

OIL INDIA LIMITED
(A GOVT. OF INDIA ENTERPRISE)
[PLOT NO.19, SECTOR- 16A, NOIDA-201301
Website: www.oil-india.com

Corrigendum No. 4 dated 06.03.2025 to IFB No. CQI8171P25 for ‘CQI8171P25 for EPCOM of 300 TPD of Segregated MSW based Compressed Biogas (CBG) Plant for Commercial use at Bhubaneswar, Odisha’

This Amendment to IFB No. CQI8171P25 is issued to notify the following:

- i. To read the Clause No. 3.3.1 of ‘Bid Evaluation Criteria (BEC)’ as under in place of existing:

3.3.1 EXPERIENCE OF THE BIDDER:

For demonstrating technical competence and experience (the “technical capacity”), the Bidder shall have undertaken “Similar Works” in in the capacity of Developer/EPCOM such as –

- a) Shall have prior experience of setting up and operation and maintenance of **segregated MSW waste** to Biogas/Bio-CNG plant including ETP in **last 10 Financial years** of following capacity. The said Plant should be in operation at the time of bidding.
- One plant of minimum **160 TPD** Feedstock capacity
OR
 - Two plants of minimum **100 TPD** Feedstock capacity
OR
 - Three plants of minimum **80 TPD** Feedstock capacity
- b) **Shall have prior experience of operation and maintenance of segregated MSW waste to Biogas/Bio-CNG plant including ETP of a minimum capacity of 80 TPD plant for at least 2 (two) years of O&M experience in last 10 Financial years.**

Definition of Developer:

“Developer means the Company responsible for Design, Engineering, Financing, Construction, Procurement, Installation, Commissioning and Operation & Maintenance (O&M) of the Biogas/ CBG Project based on Municipal Solid Waste (MSW) as feed stock at single location **and Operation & Maintenance (O&M)** for the same plant in India as on date of bid submission.

For Operation & Maintenance experience, the developer should be the O&M service provider of its own constructed plant or by their own subsidiary shall also be allowed.

Definition of EPCOM

“EPCOM means the Company which has experience for Design, Engineering, Construction, Procurement, Installation, Commissioning **and Operation & Maintenance (O&M)** of the Biogas/ CBG Project based on MSW as feed stock executed at single location and Operation & Maintenance (O&M) for the same plant in India as on date of bid submission.

For Operation & Maintenance experience, the EPCOM should be the O&M service provider of its own constructed plant or by their own subsidiary shall also be allowed.

Definition of Similar Work:

Design, Engineering, Construction, Procurement, Installation, Commissioning of Biogas/CBG Project based on MSW as feed stock, executed at single location and **successful 2 years operation and maintenance** of the same plant with single point responsibility.

ii. Particulars under the tender have been amended as under:

