PRE BID CLARIFICATION FOR TENDE CQI9343P26

Sl.No.	Section/Clause/Pg No.	Existing provision as per Tender	Bidder's Query / Clarification Required	Suggested Text for Amendment	Rationale for the Clarification / Amendment	Resolutions during prebid meeting dt. 09/06/2025
1	9.8INSTRUCTIONS TO BIDDER	9.8. The scan copy of the original Bid Security in the form of bank guarantee /DD /Banker Cheque /Cashier cheque shall be uploaded by the bidder along with their Bid in GEM portal.	Please clarify whether we need to upload the Bid Security on GEM Portal or through OIL's e-procurement portal Requesting OIL to share the detailed procedure to upload the details on GEM portal, if bidder is to upload on GEM Portal.	Clarification required from the OIL		Refer the Corrigendum.
2	25.4INSTRUCTIONS TO BIDDER	25.4. This Performance Security must be valid for 90 (Ninety) days after the date of expiry of the contract period/defect liability period (if any). In the event of contract being extended within the provisions of the contract agreement, the contractor will have to extend suitably the validity of the "Security Deposit" for the extended period.	Please clarify whether we need to submit the Performance Bank Guarantee as per Clause XV, Pg 3, Clause 25 Pg31, or Clause 9 Pg 135. whi says Validity of Performance Security: 03 (three) months beyond the defect liability period.	Clarification required from the OIL		Tender conditions will prevail
3	3.1.1 (c)Bid Eligibility & Bid Evaluation	**Definition of Similar Work** Design, Engineering, Construction, Procurement, Installation, Commissioning of Biogas/CBG Project	The title of the contract document specifying 'Scope of Work' of the contract reads as 'Design, Engineering, Supply, Installation, Testing, and Commissioning Contract'. It is to be noted that the terms 'Construction' and 'Procurement' do not particularly appear in this 'Scope of Work' definition. However, in section 2, Page 7 of the TEPC Contract of the project being shown as experience point #4 specifically mentions 'Construction Activities and Services' under the Scope of Work of the bidder which refers to 'Construction'; and point #5 specifically mentions 'All materials / Equipment's necessary.....' under the Scope of Work of the bidder which essentially infers that 'Procurement' of all necessary equipment, material and services for the project is under the scope of the bidder. Therefore, the scope of work of the bidder in the project experience that will be shown, also covers 'Construction' and 'Procurement', even if not specifically mentioned in the title of the contract. We therefore request OIL to understand that the 'Scope of Work' title mentioned in the contract document even though does not specifically mention 'Construction' and 'Procurement', includes Construction and Procurement. We request OIL to consider the documents accordingly for qualification purpose.	This a clarificatory query and not a query for Amendment.	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender conditions will prevail
4	3.1.1 (c)Bid Eligibility & Bid Evaluation	**Definition of Similar Work** ..... successful 24 (Twenty-Four) months of operation and maintenance of the same plant	The bidder has successfully operated and maintained an MSW based Compressed Biogas (CBG) plant for a period of 21 months. In light of this, we kindly request OIL India to consider reducing the O&M experience qualification threshold to 21 months, so that capable and experienced bidders like us are not excluded due to a marginal and insignificant shortfall in experience. We believe that our operational track record demonstrates our capability to meet the performance expectations of the tender and assures our commitment to quality and reliability in O&M activities.	**Definition of Similar Work** ..... **successful 12 (Twelve) months** of operation and maintenance of the same plant	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
5	3.1.1 (b)Bid Eligibility & Bid Evaluation	**Definition of EPCOM** ..... and Operation & Maintenance (O&M) for the same plant in India as on date of bid submission	We understand that this clause does not mandate the bidder to be currently undertaking the O&M of the plant as on the date of tender submission. If our understanding is incorrect, we kindly request OIL to remove this requirement as it is also contradicting the clause 3.1.1 which requires 2 year of O&M experiance in last 10 financial years. Kindly confirm. We have set up an MSW based CBG plant and operated it for over 1 Year and 9 Months, after which the plant along with necessary training, was handed over to the client last year in September, 2024. Since the handover, the plant has been operated by the client or their designated agency.	**Definition of EPCOM** ..... and Operation & Maintenance (O&M) for the same plant in India	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
