

**CORRIGENDUM-5**

This **Corrigendum No. 5** dated **28.01.2025** to **Tender No. CQI8126P25** for **'EPCOM of 125 TPD Unsegregated MSW based CBG Plant at Tinsukia, Assam'** is issued to amend the following:

	<b>Clause No.</b>	<b>Existing Provision</b>	<b>Amendment</b>
1	2.0 Pg. No. 4 of 539	(xx) Site Visit  Bidders are advised to visit the site before submission Of bid. The site visit for bidders scheduled on 23rd and 24th January, 2024 between 10 Am to 3.0 PM For this please contact Mr Nabajyoti Das, Junior Engineer, Tinsukia Municipal Board, Mob no 9101132770 & 8761829757	xx) Site Visit  Bidders are advised to visit the site before submission of bid. The site visit can be scheduled on <b>30<sup>th</sup> and 31<sup>st</sup> January 2025</b> between 10:00 AM to 3.00 PM. Details of Nodal Person is as follows:  Mr. Nabajyoti Das, Junior Engineer, Tinsukia Municipal Board, Cell. No 9101132770
2	Clause 5.21.1 Pg no 121 of 539	<b>PBG For EPC work:</b>  Within 15 days of receipt of the Letter of Acceptance / Notification of Award/Purchase order, PBG @ 10 % of purchase order value exclusive of taxes (i.e.10 % of EPC contract value) excluding Operations & Comprehensive Maintenance portion must be submitted by the contractor as per format attached as Annexure- 8. The Performance Bank Guarantee shall be valid for a duration of 33 months as per (Considering 18 Months for commissioning and 12 months of Defect liability period). The claim period of the Performance Bank Guarantee (BG) shall be further 3 months beyond the validity of the BG.	<b>SECTION-V SPECIAL CONDITIONS OF CONTRACT/5.21 CONTRACT CUM EQUIPEMENT PERFORMANCE BANK GURANTEE (CPBG)</b>  The clause is being amended up to following extent;  <b>5.21.1 PBG For EPC work:</b>  Within 15 days of receipt of the Letter of Acceptance / Notification of Award/Purchase order, PBG @ 10 % of purchase order value exclusive of taxes (i.e.10 % of EPC contract value) excluding Operations & Comprehensive Maintenance portion must be submitted by the contractor as per format attached as Annexure- 8. The Performance Bank Guarantee shall be valid for a duration of 38 months as per

	Clause No.	Existing Provision	Amendment																																			
			(Considering Mechanical completion, commissioning, Stabilization, successful PGTR and 12 months of Defect liability period). The claim period of the Performance Bank Guarantee (BG) shall be further 12 months beyond the validity of the BG.																																			
4	Clause 7.9.12 (1) Page 169-170 of 539	<p><b>Digesters- Table</b></p> <table border="1"> <thead> <tr> <th data-bbox="566 496 658 584">Sr. No.</th> <th data-bbox="658 496 947 584">Description</th> <th data-bbox="947 496 1050 584">Unit</th> <th data-bbox="1050 496 1330 584">Remark</th> </tr> </thead> <tbody> <tr> <td data-bbox="566 584 658 711">6</td> <td data-bbox="658 584 947 711">Hydraulic Retention Time to be provided</td> <td data-bbox="947 584 1050 711">days</td> <td data-bbox="1050 584 1330 711">• 36 (min.) excluding Free Board</td> </tr> <tr> <td data-bbox="566 711 658 799">14</td> <td data-bbox="658 711 947 799">Material of Construction:</td> <td data-bbox="947 711 1050 799"></td> <td data-bbox="1050 711 1330 799"></td> </tr> <tr> <td data-bbox="566 799 658 1046"></td> <td data-bbox="658 799 947 1046" rowspan="2">Tank:</td> <td data-bbox="947 799 1050 1046">-</td> <td data-bbox="1050 799 1330 1046">• RCC M30 + Internal PU Coating of 1150 – 1300 micron DFT in Bio-Gas Storage Area; or</td> </tr> <tr> <td data-bbox="566 1046 658 1211"></td> <td data-bbox="947 1046 1050 1211">-</td> <td data-bbox="1050 1046 1330 1211">• Glass-fused-to-Steel (Glass-Lined-Steel)</td> </tr> </tbody> </table>	Sr. No.	Description	Unit	Remark	6	Hydraulic Retention Time to be provided	days	• 36 (min.) excluding Free Board	14	Material of Construction:				Tank:	-	• RCC M30 + Internal PU Coating of 1150 – 1300 micron DFT in Bio-Gas Storage Area; or		-	• Glass-fused-to-Steel (Glass-Lined-Steel)	<p>SECTION-VII DETAILED SCOPE OF WORK/ 7.9.12/ (1) Digesters</p> <p>The clause is being amended up to the following extent. Clause number is amended to (4) Digesters</p> <table border="1"> <thead> <tr> <th data-bbox="1375 635 1467 722">Sr. No.</th> <th data-bbox="1467 635 1724 722">Description</th> <th data-bbox="1724 635 1868 722">Unit</th> <th data-bbox="1868 635 2130 722">Remark</th> </tr> </thead> <tbody> <tr> <td data-bbox="1375 722 1467 850">6</td> <td data-bbox="1467 722 1724 850">Hydraulic Retention Time to be provided</td> <td data-bbox="1724 722 1868 850">days</td> <td data-bbox="1868 722 2130 850">• 36 (max.) excluding Free Board</td> </tr> <tr> <td data-bbox="1375 850 1467 938">14</td> <td data-bbox="1467 850 1724 938">Material of Construction:</td> <td data-bbox="1724 850 1868 938"></td> <td data-bbox="1868 850 2130 938"></td> </tr> <tr> <td data-bbox="1375 938 1467 1185"></td> <td data-bbox="1467 938 1724 1185">Tank:</td> <td data-bbox="1724 938 1868 1185">-</td> <td data-bbox="1868 938 2130 1185">• RCC M30 + Internal PU Coating of 1150 – 1300 micron DFT in Bio-Gas Storage Area; or</td> </tr> </tbody> </table>	Sr. No.	Description	Unit	Remark	6	Hydraulic Retention Time to be provided	days	• 36 (max.) excluding Free Board	14	Material of Construction:				Tank:	-	• RCC M30 + Internal PU Coating of 1150 – 1300 micron DFT in Bio-Gas Storage Area; or
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	<b>Clause No.</b>	<b>Existing Provision</b>	<b>Amendment</b>
5	Clause 7.9.12 (2) Pg. No. 171 of 539	<b>Biogas Holder -Table</b>  1. Design Biogas Flow: Nm3/day; 15,000 (Min.) 3. Biogas Storage Volume; Nm3; 9,750 (Min.)	<b>SECTION-VII DETAILED SCOPE OF WORK/ 7.9.12/ (2) Bio-Gas Holders</b>  The clause is being amended up to the following extent;  Clause number is amended to (5) Bio-Gas Holders  1. Design Biogas Flow: Nm3/day; 9,750 (Min.) 3. Biogas Storage Volume; Nm3; Equivalent to 25% of Bio-Gas Generation (min.)