Sr. No.	Clause No.	Existing Provision	Amendment				
1.	Clause No. 5.2 Pg. No. 104	<p>Proposed Location & Site Visit</p> <p>OIL in association with BMC has identified a plot of land measuring approx.9 Acres (36000 Sq Meter) for locating the CBG plant. Land will be handed over to successful bidder for setting up the plant. The plot plan is attached as Annexure 6.</p> <p>The land is located near Meherpalli Sewage Treatment Plant, Bhubaneswar and close to Main Cuttack - Puri bye pass road. The total area of the land is approximately 36000 square meters. The purpose of this land allocation is for waste dumping and segregation, as well as the establishment of a 300 TPD CBG plant.</p> <p>Features of Project Site</p> <table border="1" data-bbox="360 1973 858 2080"> <tr> <td data-bbox="360 1973 485 2080">Site Coordinates</td> <td data-bbox="485 1973 858 2080">Latitude: 20.26781 and Longitude: 85.86806</td> </tr> </table>	Site Coordinates	Latitude: 20.26781 and Longitude: 85.86806	<p>Proposed Location & Site Visit</p> <p>OIL in association with BMC has identified a plot of land measuring approx. 9 Acres (7 acres + 2 acres) for locating the CBG plant. Land will be front handed over to successful bidder for setting up the plant. The plot plan is attached as per the amended Annexure 6. The road shown in the amended Annexure 6 will be exclusively for CBG plant.</p> <p>The land is located near Meherpalli Sewage Treatment Plant, Bhubaneswar and close to Main Cuttack - Puri bye pass road. The total area of the land is approximately 9 acres as per the photograph attached in amended Annexure-6. The purpose of this land allocation is for the establishment of a 300 TPD CBG plant.</p> <p>Note: The bidders are requested to visit the site to access land and also the proposed diverted road.</p> <p>Features of Project Site</p> <table border="1" data-bbox="890 1973 1466 2080"> <tr> <td data-bbox="890 1973 1086 2080">Site Coordinates</td> <td data-bbox="1086 1973 1466 2080">Latitude: 20.26781 and Longitude: 85.86806</td> </tr> </table>	Site Coordinates	Latitude: 20.26781 and Longitude: 85.86806
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Sr. No.	Clause No.	Existing Provision		Amendment		
		Site Area	Approx.9 Acre (36000 square meters)	Site Area	Approx.9 Acre (7 acres + 2 acres)	
2.	Clause No. 5.16.2 Pg No. 124	Payments against EPC Works:		Payments against EPC Works:		
		Sr. No.	Items	Release of Payments		
		2.0	Civil Works (Maximum 25% of the Total Contract Value excluding O&M)		Sr. No.	Items
					2.0	Civil Works (Maximum 40% of the Total Quoted Value excluding O&M)
3.	BRS-1, page 508	SECTION-IX LIST OF FORMS AND FORMATS/ BRS-1		SECTION-IX LIST OF FORMS AND FORMATS/ BRS-1		
		Sr. No.	Description	Bidder's Confirmation	Sr. No.	Description
		24	Confirmation that all the information as required in clause 5.31 is submitted		24	Confirmation that all the information as required in clause 5.32 is submitted
4.	Annexure-6 page 547	Annexure-6		Amended Annexure 6 with revised plot area is attached		
5.	Clause 8.2.9 (b)	Foundation		<p>In addition to Pile Design criteria given at clause no.8.2.9 (b) please take a note of the following while designing the foundation of heavy structure:</p> <p>1. Bidders are hereby notified that the design and execution of foundations must consider the findings and recommendations presented in the indicative Geotechnical Investigation Report provided as part of the tender documentation.</p> <p>2. As per the recommendations of the Geotechnical Investigation Report, pile foundations are essential for all heavy structures (like Digesters, Biological processing system Basins, Wet waste processing shed, Buffer tank, Fire water tank, Centrate sump, Digestate sump, Digestate Dewatering shed, ETP Shed, Sludge Dewatering feed tank, UF Tanks, Admin Building) within the CBG plant. The foundation system shall be designed to ensure structural stability and durability, with a minimum design service life of</p>		

Sr. No.	Clause No.	Existing Provision	Amendment
			<p>structures erected on Pile foundations shall be 30 years.</p> <p>3. The Contractor shall be responsible for safe load carrying capacity of each pile and/or group of piles and shall guarantee a minimum allowable vertical load-bearing capacity of 80 metric tons (80T) and a minimum allowable lateral load-bearing capacity of 8 metric tons (8T).</p> <p>4. All the pile foundation design and construction must comply with the latest version of codes IS 2911-Part 1 (for pile foundation) and IS 456 (for concrete structures). The minimum grade of Concrete for pile foundation shall be M30.</p> <p>5. The presence of hazardous materials in the randomly dumped waste poses a risk to the integrity of the pile concrete, potentially causing it to degrade and leading to reinforcement corrosion. Therefore, to safeguard against such deterioration, it is advisable to provide a permanent liner for the pile along the full depth of the waste, plus an additional 1.0 meter into the stable soil beneath.</p> <p>6. In remaining cases where structures are subjected to relatively lighter loading, an open foundation system can be utilized. Care shall be taken to avoid any differential settlement.</p> <p>7. Top 6m to 8m fill will not allow mobilization of required lateral capacity for piling. Hence, this fill will have to be suitably engineered through an economical proposal of ground improvement.</p>

