

EXPRESSION OF INTEREST (EOI)
FOR
“UTILIZATION OF SOLID EXTRACT OF THE DESALINATION PLANT AT
SECONDARY TANK FARM (STF), MADHUBAN AND INTERMEDIATE
TANK FARM (ITF), TENGAKHAT, OIL INDIA LIMITED”.

EOI No.: EOI/PSS/TANK FARM/278/2022

1. EXPRESSION OF INTEREST:

Expression of Interest is invited by Oil India Limited (OIL) from prospective in-country vendors for Utilization of solid extract from the desalination plant on immediate as-is-where-is-basis from Secondary Tank Farm (STF), Madhuban and Intermediate Tank Farm (ITF), Tengakhat of Oil India Limited located in the state of Assam.

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.

OIL is producing around 10,000 KL of crude oil per day and after dehydration, this crude oil is being transported to refineries. During the process of dehydration, substantial amount of formation water is separated out from the crude. The separated water is further treated in Effluent Treatment Plant (ETP) to maintain the required parameter for underground disposal.

However, this treated water is not suitable for reuse in plant due to the presence of dissolved salt. OIL is now planning to remove the dissolved salt through a desalination plant so that this water can be reused. On the process of desalination, it is expected that a considerable amount of salt (mainly Halite) would be generated approx. 1000-1500 Kg per day.

OIL INDIA LIMITED (OIL) intends to explore the possible vendors/party who may like to utilize the solid extract of the desalination plant for their utility on mutual agreeable terms and conditions.

2. LOCATION OF THE AREA:

STF-Madhuban plant where the desalination plant will be established is located at a distance of around 47 Km from Dibrugarh town in Assam. It is located at a distance of around 6 Km from Duliajan.

ITF-Tengakhat plant is located at a distance of around 25 km from Dibrugarh town and is located at a distance of around 25 Km from Duliajan.

3. SCOPE OF WORK:

Scope of work under this EOI encompasses the following jobs (but not limited to) :

- a) Collection of solid (mostly halite), that would be generated from the proposed desalination plant at STF-Madhuban and ITF-Tengakhat (1000-1500 Kg per day).

Detail analysis of the solid extract of desalination plant (generated at the pilot trial of desalination plant at STF-Madhuban) is as follows:

Sample Name	Analysis	Minerals Quantified (%)			
		Halite (NaCl)	Gypsum (CaSO ₄ .2H ₂ O)	Natrite (Na ₂ CO ₃)	Calcite Magnesian [(Ca,Mg)CO ₃]
Solid Extract of desalination plant	X-Ray Diffractometer	54.3	1.1	39	5.3

N.B. : Moreover, the sample contains minor amounts of Chloride (Cl⁻), Sulphate (SO₄²⁻) and carbonate (CO₃²⁻) of Iron (Fe²⁺), Magnesium (Mg²⁺), Chromium (Cr⁶⁺), Vanadium, Nickel etc.

OIL intends to utilize this particular solid extract (mostly halite) from desalination plant to interested vendor/firm/contractor.

- b) Packaging to be done with suitable bags for transportation to avoid spillage by the party.
- c) Manpower for the job is to be supplied by the party.
- d) Transportation of the solid from OIL's custody transfer point (STF- Madhuban and ITF - Tengakhat) is to be arranged by the party.
- e) Weighing of the salt has to be done at the respective plant/installation by the party.

OIL will provide suitable site at STF & ITF Plant for packaging/handling of the solid.

4. PERIOD OF CONTRACT:

The period of Contract will be for a period of 06 (six) years and shall be extendable for another 01 (one) year as per the terms of the contract .

5. 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 Contractor/ Vendor/ Company.
- 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 any reasons, thereof.
- vi. No participant shall contact OIL on any matter relating to the EOI after the last date of submission of EOI unless requested for 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.
- vii. Based on the responses received against this invitation, physical discussion (as per convenience of OIL) may be held with the responding Contractor/ Vendor/ Company to discuss on the information/ views submitted. Date and time shall be intimated separately.

6. **MEDHODOLOGY FOR SUBMISSION OF EOI:**

EOIs shall be submitted in a sealed envelope super-scribing” Expression of Interest (EOI) for “Use of solid extract of the desalination plant at Secondary Tank Farm (STF), Madhuban and Intermediate Tank Farm (ITF), Tengakhat, Oil India Limited”.

Interested Parties/Vendors/Contractors having relevant experience and expertise (details are available at OIL’s website-www.oil-india.com) are requested to submit the following documents and details:

- a. Company information as under:
 - i. Name of the Contractor/Vendor.
 - ii. Address, Phone, E-mail of the Contractor/Vendor.
 - iii. List of Successful jobs highlighting the client name, type of work & project cost etc .

7. **ADDRESS AND LAST DATE OF SUBMISSION OF EOI:**

Interested parties shall submit their EOI(s) at our e-mail id abhishek.baruah@oilindia.in within 10.10.2022 up to 14:00 Hrs (IST) or submit 2(two) sets of hard copies of their EOI indicating the EOI number on the cover of the sealed envelope latest by 14:00 Hrs on or before 10.10.2022 at the following address:

**CGM-PSS (HoD)
OILINDIA LIMITED
P.O. DULIAJAN-786602
DIST. DIBRUGARH, ASSAM, INDIA**

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 reason(s), EOI(s) shall be received up to the next full working day till 14:00 Hrs. (IST) and opened accordingly. EOI may be sent by e-mail /post/ courier service or delivered personally at the office of CGM-PSS, Oil India Limited, Duliajan-786602, Assam. However, OIL shall not be responsible for any consequence arising out of delay in receipt or non-receipt of EOI.

Oil India Limited reserves the right to:
Either accept or reject any EOI,
Cancel the process, without assigning any reason(s) whatsoever.

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