6	3.1.2 (a) (ii)Bid Eligibility & Bid Evaluation	Completion Certificate showing gross value of the job / service, description of job/service and duration of the contract.	1. The Bidder's client had issued a Mechanical Completion certificate (Cold Commissioning Certificate) signifying project completion as is defined in the contract document. The contract document defines Cold Commissioning as 'the completion of all erection, installation and assembly works'. The bidder will therefore submit this Mechanical Completion / Cold Commissioning Certificate signed by the client, signifying the Completion Certificate requirement of the tender. Kindly confirm if this is sufficient. 2. In addition to the above, the bidder will also provide a letter from the bidder's client, which mentions the description of the scope of work executed by the bidder, the contract value of the work done, the date on which the plant achieved Commercial Operations Date (COD) and the duration for which Operations & Maintenance (O&M) was undertaken by the bidder at the said plant. Kindly confirm if this is sufficient. 3. With respect to the aforementioned plant, the bidder currently has a letter issued by the bidder's client stating that 'Commissioning of the plant' will be achieved on the 31st of December, 2022. Thereafter, an agreement was signed between the bidder and the bidder's client for start and execution of O&M during evaluation period of the project by the bidder, from the 1st of January, 2023. There is no other document that was issued after the plant achieved commissioning on the 31st of December, 2022 saying that the plant achieved commissioning and instead the O&M agreement was directly signed between the bidder and bidder's client. The bidder shall thus provide the above set of documents as conclusive proof that the plant achieved commissioning on the 31st of December, 2022 and this is conclusive evidence of completion of project by the bidder. Kindly confirm.	Completion Certificate (i.e.; Certificate of Mechanical Completion or Cold Commissioning which is defined as completion of all erection, installation and assembly works) showing plant capacity.	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender conditions will prevail

7	3.1.1Bid Eligibility & Bid Evaluation	The said Plant should be in operation at the time of bidding.	We would request OIL to clarify which are the specific documents that can be provided by the bidder to indicate current operational status of the plant. We request you to consider documentary evidences such as BioCNG / CBG sales invoices raised during March 2025 or joint ticket signed by the final CGD consumer for CBG consumption during March 2025 or similar documents, as proof of current operational status of the plant. We also request you to consider 'Government Authorities Website evidences' such as the Ministry of Jal Shakti's GOBARDhan Unified Registration Portal for Bio-CNG Plants (https://gobardhan.sbm.gov.in/locate-plants?state=23&district=410&plant_type=&plant_status=), as proof of current operational status of the plant.	This a clarificatory query and not a query for Amendment.	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender conditions will prevail
8	4.1.3Bid Eligibility & Bid Evaluation	In the event of award, the contractor shall open a project specific account in a nationalized bank located in the vicinity where the project is executed. The contractor shall deposit an amount equal to 10% of the annualized contract value within 15 days from the date of issue of LOA. All payments against the contract shall be remitted to the project specific account. Any withdrawal from this account shall be only after the first payment against the contract is made by OIL. At any point of time the minimum balance after first remittance by OIL against invoice from the contractor shall remain 5% of the annualized contract value.	Clause 9 (Pg. 130 of the Tender Document) already requires submission of a 10% Contract Performance Bank Guarantee (CPBG) valid from the start of the project till 3 months after the Defects Liability Period. We therefore suggest the deletion of this requirement in Clause 4.1.3 mandating an additional 10% of the annualized contract value to be maintained as a deposit in a separate bank account and the requirement to maintain 5% of the annualized contract value in the separate bank account at all times. This is to avoid duplication of financial security for the project and also to avoid incurrance of additional financial charges by the project.	(Clause to be ommitted altogether)	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender conditions will prevail
9	4.1.3Bid Eligibility & Bid Evaluation	In addition to above the bidder should submit a financial resource / cash flow plan for execution of this contract.	We understand that this cash flow plan is required to be submitted by the sucessful bidder only post Letter of Award to the bidder. Kindly confirm.	This a clarificatory query and not a query for Amendment.	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender conditions will prevail