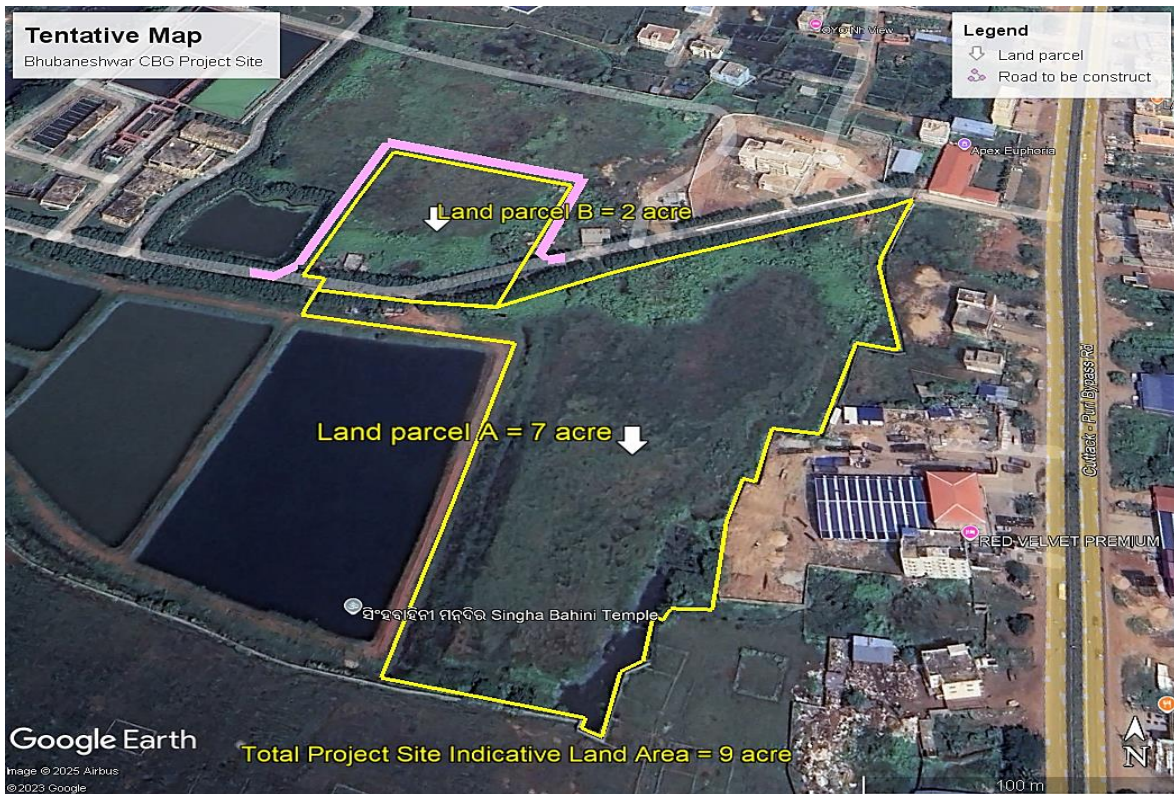
iii. Extension of bid closing & opening dates & time:

(a) Extended Bid Closing Date & Time: **20.03.2025 [14:00 Hrs (IST)]**

(b) Extended Bid Opening Date & Time: **20.03.2025 [15:00 Hrs (IST)]**

All other terms & conditions of the tender, including previous Amendments will remain unchanged.

DRAWING OF THE LANDMAP



Note:

1. The road between the two plots is part of 2 Acres land patch and will be used for plant activity.
2. The Pink line shows the route for construction of diversion road having same dimensions and type of approximate length of 320 Meters in the scope of bidder. Cost should be included in the quoted price.
3. Bidder should visit the site to assess the land condition as the same is landfill site and also road route

The Bidder should enclose the following drawings with the bid:

- i. Project layout
- ii. Single line schematic diagram of electrical system for grid interfacing
- iii. General drawings of electrical installations including unit substations control & metering station, etc.
- iv. General arrangement drawings and circuit diagrams of major electrical equipment.

Signature _____

Name _____

Designation _____

Office Stamp _____