

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan, Pin – 786602
Dist-Dibrugarh, Assam

CORRIGENDUM NO. 4

Corrigendum No. 4 dated 23.12.2024 to **GeM Bid No. GEM/2024/B/5597001** for **“Hiring of Consultancy Service for DRIVE 2.0 of Oil India Limited”**.

- A.** This Corrigendum is issued to notify the uploading of the following additional document:
- (i) ‘Case Study’ is attached as **ANNEXURE-X (ANNEXURE-I to PQC/BEC-BRC)**.
- B.** All other terms and conditions of the Bid Document remain unchanged. Details can be viewed at <https://gem.gov.in/> and www.oil-india.com.
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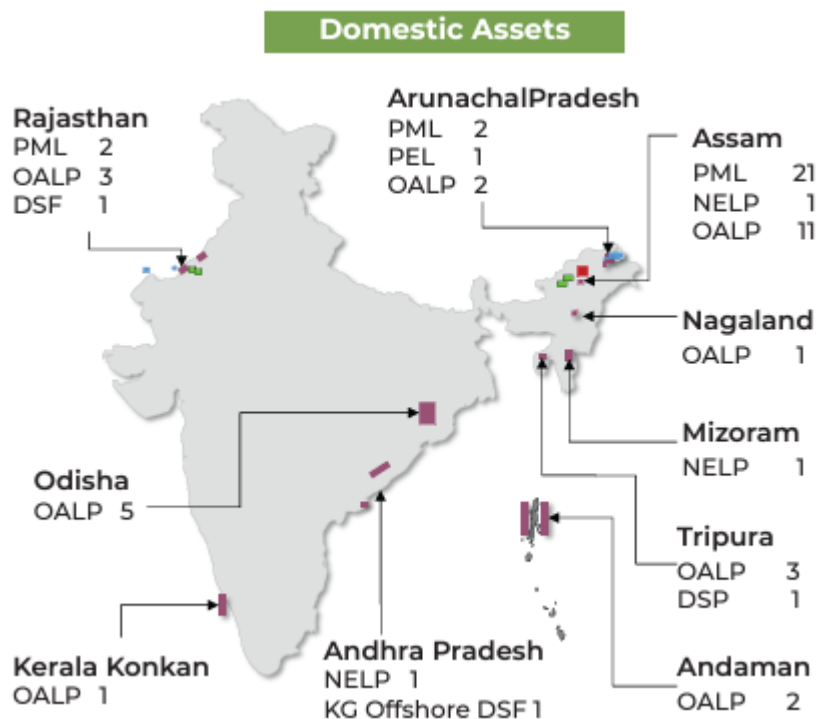
MANAGER-CONTRACTS (S)

ANNEXURE-X (Annexure-I to PQC/BEC-BRC)

CASE STUDY

Oil India Limited (OIL) is a diversified Energy Conglomerate with significant presence across the Energy value chain. OIL's domestic acreage is spread over areas in Assam, Arunachal Pradesh, Mizoram, Tripura, Nagaland, Odisha, Andhra Pradesh & Rajasthan and in offshore areas of Andaman, Kerala-Konkan & KG shallow waters. Given below is OIL's portfolio in Domestic E&P:

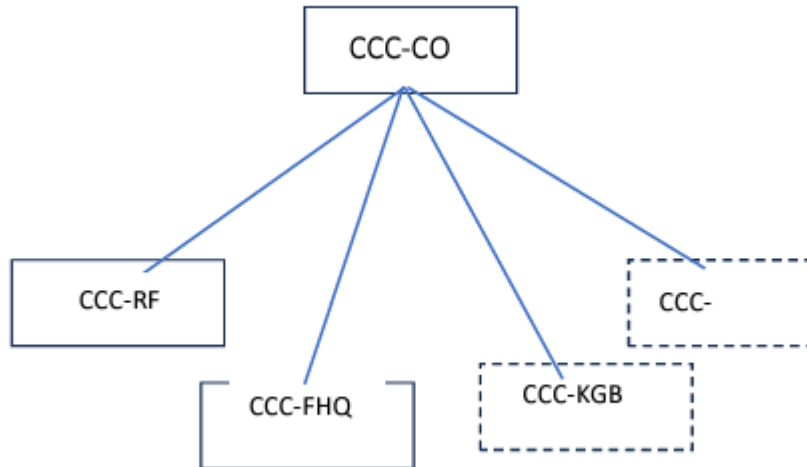
Upstream	62K+ sq km acreage <i>(pl. refer "Domestic Assets" diagram below)</i>
Producing Areas	Assam, Arunachal Pradesh & Rajasthan
Crude Oil	48 major installations 5 tank farms 1400 km flowlines 270 km delivery (CoD) pipelines
Natural Gas	29 installations 730 km gas distribution pipelines
Transportation - Crude Oil	1,157 KM pipelines 6 MMT+ Capacity
Transportation - Petroleum Product	660 KM pipelines 1.72 MMT Capacity
Infrastructure to support E&P	10 Logging units 28 Work-over Rigs 21 Drilling Rigs



ANNEXURE-X (Annexure-I to PQC/BEC-BRC)

For the case study, it is required to design a Command & Control Centre (CCC) covering OIL's entire domestic E&P portfolio. The design of CCC shall be aimed at integrated real-time monitoring and decision-making for OIL's operations across various spheres and functions of OIL.

CCC is to be designed in the form shown below:



N.B: Dotted boxes represent future requirements.

CCC at Corporate Office (CO) will showcase the entire value chain of Oil India Ltd. as an integrated energy company, covering aspects such as Exploration, Production, Transportation, Refining, Finance, HR, HSE, ESG, CSR, etc.

CCC at all proposed locations (including CO) will be designed to swiftly detect, coordinate, and respond to real-time events that impact operational efficiency, thereby maximizing business value in OIL's business and operational areas. It will:

- i) Integrate processes, technologies, and personnel for seamless operations and responses through real-time visibility, alerts, and other tools.
- ii) Provide operators and engineers with actionable insights for operations, planning, execution, and troubleshooting.

The key elements for design must include:

- a) Identifying activities suitable for centralized control and decision-making.
- b) Prioritizing activities for CCC, such as production operations, drilling, and maintenance.
- c) Creating a design or blueprint for CCC, detailing the physical infrastructure requirements.
- d) Developing a plan for real-time data flow into CCC (e.g. SAP, SCADA), including identifying additional necessary infrastructure based on OIL's unique operating areas.
- e) Defining dashboards tailored for different stakeholders and functions (e.g. exploration, production, transportation), with views optimized for fortnightly and weekly review meetings.
- f) Identifying the need for and integrating predictive analytics to facilitate early detection of challenges, particularly in drilling operations.
- g) Formulating an implementation plan for CCC.

ANNEXURE-X (Annexure-I to PQC/BEC-BRC)

For the case study, it may be noted that some oil fields/ installations/ wells/ rigs etc. to be covered under CCC may be located in areas with poor or no cellular coverage/ internet coverage/ utility power availability. The design of CCC should be able to address connectivity issues with such adversely located resources/ data sources of OIL.

Bidder's response sought on the above case:

A presentation is sought from the bidder on the blueprints of Command & Control Centre (CCC) as per OIL's requirements mentioned in the case. The blueprint should address problems associated with setting up of CCC; and should be complete with Implementation plan and suggested physical infrastructure, hardware & software along with network architecture, power solution etc.

*******[END OF ANNEXURE-X (Annexure-I to PQC/BEC-BRC)]*******