10	6.1.12Bid Eligibility & Bid Evaluation	Calculation for Estimated Bid Value (EBV)	What is the formula considered to calculate Present value	Requesting Excel file for the Sample Calculations for Evaluated Bid Value		Tender conditions will prevail
11	27.1.8General Conditions of Contracts	We respectfully request that payments for EPC works & O&M be considered directly against the corresponding payment request invoices. This alignment will help maintain a healthy cash flow and ensure the smooth and timely progress of the project works.	Payment of invoices for EPC as well as O&M, if undisputed, shall be made within 15 days following the date of receipt of the invoice by COMPANY. In case of any payment delay beyond 15 days reasons not attributable to bidder, OIL shall compensate the Contractor by paying interest at the rate of 12% per annum on the delayed Payment.	Payment of invoices for EPC as well as O&M, if undisputed, shall be made within 15 days following the date of receipt of the invoice by COMPANY. In case of any payment delay beyond 15 days reasons not attributable to bidder, OIL shall compensate the Contractor by paying interest at the rate of 12% per annum on the delayed Payment.	Clarification required from the OIL	Tender conditions will prevail
12	2.2.23Special Condition of Contract	The first year of O&M shall not include the spares, as the same shall be covered under defect liability period.	Kindly note that the Defect Liability Period (DLP) covers only manufacturing defects and does not extend to regular maintenance or the replacement of consumable spares. Therefore, spare parts will be required even during the first year of Operation & Maintenance (O&M).	We kindly request the deletion of this clause.	Clarification required from the OIL	Tender conditions will prevail
13	3.3.1Special Condition of Contract	3.3 Payment Terms for Operation and Maintenance 3.3.1 Payment for the operation and maintenance of the facility will be made on a quarterly basis,	We request to Consider Pamyent for O&M on monthly basis instead of Quarterly Basis	Payment for the operation and maintenance of the facility will be made on aMonthly basis	Clarification required from the OIL	Tender conditions will prevail
14	30(b)General Conditions of ContractS	If the contractor is unable to mobilize/deploy and commence the operation within the period specified in sub clause (a) above, it may request OIL for extension of the time with unconditionally agreeing for levy and recovery of LD. Upon receipt of such a request, OIL may at its discretion, extend the period of mobilization and shall recover from the CONTRACTOR, as an ascertained and agreed Liquidated Damages, a sum equivalent to @ 0.5% of contract value including mobilization cost, per week or part thereof of delay subject to maximum of 7.5% of the Contract Price.	We propose revising the LD clause to cap liquidated damages at 5% of the EPC contract value, instead of 7.5% of the total contract price. This adjustment aligns with standard industry practices and fairly reflects the impact of delays specific to the EPC scope. Further, where LD is applied, the PBG shall not be invoked and no other damages or costs are payable.	Clarification required from the OIL		Tender conditions will prevail

15	3.2Special Condition of Contract	Payment Schedule Summary 1. Drawings & Documentation (Max 3% of Contract Value excl. O&M) BEP Completion – 15% Structural Design & Drawings – 35% Mechanical Detailed Engineering – 30% Electrical & Instrumentation Engineering – 20% Permissions/Clearances – 100% of item 1.E (Pro-rata) 2. Civil Works (Max 25% of Contract Value excl. O&M) Monthly Running Bills (Pro-rata) – 75% Completion of Civil Work – 15% Commissioning – 5% PGTR Test – 5% 3. Mechanical, Electrical & Instrumentation (Max 75% of Contract Value excl. O&M) Supply (Monthly Running Bills) – 75% Mechanical Completion – 15% Commissioning – 5% PGTR Test – 5%	We propose the following general Payment T&C which are accepted as industry standard today and are the terms on which we work with all of our other clients. The objective of these terms is to ensure that no extra financial charges (with no particular value) are incurred by the bidder - 1. Drawings & Documentation (Maximum up to 10% of Contract Value excl. O&M) A. Basic Engineering Package (BEP) – 50% B. Structural Design & Civil Drawings – 20% C. Mechanical Detailed Engineering – 15% D. Electrical & Instrumentation Engineering – 15% E. Approvals/Clearances (Pro-rata) – 100% of Item 1.E in Price Schedule-1 2. Civil Works (Maximum up to 35% of Contract Value excl. O&M) A. Monthly Running Bills (Pro-rata) – 85% B. Civil Work Completion – 10% C. Commissioning – 2.5% D. PGTR Test – 2.5% 3. Mechanical, Electrical & Instrumentation Works (Maximum up to 65% of Contract Value excl. O&M) A. Supply of Equipment (Pro-rata) – 85% B. Mechanical Completion – 10% C. Commissioning – 2.5% D. PGTR Test – 2.5%	Clarification required from the OIL		Tender conditions will prevail
