

OIL INDIA LIMITED
(A Govt. of India Enterprise)
P.O. Duliajan-786 602(Assam)

EXPRESSION OF INTEREST NO : EOI/OIL/OGPL&P/WC-214/152/2022

Subject: Expression of Interest for “Carrying out internal cleaning and restoring pigging operation of an old in service crude oil delivery pipeline of size 250mmNB, by adopting chemically or mechanically progressive pigging methodology, in the Oil & Gas production area of OIL INDIA LIMITED, in the state of Assam”.

1. PREAMBLE:

OIL INDIA LIMITED (OIL), a Government of India Enterprise under the Ministry of Petroleum and Natural Gas, is a premier up-stream Oil Company engaged in the business of Exploration, Production & Transportation of Crude Oil & Natural Gas as well as production of LPG, having its Headquarter at Duliajan, Assam in India.

In OIL’s Oilfield production areas, for transportation of Crude Oil and Natural Gas from production well heads to process installations and then to Tank farms and Gas Gathering Stations there are many pipeline networks connected. In one of such crude oil delivery pipeline, we are intending to adopt a methodology and to frame a service contract for aforementioned work by inviting Expression of Interest (EOIs) from reputed, experienced, expertise, start-ups companies / service providers/ contractors.

2.0 Objective and Scope of work:

- OIL INDIA LIMITED is planning to carry out internal cleaning and restoration of pigging operation of an old 250 mmNB in-service Crude Oil delivery pipeline of approx. length 22.6 KM. This pipeline was constructed in the year 1995 and was under pigging operation till 2012, after that due to operational requirements the original flow direction was reversed and original starting point became receiving end, since then pigging was not carried out. The objective / scope of work of this pipeline cleaning and restoring pigging operation includes but not limited to the following. The proposal must include the following (but not limited to):
- I. Pipeline construction and operational data requirements.
 - II. Fluid properties.
 - III. Any piping/pipeline design change requirements and suitability of present scrapper trap system, due to reverse in flow direction in the subject pipeline.
 - IV. Methodology and arrangement required for using chemical solvents for cleaning internal surface of pipeline.
 - V. Methodology and arrangement required for cleaning internal surface of pipeline using Mechanical pig by doing progressive pigging.
 - VI. Methodology and arrangement required for cleaning & pigging mixture of both Chemical plus Progressive pigging.
 - VII. Present industrial practices using these methodologies, if any.
 - VIII. Handling and disposal system required for solvent if used for cleaning purpose.
 - IX. Details about types of solvents and pigs.
 - X. Details about the physical and chemical properties of solvents and pigs.
 - XI. Any specific code or guidelines to be followed for this kind of activities.
 - XII. Solid wax/ pig residue handling/ disposal system requirement.
 - XIII. Standard operating procedure for the adopted methodology.

The service provider(s) may also submit a budgetary quotation against with their proposal.

- **Duration:** Contract duration will be 6(Six) months.
- **Service providers capabilities:** Interested companies to demonstrate their capabilities in providing such services.
- **To explore** technology.
- **To understand** the prospective service providers experience and technical capability.
- **To have inputs** from the prospective service providers.

The EOI is expected to provide information of available technology and methodology, prospective service providers and their suggestions thereby assisting in formulation of terms and conditions of any formal tender that may be floated for “Cleaning and Restoring pigging operation in an old crude oil pipeline”.

3.0 Technical details of the subject pipeline:

- a. Constructed in the year 1995.
- b. Pipe Grade: API Std. 5L Grade B, ERW pipe, Carbon Steel pipe.
- c. Pipeline diameter: 250mmNB (10.75” OD).
- d. Wall Thickness: 7.8 mm.
- e. Present length under use, in reverse direction **22.6 KM**.
Injection starts from Location **NFK to ITF (Tengakhat)**, **2 more injection points** in between, those are **Balijan** (Deohal condensate) and **Bhekulajan (crude oil)**.
- f. Type of coating coal tar enamel.
- g. Originally designed as piggable pipeline.
- h. Integrity Assessment by NACE DA methodology done recently, MAOP 71 kg/cm².
- i. All injecting branch points are of 4 inch diameter.
- j. SARA analysis report of crude oil, presently pumping from Location NKF:

Density: 880 to 890 kg/m³.

| | Composition | | | |
|------------------|-------------|-------|-------|---------|
| | Sat % | Arom% | Res % | Asph% |
| Crude oil sample | 27- 55 | 37-58 | 5-9.5 | 1.9-4.4 |

4.0 EOI No.: EOI/OGPL&P/WC-214/152/2022

Description of EOI for

“Carrying out internal cleaning and restoring pigging operation of an old in service crude oil delivery pipeline of size 250mmNB, by adopting chemically or mechanically progressive pigging methodology, in the Oil & Gas production area of OIL INDIA LIMITED, in the state of Assam”.

Experience of Firm:

Name of the party:

Contract details:

List of successful jobs:

| S/no | Client Name | Year | Type of work carried out | Project cost |
|------|-------------|------|--------------------------|--------------|
| | | | | |

or

Experience of Expertise work personnel:

| S/no | Personnel Name | Year of experience | Type of work carried out / project name/ client | Worked as | Project cost |
|------|----------------|--------------------|---|-----------|--------------|
| | | | | | |

5.0 GENERAL NOTES:

- (i) All documents submitted along with the EOI should be clear & legible.
- (ii) The EOI is liable to be ignored in case of submission of any misleading / false representation by the Vendor/Contractor/Service Provider.
- (iii) OIL INDIA LIMITED reserves the right to ignore any or all EOIs and also to curtail/enhance the scope of work stated above, if required, without assigning any reason thereof.
- (iv) This EOI is non-binding in nature and submission of information should not be considered as shortlisting / selection for company in any subsequent RFP/Tender/ Bid process that may be undertaken in future.
- (v) OIL reserves the right to terminate the EOI process at any point of time without assigning reason.
- (vi) No participant shall contact OIL on any matter relating to the EOI after the last date of submission of EOI unless requested so in writing. Any effort by the bidder to influence OIL in the decision making in respect of EOI will result in the rejection of that bidder.
- (iv) Based on the responses received against this invitation, a virtual meeting shall be held with responding companies to discuss the information / views submitted. Date and time shall be intimated separately.

6.0 SUBMISSION OF EOI:

6.1 Interested Parties/Vendors/Contractors/Service Providers 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: **smonlai@oilindia.in / jatingogoi@oilindia.in / arupgogoi@oilindia.in** in within **05-08-2022 up to 15:00 Hrs (IST)**, or hard copies of the same in sealed envelopes super-scribing "Expression of Interest (EOI) NO. EOI/OIL/OGPL&P/WC-214/152/2022 dated 16.07.2022 for *"Carrying out internal cleaning and restoring pigging operation of an old in service crude oil delivery pipeline of size 250mmNB, by adopting chemically or mechanically progressive pigging methodology, in the Oil & Gas production area of OIL INDIA LIMITED, in the state of Assam"* through courier/post to the following address:

**GENERAL MANAGER (OGPL&P)
OIL INDIA LIMITED
OGPL&PROJECTS DEPARTMENT
P.O. DULIAJAN-786602
DIST.DIBRUGARH,
ASSAM, INDIA**

Service Provider/Contractor/ Vendor may also upload their offer in their FTP server/File sharing website (portal) and the link(s) may be provided to us at our e-mail within the above specified period.

6.2 In case, the above mentioned date happens to be a non-working day for OIL in Duliajan due to Bandh/holiday or for any other reasons, EOIs shall be received upto the next full working day till 15:00 Hrs. (IST) and opened accordingly. However, OIL shall not be responsible for any consequence arising out of delay in receipt or non-receipt of EOIs.

6.3 Oil India Limited reserves the right to (a) either accept or reject any/all EOIs (b) cancel the process, without assigning any reasons whatsoever.
