



GOVERNMENT OF KERALA

Abstract

Local Self Government Department-Proposal for setting up a Compressed Bio Gas (CBG) Plant in Kochi by BPCL-Sanction accorded-Orders issued.

LOCAL SELF GOVERNMENT (WM) DEPARTMENT

G.O.(Ms)No.150/2023/LSGD Dated,Thiruvananthapuram, 29-07-2023

Read 1 Letter No. KR.ED(KR)13 dated 02.05.2023 from the Executive Director (I/C),BPCL

2 Joint Meeting of Hon'ble Minister for Industries and Hon'ble Minister for Local Self-Government held on 03.05.2023

3 Order dated 23.05.2023, 08.06.2023 and 07.07.2023 of Hon'ble High Court in WP(C) 7844/2023.

ORDER

In the wake of the cessation of operations at the Brahmapuram waste management site, Government have declared the launch of the Malinya Muktam Navakeralam campaign and have been looking for urgent, state of the art solutions to the issue of solid waste management, particularly for Kochi, where waste management operations have been very seriously affected. It was in this context that a proposal was received from BPCL for setting up a bio-methanation plant of 150 TPD capacity at Kochi by converting Biodegradable Waste into Compressed Bio Gas (CBG). The matter is under the scrutiny of the Hon'ble High Court of Kerala, who has instructed the State Government to take final decision in respect of the proposal and to expedite the modalities.

Consequent upon the deliberations held between the Government of Kerala and the BPCL, the following were proposed to confirm the

undertaking of the plant by BPCL, and the terms on either side that would be committed to, for the successful operation of the plant and the management of the biowaste portion of the municipal solid waste of Kochi Corporation:

BPCL would undertake to submit DPR following feasibility study that has already been initiated by October 2023. The plant would be completed and ready for commissioning within 15 months - ie by December 2024.

For the successful installation and operation of the bio CBG plant by BPCL, the State Government would commit to ensure

- **MSW availability** – 150 TPD MSW (organic fraction) shall be made available. The MSW may have 5-10% impurities. BPCL will install necessary facility for handling 5-10% impurities. Sample analysis data of MSW will be provided to BPCL
- **Disposal of rejects** - Support for disposal of rejects in a sanitary landfill as BPCL does not have requisite expertise & experience in management of landfills will also be provided.
- **Land for CBG Plant** –Provide 10 acres of land to BPCL at the Brahmapuram site for setting up the plant, free of cost on long term basis.
- **Power & Water** –Power and water will be provided during construction & operation of the plant at concessional rate.
- **CBG yield** : BPCL indicated that the proposed plant will produce 4-5% of CBG that shall be utilized by BPCL. Necessary permissions will be provided for laying of the pipeline from CBG plant to the refinery, the alignment of which would be proposed by BPCL later.

BPCL has informed that they will tie up the necessary forward linkage for offtake of solid and liquid manure produced in the plant. It has also been decided that 5-10% impurities other than bio waste would also be processed, and the Kochi Corporation will support the removal of rejects, that cannot be processed. It has been decided that in view of the comparatively smaller size of the plant, royalty would not be insisted upon. The matter of accrual of carbon credits is unclear and will be decided later.

Kochi Corporation has welcomed the proposal for the commissioning of the plant at Brahmapuram by BPCL.

Government have examined the proposal in detail and are pleased to accord sanction to BPCL for setting up a Plant at Kochi by converting biodegradable waste into Compressed Bio Gas (CBG), agreeing to the request made by BPCL for providing land, water and electricity and to the laying of pipeline for the CBG yield, the alignment of which will be decided later. The terms and conditions as mutually agreed above will form the basis of the collaboration with BPCL for setting up the plant. The Detailed Project Report (DPR) for the Plant will be submitted by BPCL by the 1st of October, 2023.

(By order of the Governor)

SARADA MURALEEDHARAN I A S
ADDITIONAL CHIEF SECRETARY

Principal Director, Local Self Government Department

Executive Director, BPCL, Kochi

Secretary, Kochi Municipal Corporation

Principal Accountant General(A/A&E),Kerala,Thiruvananthapuram

General Administration (SC)Department(Item No-----dtd -----)

Executive Director,Information Kerala Mission

I&PR(Web & New Media) Department

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Private Secretary to Hon'Minister (LSGD)

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Section Officer