16	3.3.1Special Condition of Contract	3.3 Payment Terms for Operation and Maintenance 3.3.1 Payment for the operation and maintenance of the facility will be made on a quarterly basis,	We request to Consider Pamyent for O&M on monthly basis instead of Quarterly Basis	Payment for the operation and maintenance of the facility will be made on aMonthly basis		Tender conditions will prevail
17	7.1.1Special Condition of Contract	DEFECT LIABILITY PERIOD (DLP) If any parts (excluding spares or consumables) or equipment need to be replaced, the DLP for those items will be extended for one year from the date of replacement. For parts replaced in the 10th year of operation and maintenance (O&M), the DLP will be extended for one year from the time of replacement.	As per standard industry practice and our vendor terms, the Defects Liability Period (DLP) for any replaced or repaired parts (excluding spares or consumables) is limited to 12 months from the date of replacement. No additional DLP beyond this period can be provided, including for items replaced during the 10th year of O&M.	Clarification required from the OIL		Tender conditions will prevail
18	6General Technical Specification	CONTRACTOR'S RESPONSIBILITY	We request to consider the below approvals are to be considered in the scope of Client scope the bidder shall support in technical documentation. CTE, CTO, Authorization under Rule 6 of the Hazardous and Other Wastes (Management, Handling and Transboundary Movement) Rules, 2016, Factory License under the Factories Act, 1948. NOC from the concerned Municipal Corporation. & PESO and various other approvals have been kept in contractor scope EIA Study, Environment Clearance (EC), and all other Statutory Approvals required from any local/state/central/any other authority for Construction as well as Operation & Maintenance of the Facility. (Authorities responsibility, contactor to support)			Tender conditions will prevail
19	16 (b)General Condition of Contract	Limitation of Liability Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the CONTRACTOR in respect of this contract, whether under Contract, in tort or otherwise, shall not exceed 100% of the Contract Price (if not specified otherwise in SCC), provided however that this limitation shall not apply to the cost of repairing or replacing defective equipment by the CONTRACTOR, or to any obligation of the CONTRACTOR to indemnify the COMPANY with respect to Intellectual Property Rights.	We propose to have 10% of Contract Price as Limitation of liability. Further, in the proviso or exception to this clause, repair or replacement must be limited to the warranty period of this Contact and should be within the limitation of liability. However, the last sentence relating to indemnity must be removed.	Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the CONTRACTOR in respect of this contract, whether under Contract, in tort or otherwise, shall not exceed 10% of the Contract Price.	It is industry practice to include any repair or replacement within the limitation of liability of the Contractor.	Tender conditions will prevail
20	15.1.3 and 15.1.4General Condition of Contract	General Conditions under Liability	We request to add exception to state that "*CONTRACTOR does not waive its right of recourse where damage or liability has occurred due to actions of the Company or its representatives.*"			Tender conditions will prevail
21	24General Condition of Contract	SUBCONTRACTING/ASSIGNMENT	We requiest that Subcontracting should not require prior written consent.		There will be many small subcontracts including civil works, labor supply, transportation etc, and going for prior approval for such subcontracts will affect timelines of the Project. Further, ultimately, Contractor remains responsible for all acts of subcontractor engaged by them.	Tender conditions will prevail
22	44.1.8General Condition of Contract	Consequence of Termination		We request to that as part of consequences of termination, Company shall pay all outstanding invoices, and for all work completed until effective date of termination, and for costs incurred by Contractor towards the Works until the effective date of termination (including for material ordered but not yet supplied) and for demobilization. All third party POs / contracts will be assigned by Contractor to Company after receipt of payment as stated above.		Tender conditions will prevail

