

REQUEST FOR EXPRESSION OF INTEREST (EOI)

EOI NO. : PL/ CONT/E&C- 46-2015-102/EOI/F-1160/1093 OF 24-08-2015

Oil India Limited, a Government of India Enterprises invites Expression of Interest (EOI) from reputed experience **EPCM** consultants **for OIL INDIA LIMITED's Rehabilitation work of Coating and Cathodic protection system for 1415 km crude oil and petroleum product pipeline network in the states of Assam, West Bengal and Bihar.**

1.0 SCOPE OF WORK FOR EPCM CONSULTANT

1.1 INTRODUCTION

- 1.1.1** The Pipeline Department of OIL deals with transportation of hydrocarbon products to different refineries. For this purpose, it owns a 1157 Km long x 18 m wide Right-of-way [ROW] from Duliajan, Assam, India to Barauni, Bihar, India. This ROW has multiple hydrocarbon pipelines viz. crude, product & natural Gas, all protected from a common Impressed Current Cathodic Protection (ICCP) system owned and maintained by OIL. The details of the various pipelines on the ROW along with their size, vintage, type of coating etc is given in Document OIL/PL/001/Rev C. Of all the pipeline in the ROW, the 406 mm (16") and 355 mm (14") crude oil pipelines are more than 50 years old and 249 km of NSPL and another spur pipeline are approx. 40 years old.
- 1.1.2** Due to natural degradation of the Coal Tar coating of these pipelines along with associated problems like shorted cased crossings and insulating flanges, the CP system is unable to adequately protect the pipeline system. Recent additions of more pipelines in the ROW [viz NSPL and DNPL] have increased the load on the CP System many folds. Degraded/ exhausted ICCP anode beds have compounded the problem.
- 1.1.3** Intelligent Pigging Survey, of the 406 mm (16") and 355 mm (14") crude oil pipelines indicates no significant corrosion defects and does not recommend de-rating of the pipelines. Since the pipelines are in good health, issues related to Coating and CP system needs to be immediately addressed so that the pipelines can continue to be in service for the next 30 years. A Pipeline Coating and CP Rehabilitation Strategy has thus been formulated by OIL internally, which has been validated by a Consultant and an International NACE certified Cathodic Protection specialist.
- 1.1.4** As per the strategy, refurbishment of the Pipeline Coating and re-designing of the entire Cathodic Protection system is to be carried out in a prioritized and structured way so that **the pipelines are brought above protection level** within a time frame of 6 years.

In addition, other associated repair works of shorted cased crossings / Insulation of mainline valves / Insulating Joints are also planned as part of the project work.

1.2 SCOPE OF WORK

- 1.2.1** The EPCM Consultant shall be contracted by OIL to provide Engineering, Procurement and Construction Management services for the Pipeline Coating and CP Rehabilitation Project work. As an EPCM consultant for the job, the consultant shall act as an extension of the Owner, always keeping in view OIL's interests and advising/guiding OIL on all important matters to ensure that the project is completed within specified cost and time with quality deliverables.
- 1.2.2** The EPCM Consultant shall complete the basic works such as site survey and provide assistance to OIL in getting clearances from concerned authorities. The EPCM Consultant shall be responsible for carrying out Cathodic protection design, detailed Engineering, review of the workplan prepared by OIL, prepare LSTK Contracts, Materials Inspection, Work Supervision and Project Management during the entire duration of the project. The EPCM Consultant shall primarily manage the whole project on behalf of OIL and ensure that the project is completed, as required and on time.
- 1.2.3** The Cathodic Protection Design shall conform to NACE standards and other National & International Standards. The EPCM consultant shall engage lead engineers having design experience in their respective fields.

2.0 EPCM VENDOR's CREDENTIALS

- 2.1** Interested EPCM Consultants may submit their application along with the following relevant documents within the last date as specified in this EOI:
- a) Name & Contact Address (including branches in India and Abroad). In case of a consortium, copy of MOU with responsibility Matrix.
 - b) Experience of executing EPCM contracts for Rehabilitation or Construction of Cross country Hydrocarbon Pipelines. Details to include:
 - Nature of work done
 - Pipeline details like length, Dia, product transported etc.
 - Name of the pipeline owner and location
 - Duration of the contract & date of completion.

Additional documents may include copies of contract/workorder, showing scope and quantum of work performed.
 - c) Present commitments (projects under execution/planned)
 - d) Financial Turnover for last three years.
 - e) Number of employees and details of key personnel, along with their work experience. Copy of NACE and other certifications (if any).
 - f) Details of NACE certified Coating and Cathodic Protection Engineers/Technicians with whom the EPCM consultant has Tie-ups for seeking consultancy services of design and work supervision.

- g) Details of any specialized Pipeline / Cathodic protection / Project Management Software available with the consultant for such projects.

3.0 BIDDER'S CONFERENCE

- a) A Bidder's conference shall be organized at the Pipeline Head Quarters of Oil India Limited at Guwahati, Assam, India, approx. 2 weeks from the Last date of submission of the EOI. The intent of the conference is to facilitate the prospective consultants to present their capabilities/experience and for OIL to highlight the rehabilitation Strategy and its expectations from the EPCM consultant. The exact date of the conference shall be communicated nearer the time.

4.0 SUBMISSION OF EOI :

*Interested EPCM consultants may submit their Expression of Interest (EOI) in **DUPLICATE** along with the requested details **latest by 1.30 P.M. on 01-10-2015** via courier / registered post in a sealed envelope super scribing the EOI Reference No..... & Applicant's Name / Address on the envelope to:*

Chief Manager– Contracts

Contracts Department

Oil India Limited Pipeline HQ

P.O. Udayan Vihar, Guwahati 781 171, Assam

Tel: 0361-2594174

Fax: 0361- 2643686

E-mail : ellora@oilindia.in, deepankar@oilindia.in

Sealed envelope containing Expression of Interest (EOI) may be physically dropped in the Tender Box, placed at the office of Chief Manager - (Contracts) up to **1.30 P.M. on 01-10-2015** will be opened on the same day at **2:00 P.M.** at the office of the Chief Manager (Contracts) in the presence of any attending bidders. Details of Scope of Work and other requirements are available at OIL's website www.oil-india.com. Same is also displayed on the notice board of Contract Department, Oil India Ltd, Guwahati, Assam