



## DEENDAYAL PORT AUTHORITY

(Erstwhile 'Kandla Port Trust')

Chief Mechanical Engineer (i/c)  
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Deendayal Port Authority, Gandhidham (Kutch) - 370 201  
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Date - 09.06.2025

To,

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**Subject: 10 TPD / 3,500 TPA Bio-Methanol Production Plant on EPC basis for Deendayal Port Authority - reg.**

Sir,

Deendayal Port Authority (DPA) invites Expression of Interests (Eols) from prominent EPC contractors for the Design, Engineering, Procurement, Construction, Commissioning, and Certification of a 10 TPD / 3,500 TPA Bio-Methanol Production Plant at Deendayal Port, Gujarat. The requirement mandates the use of proven oxy-steam gasification technology with an existing operational plant in India.

**Scope of Work in account of Contractor:**

1. Plant Design – Detailed engineering, process flow, and efficiency optimization.
2. Plant Design & Erection – Procurement, construction, and commissioning of the facility.
3. Certification for Components – Compliance with Indian and international standards for equipment and safety.
4. Certification for Product (Bio-Methanol) – Qualification criteria for bio-methanol purity and market acceptance internationally.

**Scope of Work in account of DPA:**

DPA will provide the following infrastructure and support:

1. Land Parcel – Allocation of land for plant setup.
2. Supply of Water – Ensuring adequate water availability for operations.
3. Supply of Renewable Energy (RE) Power – Green energy integration for sustainable production.
4. Supply of Bio-Mass – Continuous feedstock availability for gasification.
5. Storage, Transportation & Distribution of Bio-Methanol – Logistics support for product handling and market distribution.

**Expected Outcomes:**

1. Reduction in GHG footprint in maritime fuel.
2. Positioning Deendayal Port as a global green fuel supplier.
3. Enhancement of India's energy security through domestic methanol production.
4. Creation of employment opportunities in the renewable energy sector.

The Bio-Methanol Production Plant at Deendayal Port is a strategic initiative to support India's clean fuel transition. The Eol inviting document ensures flexibility in technology selection, prioritizing oxy-steam gasification technology for its efficiency,

cost-effectiveness, and environmental benefits. The project will strengthen India's position in the global green fuel market, ensuring economic feasibility and sustainability.

Interested firms are requested to submit:

1. Life of Plant: \_\_\_\_ years.
2. Warranty period after commissioning of plant: \_\_\_\_ years.
3. Estimated Operation & Comprehensive Maintenance cost per year: \_\_\_\_ years with \_\_\_\_ % annual escalation.
4. Cost of products i.e. Rs. \_\_\_\_ / Ton of Bio-Methanol, considering classification of as Green Methanol under EU & IMO regulations.
5. Capital Expenditure cost towards commissioning of the whole plant: Rs. \_\_\_\_\_

Last date of submission of your Expression of interest in this office for the above work is up to 23.06.2025.

Thanking you,

Yours faithfully,

*-sd-*

Chief Mechanical Engineer (i/c)  
Deendayal Port Authority