23	Intellectual Property Rights		We request to introduce new provision	"Detailed clause on intellectual property to be added as below: "Intellectual Property Rights" means all intellectual property and industrial property rights comprising or relating to: (a) patents, (including all reissues, provisionals, continuations and continuations-in-part, re-examinations, renewals, substitutions and extensions thereof), patent applications, and other patent rights and any other Governmental Authority-issued indicia of invention ownership (including inventor's certificates); (b) trademarks, trade names, brand names, together with the goodwill symbolized by any of the foregoing, in each case whether registered or unregistered and including all registrations and applications for, and renewals or extensions of, such rights and all similar or equivalent rights or forms of protection in any part of the world; (c) internet domain names, whether or not trademarks, registered by any authorized private registrar or governmental authority, web addresses, web pages, website and URLs; (d) works of authorship, expressions, designs and design registrations, whether or not copyrightable, including copyrights and copyrightable		Tender conditions will prevail
24	8.4General Technical Specification	Extension of Time	We request to add "any delay in providing approval by the Company" and "delay in release of payment to the Contractor" as a ground for extension of time. Also in addition to the time, Contractor should also be paid additional cost incurred due to such delays.	The Contractor shall not be allowed for any extension of time for completion except in the following cases: a. Force Majeure As per details stated in the Contract. b. Major changes or substantial addition to work ordered by the OIL adversely affecting the completion time. c. Any other circumstance of any kind whatsoever which may occur making the Contractor entitled to an extension of time which, however, shall be in the absolute discretion of the OIL. d. Any delay in approving design, drawing, document by the Company; e. Any delay in release of payment to the Contractor		Tender conditions will prevail
25	2.8.2Special Condition of Contract	Commissioning of the unit will be considered once the biogas generation is established from MSW feed of minimum 70 MT/day for minimum 7 days with all the sections like pre- treatment, hydrolyser, digestor, purification, compression and effluent treatment are operational. Only after obtaining the commissioning certificate from PMC/ OIL project will be deemed to be considered as commissioned.	In the event that the Client is unable to supply the minimum quantity and quality of SSOF Municipal Solid Waste (MSW) feedstock of 70 MT/day within one month from our written request during the Commissioning and Stabilization period, and thereby is unable to maintain this supply level for at least 7 consecutive days, we respectfully request that the plant be deemed successfully commissioned, provided that the shortfall in feedstock supply is attributable to the Client and not due to any deficiencies in plant performance..	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
26	11.1.1Special Condition of Contract	Performance Test The PGTR will be conducted continuously for 30 days following the date of stabilization of the Plant. During this period, the plant must process a minimum of 100 TPD of SSOF-MSW.	In the event that the Client is unable to supply the minimum required SSOF Municipal Solid Waste (MSW) feedstock of 100 MT/day within one month from our written request during the PGTR, and thereby is unable to maintain this supply level for at least 30 consecutive days, we respectfully request that the plant be deemed successfully commissioned, provided that the shortfall in feedstock supply is attributable to the Client and not due to any deficiencies in plant performance.	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
27		PGTR- Request for additional Clause	In case due to any condition which is not attributable to the bidder the PGTR is suspended or extended, the O&M cost for the same during the extended period will be borne by OIL or PGTR is deemed to be successfully completed & OIL to provide the certificate for the same.	Clarification required from the OIL		Tender conditions will prevail
28	11.1.4Special Condition of Contract	Design Conditions- Feed Stock	As there is no waste characterization data available, we kindly request you to share the same. This information is essential for us to design an appropriate pretreatment system based on the actual waste characteristics.	Requesting the waste characterization data to understand the quality of FS.	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
29	12.1.2 Special Condition of Contract	Performance during PGTR 12.1.2 Pg 151 Vendor shall design and operate the entire plant in such a way so that minimum 425 Nm3 of raw biogas at inlet of gas purification system with minimum 50% CH4 content is produced per MT of volatile solids fed to the digester in the form of slurry. 2.1.3 Pg 185 The raw biogas output shall be minimum 425 Nm3/Ton of volatile solids in MSW at the plant infeed bunker,	These two clauses contradict each other,, we suggest changes in clasue 2.1.3 Pg 185 to make it in line with clause 12.1.2 Pg 151	2.1.3 Pg 185 The raw biogas output shall be minimum 425 Nm3/Ton of volatile solids fed to Digestor/ Hydrolyser	Clarification required from the OIL	Refer the Corrigendum.

