



RAJASTHAN PROJECT
JODHPUR

**GLOBAL EXPRESSION OF INTEREST NO.
OIL/RP/GLO/EOI/008 /2017**

GLOBAL EXPRESSION OF INTEREST (EOI) NO. OIL/RP/GLO/EOI/008 /2017 FROM INTERESTED ENTITIES FOR UTILISATION OF NATURAL GAS, AVAILABLE IN THE JAISALMER FIELD OF OIL INDIA LTD, RAJASTHAN THROUGH VALUE ADDED PRODUCTS/PROJECTS.

1.0 Introduction:

Oil India Limited (OIL), a premier National Oil Company having %Navratna+ status under Ministry of Petroleum and Natural Gas, Govt. of India is operating in Rajasthan and having an established sizeable reservoir of natural gas with a potential to produce Natural Gas of an approximate quantity of 1.0 MMSCMD from its Petroleum Mining Lease (PML) areas in Dandewala, Tanot & Bagitibba gas fields, situated in Jaisalmer District in Western Rajasthan. The fields are located approximately at a distance of 150 KM from Jaisalmer. EOI is requested by Oil India Limited (OIL) for offering to sell/utilize natural gas produced at Gas processing plant at Dandewala.

2.0 The salient points with respect to availability of gas are as under:

- i. Presently OIL is supplying gas to thermal power plant of Rajasthan Rajya Vidyut Utpadan Nigam Limited (RRVUNL) at Ramgarh through M/s Gas Authority of India Limited (GAIL) through GAIL's pipeline and the committed quantity is 0.7 MMSCMD. However, on an average, approximately 0.50 to 0.55 MMSCMD only is being lifted by the customer.
- ii. Recently Oil has carried out work-over operation and drilling campaign in these fields and built its gas potential to the tune of 1.0 MMSCMD.
- iii. Due to shortfall in consumption of gas by RRVUNL, additional gas available with OIL is around 0.4 to 0.45 MMSCMD throughout the year as observed by OIL from past trends.
- iv. OIL will guarantee availability of minimum quantity of 0.3 MMSCMD and additional quantity (*over and above 0.3 MMSCMD of minimum guaranteed quantity*) based on fall back depending on consumption by RRVUNL.
- v. Gas is supplied to power plant at Ramgarh through a 12+Dia. X 67 KM Natural Gas pipeline (*which is owned and operated by GAIL*) from Dandewala to Ramgarh with Gamnewala being the intermediate station.
- vi. The supply pressure maintained at the custody transfer at DND GPC (*Gas Processing Centre*) is around 28 kg/cm² and terminal pressure at the point of receipt at Ramgarh is around 18 kg/cm².
- vii. The gas is dehydrated at OIL's DND GPC. The gas composition is provided in Annexure -I.
- viii. The gas may be available on %as-is-where-is+basis and on %all-back+basis, ex-GPC DND. The interested entity shall make required arrangement including pipeline,

- compression, etc. to evacuate gas from custody transfer point to their respective plant / unit at their own cost and risk.
- ix. Possible customer / end user can take delivery at OIL's DND GPC or GAIL pipeline outlet at Ramgarh. Map of delivery location provided in **Annexure – II**.
 - x. The calorific value of the gas is around 3900-4300 Kcal/SCM and the specific gravity is 0.9373.

3.0 Methodology of Selection of a suitable project for utilisation of gas:

Interested entities may submit their interest against this EOI, indicating the Priority Sectors they belong to, while submitting the EOI. The priority sector for consideration of gas supply under this EOI may be as under:

- a. Gas Based Urea Fertilizer plants.
- b. LPG Plants.
- c. Power Plants supplying power to grid/state utilities at regulated rates under PPA.
- d. CGD system for domestic and transport sectors.
- e. Steel / Refineries / Petrochemicals for feedstock purpose.
- f. CGD for Industrial and Commercial Consumers.
- g. Any other customers for captive and merchant power, feedstock or fuel purpose.
- h. Any Value Added Project such as Methanol production etc.
- i. Any other project considered suitable for utilisation of gas.
- j. Any other players with capabilities in LNG conversion and marketing.

4.0. It is worth mentioning here that OIL has potential to maintain the availability of gas at the level of 1.1 to 1.2 MMSCMD for a period of 10-12 years. However, for the same OIL will have to invest a huge amount, nearly to the tune of **INR 350-400 Crores (USD 55-65 Million)** within the first 5 years including upgrading and increasing capacity of available infrastructure. Therefore, any new project proposal submitted to OIL should keep in mind the supply commitments of 0.5 to 0.7 MMSCMD for next 10-15 years and accordingly design business proposal.

