

**INVITATION FOR EXPRESSION OF INTEREST
FOR
LEASE/HIRE OF FSRU
AT
MOHESHKHALI AREA, BANGLADESH**



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**RELIANCE POWER LIMITED
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1.0 Background

Reliance Power has been established to develop, construct and operate power projects both in India as well as internationally. The Company on its own and through its subsidiaries has a portfolio of over 20,000 MW of power generation capacity, both in operation as well as capacity under development.

Reliance Power has strategic plans to develop large scale Combined Cycle Power Plant in the range of capacity up to 3000 MW (Natural Gas/ RLNG Based) in Bangladesh as an Independent Power Producer (IPP) to meet the existing power shortage and demand-growth in future years. In Bangladesh, the demand for natural gas is rapidly rising due to its diversified use in industrial & electric power sector. On the contrary the existing reserves are depleting. As a consequence, Bangladesh has been experiencing a severe gas shortage crisis, especially in the gas fired power plants that has resulted in running below the rated capacity and a few remaining shut due to non availability of gas.

In view of the above situation, Reliance Power would be establishing a Floating storage & Re-gasification unit (FSRU) of a gas supply capacity range of **125-300 mmscfd on a sustained basis** (send out capacity) **with a matching industry standard storage capacity preferably around 154,000 cubic meters:** located at Moheshkhali area in Chittagong region of Bangladesh to meet the gas requirement of the proposed power plant. However Reliance is open to considering FSRU's of smaller capacity (**<100,000 cubic meters**) in operation or under construction for its requirements. Reliance would be happy to further discuss the storage and gas send out capacity with the vendors to optimize project requirements.

The location details of potential sites FSRU based on Google maps, Bathymetric charts and navigational charts are given in figure-1.

The above information is gathered from publically available sources.

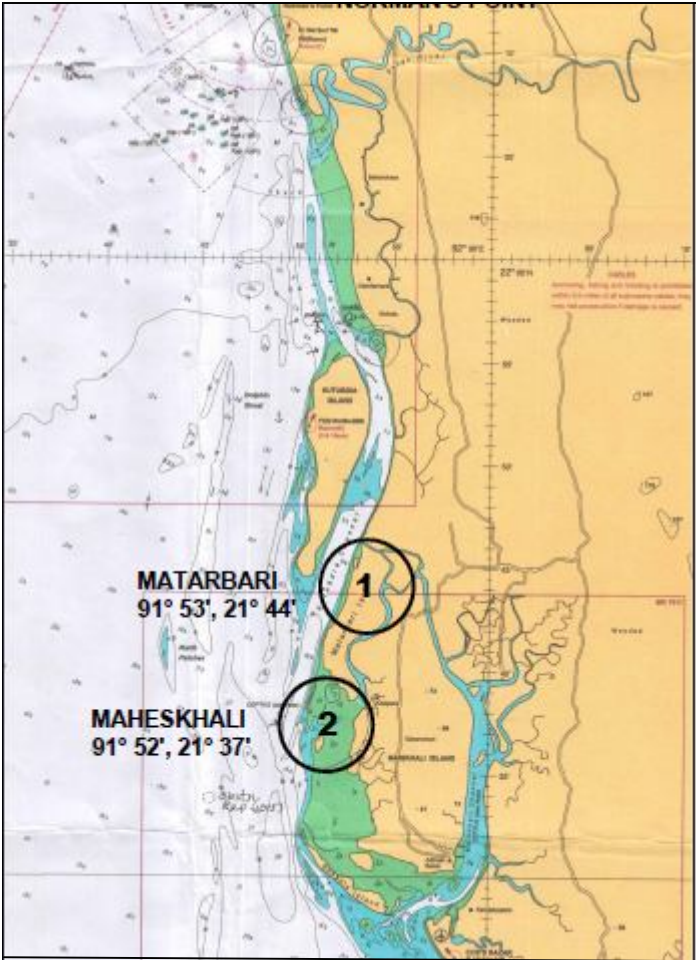


Figure 1: Proposed location for FSRU

2.0 General Information

Reliance Power Ltd has short-listed potential sites in Moheshkhali area for setting up FSRU. A Desktop study has been commissioned to finalize a firm location. The location may fall near following reference points:

Sl. No.	Location (In Bangladesh)	Latitude	Longitude
1	Matarbari Island	22° 48' N	92° 8' E
2	Moheshkhali	22° 47' N	91°14' E

(The above coordinates are approximate geo Locations. and for reference purpose)

The power plants are proposed to come in phases and the indicative gas demands as per the projected requirements are:

Year	2019	2020	2021 – 2039
Total LNG requirement (MMTPA)	0.6-1.0	1-1.4	1.4-2.2

3.0 Scope of Work and Services

Scope of work entails the following:

- Operation and maintenance of FSRU
- Receipt , storage and unloading of LNG at the FSRU
- Re-gasification of the LNG and making gas available at 80-90 bar pressure at discharge Flange
- Gas may preferably be shipped at nearest landfall point

4.0 Invitation

Expression of Interest (EOI) is solicited from FSRU owners/operators of FSRU for leasing/hiring of FSRU in short term (5 years) and long term (22 years). The EOI to be executed by an authorized personnel from bidders office no later than **5.00 pm IST 05/02/2016**. Commercial offer to be submitted in sealed envelope separately for short term (5 years) and long term (22 years) on the following address:

Ravi Krishnan

Reliance Power Limited

3rd Floor, Wing B, Reliance Centre, Maharaja Ranjit Singh Marg

New Delhi: 110002, Tel: +911130331052, Mob: +91955530770 / +919769651061

Email: ravi.krishnan@relianceada.com

For any queries please get in touch with the concerned personnel mentioned above.

5.0 Details of Offer

The technical offer to include the following specification of the FSRU being offered:

- Detailed specification of the FSRU
- Vaporizer details
- Fuel consumption per day in Metric tons/MMBTU at various re-gasification rates
- Experience of Operation and maintenance of FSRU
- Availability date

The indicative commercial offer may be submitted separately for a period of 5 year and 22 years quoting following parameters:

- Charter rate per day (inclusive of hiring cost, operation and maintenance cost but excluding fuel cost)
- Fuel cost per day in Metric Tons/MMBTU at various re-gasification rates

Indicative offers to be submitted separately in a sealed envelope at the address mentioned above for each of the following terms:

- For a term of 5 years from deployment.
- For a term of 22 years from deployment.

6.0 Short listing criterion

Bidders will be shortlisted based on the following criterion:

- Technical specification of FSRU offered
- Re-gasification capability
- Experience of Operation and maintenance of FSRU
- Charter rate and fuel cost

Considering the above along with overall fitment of the offer with Reliance project requirements, we would shortlist the potential bidders and the shortlisted bidders will be called for detailed discussion.

7.0 Process for the BID

The bidding process which will constitute of shortlisted parties is proposed to comprise of the following:

- RFQ to shortlisted bidders
- Pre Bid meeting
- Circulation of revised tender (if required) documents to shortlisted bidders
- Submission of commercial offer and Final selection
- Closing and documentation