, at their own expense. In case of Service provider responding jointly all the parties involved shall have to attend such discussion session and also submit their technical/financial proposals as per specified terms of reference for the first phase. The interested parties shall submit the EOI along with the following details:

EOI No: EOI/O/339/2017-2018

Description: EOI for Integrity Assessment and rehabilitation of the Field Pipeline Network in OIL's operational areas in Assam.

Experience of the firm:

- A. Name of the party:
- B. Contact details:
- C. List of successful jobs:

| Sl. No. | Client Name | Year | Type of jobs carried out | Project cost |
|---------|-------------|------|--------------------------|--------------|
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Interested parties meeting the pre-qualifying criteria as above are invited to submit their EOI at our e-mail id: eo-contracts@oilindia.in within **13.12.2017**, followed by hard copies of the same through courier/post super-scribing “**Expression of Interest No.: EOI/O/339/2017-2018**” at the following address:

CGM-CONTRACTS
OIL INDIA LIMITED
DULIAJAN-786602
ASSAM (INDIA)

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.

The offer(s) should have clear indication whether the same meet the Pre-qualifying criteria.

OIL reserves the right to (a) accept or reject any/all offers submitted by parties (b) cancel the process at any time without any liability and assigning any reason thereof.

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