



OIL INDIA LIMITED

(A Govt. of India Enterprise)

**NOTICE INVITING EXPRESSION OF INTEREST (EOI)
EOI NO: OIL/CCO/EOI/LPG/14/2012**

FOR

Detailed study on a new extraction plant of LPG, Condensate, and other value added products from natural gas and a LPG Filling Plant to sell LPG both in packed and road tanker, condensate in road tankers , and other products in road tankers in Duliajan, Assam

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 E&P sector in various overseas projects intends to carry out a detailed study on "a new extraction plant of LPG, Condensate, and other value added products from a feed stock of 5 MMSCMD natural gas and a LPG Filling Plant to sell LPG both in packed and road tanker, condensate in road tankers , and other products in road tankers in Duliajan, Assam " by hiring the services of a consultancy firm. Expression of Interest (EOI) is invited from reputed consultancy firms having requisite experience and technical expertise, for the above purpose. Interested parties may submit their EOI with their credentials and supporting documents as detailed in the website to HEAD Contracts, Oil India Limited, Duliajan 786602, Assam (India) in two copies including the EOI No. on the cover of the sealed envelope latest by 02.04.2012 (14:00 Hrs –IST).

The details may be accessed from OIL's website: www.oil-india.com

Expression of Interest (EOI)

For

Detailed study on a new extraction plant of LPG, Condensate, and other value added products from natural gas and a LPG Filling Plant to sell LPG both in packed and road tanker, condensate in road tankers, and other products in road tankers in Duliajan, Assam.

1. Expression of Interest :

Expression of Interest is requested by Oil India Limited (OIL) from reputed consultancy firms for detailed study on a new extraction plant of LPG, Condensate, and other value added products from 5 MMSCMD natural gas and a LPG Filling Plant to sell LPG both in packed and road tanker, condensate in road tankers, and other products in road tankers in Duliajan, Assam.

2. Preamble:

Oil India Limited (OIL), with its Field Headquarters in Duliajan, Assam, India, is a premier National Oil Company engaged in the business of Exploration, Development, Production and Transportation of Crude Oil, Natural Gas and LPG. The Company presently produces around 3.85 MMTPA of crude oil (around 27.5 MM bbls /annum), around 6.8 MMSCMD of Natural Gas and around 50,000 TPA of LPG. Because of new commitments made by OIL to different consumers including BCPLcity gas supply to Guwahati, expansion plan of BVFCL and APL etc., gas production will be increased by 10.0 MMSCMD by the beginning of the year 2013-14 and 15.0 MMSCMD by 2020. The Capacity of the new LPG plant will be 5 MMSCMD.

3. Background:

OIL's LPG plant was constructed 29 years back in 1982 inside the industrial area located in Duliajan. The design capacity of present LPG extraction plant is 55,000 TPA of 50:50 (w/w) C3: C4 LPG and 25, 000 TPA of condensate. The LPG is stored in Bullets/ Horton spheres and condensate in separate storage tanks. From the storage tanks LPG is filled into cylinders or road tankers in the LPG Filling plant for dispatch. The 50 % production of Condensate is also despatched through road tankers to customers and rest is transferred to Central tank Farm for mixing with crude oil.

Over the years, there has been significant growth of habitation in and around the industrial area. Additionally, the activities of OIL inside the industrial area have also increased substantially. Moreover with the significant change in gas quality the plant has crossed optimum design conditions leaving no scope for further improvement in plant efficiency and production. Considering the vintage and hazards associated with the existing plant at the present location, it has been decided to assess the residual life of the existing plant and to go for a new plant to be located away from the present site.

4. Scope of Study:

- (i) OLD LPG PLANT: Assessment of residual life of the existing LPG plant
- (ii) NEW PLANT : Selection of suitable location for new extraction and filling plant in line with the present guidelines/standards of OISD and also other regularities body (PESO)
 - a. It should be away from inhabitants.
 - b. It should be preferably near Central Gas Gathering Station at Madhuban (around 4 Km from Duliajan)
 - c. The proposed site must meet all statutory requirements like OISD standards, MOEF norms in respect of area, distance, green belt etc.
 - d.
- (iii) LPG RECOVERY PLANT : Selection of technology and capacity for the new plant based on natural gas as feed stock
The consultant shall
 - a. Recommend suitable technology for the new plant based on natural gas as feed stock. Comparative study of different technologies shall be studied and documented in the report.
 - b. Consider value added products like LPG, C2, C3, and Condensate/Gasoline.
 - c. Consider further value addition to Condensate/Gasoline for production of products like solvent, thinner, toluene, xylene, etc.
 - d. Consider complete marketing set-up required for the value added products.
- (iv) LPG Filling Plant: Use of some of the facilities of the existing plant including filling facilities, etc.
- (v) The consultant shall study and suggest transfer of plant and accessories/ related facilities of the existing plant which could be used in the new plant.
- (vi) The consultant shall recommend TOR (Terms of Reference) for implementation of the new plant at new site through EPC Contractor.
- (vii) Preparation and submission of complete tender documents for the Engineering Procurement and Construction (EPC) contract
- (viii) Preparation and submission of complete tender documents for the Project Management Consultant (PMC) service.
- (ix) The consultant shall evaluate the Project Cost, IRR, Cost benefit analysis, and payback period etc. recommend budget to be taken for the proposed plant and submit along with Detailed Feasibility Report (DFR).
- (x) The contractor shall give a draft presentation of the report to OIL at Duliajan. After reviewing the draft report the final report will be submitted to OIL with revision if any.

(xi) Completion Time: 6 months from Letter of award (LOA).

5. Qualification Criteria for the Bidders:

Bidder shall be a reputed consultancy firm having multi disciplinary exposure and experience of providing consultancy services or successful execution of new LPG/ Gas based Process Plants/ Facilities in any part of the world in last 10 years. Documentary credentials of the firm are to be provided to carry out this job.

Bidders should submit minimum two nos. of hard copies and one CD – ROM of all documents as per the structure mentioned below along with the bid.

- 1. EOI No :
- 2. Description :
- 3. Company profile of the bidder:

4.

Sl No.	Client Name	Client Address	Year	Name of the Project/Study	Detailing of the project	Cost of the project	Status of the project/study

- 5. Indicating the same type of job completed till 30/11/2011.
- 6. Track record of the bidders indicating the compliance with our scope.
- 7. Work orders/Contracts/Completion Certificate in support of their experience.
- 8. Financial capabilities of the participating companies along with audited balance sheets in support of the claim.
- 9. Indication of the tentative budgetary prices of the consultancy services for the study.
- 10. Time schedule for completion: each give schedule time as per contract and actual time taken for the contract

11. Estimated duration for the proposed project.

6. Last date for submission of EOI:

Interested parties shall have to submit 2 (two) hard copies and one CD – ROM of their EOI indicating the EOI number on the cover of sealed envelope latest by 14:00 Hrs.(IST) on or before 02.04.2012 at the following address:

HEAD-CONTRACTS
OIL INDIA LIMITED
DULIAJAN – 786602
ASSAM, INDIA.

7. Based on the documents received, the qualifying parties will be invited for a Pre tender Conference to be held at GUWAHATI. The exact date and venue of Pre tender Conference will be intimated to all qualified parties nearer the time. Based on the outcome of Pre-tender Conference, the final tender document shall be prepared and published. Parties who have attended the conference will be intimated about the publication of the tender.

8. Time for completion of the project report from issue of LOA: 6 months.