All other terms and conditions of the Bid Document, including previous amendments remain unchanged. Details can be viewed at [www.oil-india.com](http://www.oil-india.com).

**MANAGER – CONTRACTS**

**Response to Queries of GPS Renewables - Clarification ( Lot-3)**

<b>S. No.</b>	<b>Clause No.</b>	<b>Existing Provision</b>	<b>Clarification Required</b>	<b>Suggested Text for Amendment</b>	<b>Clarification</b>
1	7.9.8	Pg. 162 Requirement of Infeed Bunker for Wet Waste	From our experience as India's only large-scale MSW to BioCNG company with successfully running plants in India and Europe; we suggest to have only one single infeed bunker for input waste (MSW or Wet Waste) rather than two separate lines.	Removal of Clause 7.9.8 or removal of the requirement to incorporate an additional infeed bunker (pre-treatment line) for Wet Waste separately.	Tender Conditions Prevails
2	7.9.12	Pg. 170 Requirement that Tanks such as Digesters, need to be of RCC	Having successfully designed, constructed and operated the Indore BioCNG plant which today generates more CBG than its design capacity, it is our suggestion to use Fabricated tanks made of MS Steel, than going for RCC based tanks.	Amend the requirement that all tanks of the CBG plant be fabricated of MS Steel.	Tender Conditions Prevails
3	7.9.12	Pg 171 Double-membrane type Biogas holder on top of the Digester	As a result of the above amendment (if agreed by OIL), it will not be possible to place the biogas holder balloon on top of the digester tank and therefore, the biogas holder balloon will be a separate ground-mounted storage balloon section.	Consequence of above amendment if agreed by OIL.	Tender Conditions Prevails

<b>S. No.</b>	<b>Clause No.</b>	<b>Existing Provision</b>	<b>Clarification Required</b>	<b>Suggested Text for Amendment</b>	<b>Clarification</b>
4	7.9.12	Pg 171 Biogas Storage Volume requirement of 9750 Nm3	The requirement of 9750 Nm3 volume worth of biogas storage is impractical and therefore, we would request that OIL reduces the storage requirement here.	As informed by Mr. CM Jain; we believe that the requirement for biogas storage has already been amended and brought down to 25% of 9750 Nm3 = 2500 Nm3 of storage volume.	Please refer Corrigendum 5
5	7.9.12	Pg. 169 Requirement that Hydraulic Retention Time (HRT) be a minimum of 36 days	Our of our experience in designing and operating successfully operational MSW based BioCNG plants across the globe, we would suggest that it is much more efficient to maintain an HRT of 21 to 22 days, which is even what we maintain for the Indore BioCNG plant.	Amend the requirement for HRT to 21 to 22 days since HRT of 36 days is not required.	Please refer Corrigendum 5