5.0 It may be mentioned here that the parties offering better economics to OIL will be selected for their offered project.

6.0 Interested entities may plan for establishing their proposed project near OIL's GPC at Dandewala and evacuate gas directly from OIL's gas processing plant. In such case, OIL may help in making requisite land available for the entity if they opt for the same.

7.0 Information to be furnished by Entities

- i. Interested entities should submit their complete Project plan indicating the time frame required for actual utilisation of the available gas.



- ii. If a new Project is conceptualised, the complete Project Report indicating the financials shall be submitted showing the fiscal benefits being offered to OIL for recovery of the cost incurred for maintaining the gas availability,
- iii. The entity must indicate the quantity of gas required per day.

8.0 Besides above the Interested Entities should also provide following details while submitting their Letter of interests against this EOI:

- i) Documents for consideration: Detail information of the party/company with their organisation structure, ownership details etc.
- ii) Documents establishing that the entity has executed project / projects before in the natural gas industry. Such project executed by the entity should be in operation.
- iii) Company's financial performance documents i.e. (i) Audited Balance Sheets for the last three financial years and (ii) Net-Worth for preceding financial / accounting year.
- iv) Preparedness in respect of land availability, water allocation, power, sale and execution arrangement, if any. Also the status of the various kinds of approvals required from Government authorities to execute such project(s) for which gas is required.
- v) Expected date of commencement of gas withdrawal.
- vi) Any other relevant details.

9.0 The interested parties meeting above requirement must forward their EOI by **15-12-2017**, along with proposal and relevant supportive documents in duplicate (two copies) and two (2) clearly labelled electronic copies in CD ROM format of the same through courier/speed post **super scribing "EOI No. OIL/RP/GLO/EOI/008/2017"** at the address given below:

10.0 This EOI is not an invitation for bids for allocation or use of gas.

11.0 OIL reserves the right to,

- i) Accept or reject any/all EOIs submitted by parties.
- ii) Cancel the process at any time without any liability and assigning any reason thereof.

Address:

CGM (PRODUCTION-RP)
OIL INDIA LIMITED
2A, DISTRICT SHOPPING CENTRE
SARASWATI NAGAR- BASNI
JODHPUR (RAJASTHAN)-342005

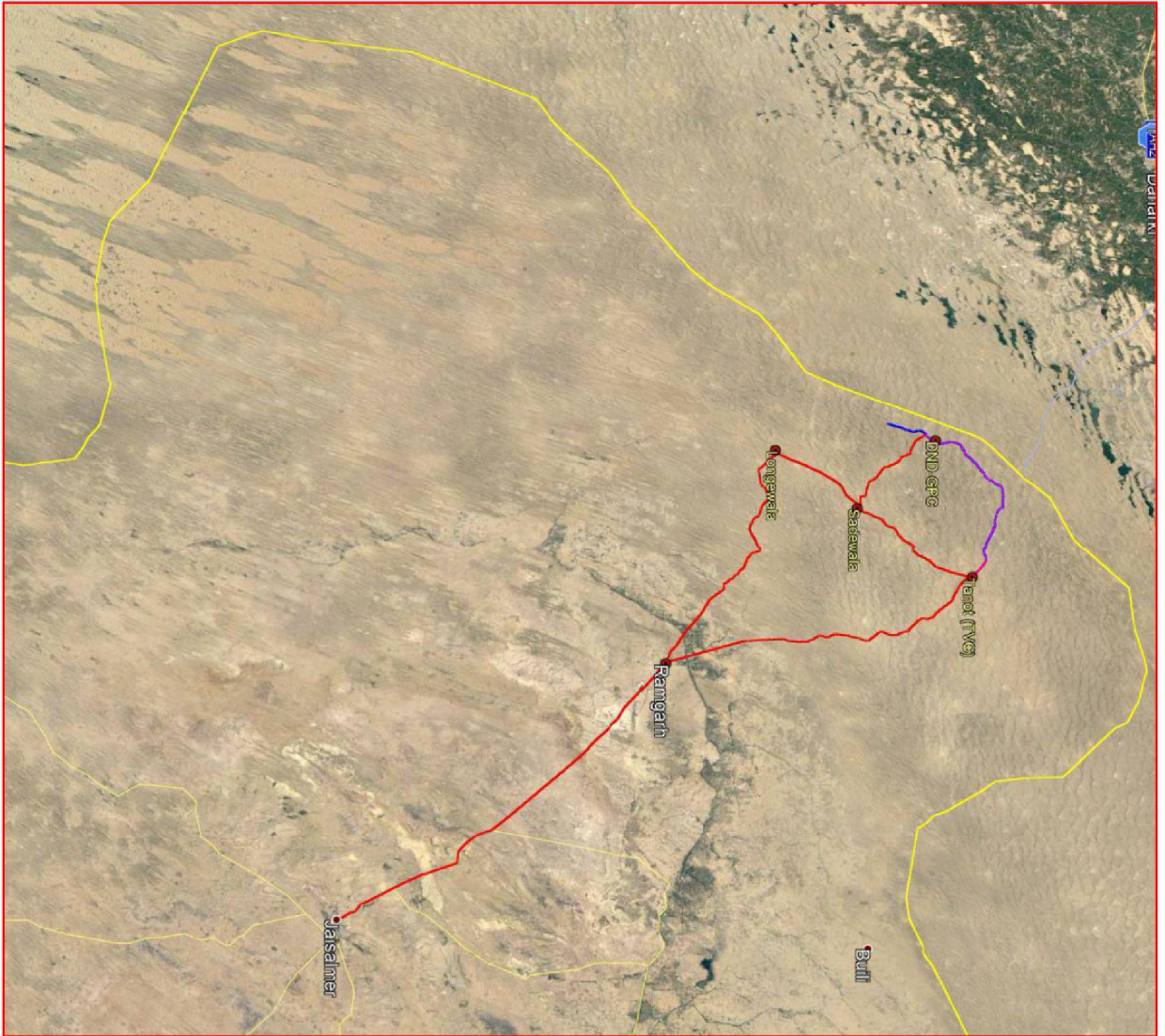
For any further clarifications, following persons may be contacted:

SHRI TONMOY DUTTA, CE (Production-RP)
e-mail: tonmoydutta@oilindia.in Mob. No.: +91 98299-38232

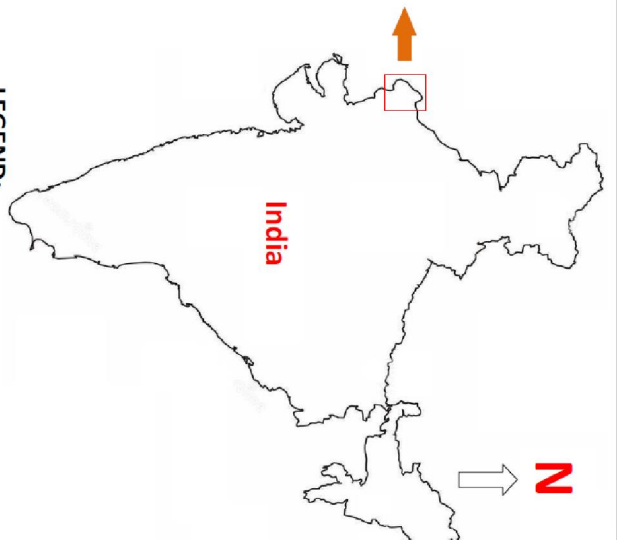
SHRI MN TALUKDAR, CGM (Production-RP)
e-mail: mntalukdar@oilindia.in Mob. No.: +91 73000-59933

GAS ANALYSIS REPORT of GAS SAMPLE FROM DND-GPC

Composition	Gas (Mol%)
NITROGEN	30.02
METHANE	43.46
CARBON DIOXIDE	24.83
ETHANE	0.96
PROPANE	0.22
ISO - BUTANE	0.04
N-BUTANE	0.06
ISO-PENTANE	0.03
N-PENTANE	0.02
HEXANE	0.37
TOTAL	100.00
Gross Calorific Value (Kcal/SCM)	4325
Net Calorific Value (Kcal/SCM)	3902
Specific Gravity	0.9373



JAISALMER DISTRICT



LEGEND:

- International Border —
- Bituminous Road —
- Moorum Road —

DISTANCES (Approx.):

- Jaisalmer – Ramgarh = 68km
- Ramgarh – Longewala = 44km
- Longewala – Sadeewala = 16km
- Sadeewala – Tanot = 23km
- Sadeewala – DND-GPC = 20km
- Ramgarh – Tanot = 53km

Approved by:

MAP SHOWING JAISALMER-TANOT-GPC(DND)

Designed		
Drawn		
Checked	M. Gambo, SECT(S)	
Scale – 1:	Dwg. No	OIL/RP/000