30	12.2Special Condition of Contract	Performance during O&M Period 12.2.2 During the O&M period, the bidder shall maintain plant availability of ≥96% for each operational quarter. If the plant Availability Warranty is not met, the bidder shall compensate the owner with Availability Liquidated Damages at a rate of 1.5% for every 1% reduction in plant availability, up to a maximum of 20% of the applicable O&M fees for the relevant operational quarter. 12.2.4 Vendor shall ensure that CH4 loss by weight from production of raw biogas measured at the inlet of gas purification system to purified CBG delivered at the outlet of the purification system shall not be more than 1%. If the shortfall of CBG biogas quantity (Volume as well its weight) finally delivered at the outlet of the purification system to Gas network piping header on quarterly basis over the quantity discovered during the final PGTR is more than 3%, a price discount @ 100% of prevailing CBG sale price for OIL (incl.	Clauses 12.2.2 and 12.2.4 appear to be similar in nature as both pertain to the operational performance of the plant during the O&M period and impose liquidated damages for performance shortfalls. Clause 12.2.2 penalizes shortfalls in plant availability, while Clause 12.2.4 imposes financial penalties based on methane (CH_4) loss and shortfall in Compressed Biogas (CBG) delivery. As both clauses may be triggered by overlapping or identical operational issues (e.g., reduced biogas production or system inefficiencies), there is a significant risk of duplication of penalties for the same underlying shortcoming. This could lead to unfair and excessive liquidated damages being imposed on the bidder. We therefore request that the clauses be reviewed and harmonized to avoid double penalization for the same performance deficiency.	We request Deletion of clause 12.2.2	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
31	12.2.4Special Condition of Contract	Performance during O&M Period If the shortfall of CBG biogas quantity (Volume as well its weight) finally delivered at the outlet of the purification system to Gas network piping header on quarterly basis over the quantity discovered during the final PGTR is more than 3%, a price discount @ 100% of prevailing CBG sale price for OIL (incl. of applicable taxes) shall be levied for shortfall of CBG biogas beyond 3% subject to a maximum of 50% of quarterly O&M bill.	We kindly request that the volatile solids (VS%) fed to the digester during the O&M period to be linked to the bidder's CBG delivery obligations, taking into account the biogas yield achieved during the PGTR.	If the shortfall of CBG biogas quantity (Volume as well its weight) finally delivered at the outlet of the purification system to Gas network piping header on quarterly basis over the quantity discovered during the final PGTR (considering volatile solids (VS%) fed to Digester) is more than 3%, a price discount @ 100% of prevailing CBG sale price for OIL (incl. of applicable taxes) shall be levied for shortfall of CBG biogas beyond 3% subject to a maximum of 50% of quarterly O&M bill.	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
32	13.1.1Special Condition of Contract	Quality of FOM The quality of FOM produced shall be in strict conformity to specification/composition as mentioned in technical bid package and no deviation shall be allowed. Bidder should comply with all the requirements as per Gazette Notification No. 2051 dated 14.07.2020 and No. 1972 dated 01.06.2021 issued by Ministry of Agriculture and Farmers Welfare regarding inclusion of Fermented Organic manure (FOM) under fertilizer (Inorganic, organic or mixed) (control) act 1985.	The quality of feed stock inpacts the quality of FOM and the quality of Feed stock supplied is not in control bidder hence we requested to eliminate this clause.	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
33	1.1 a)General Technical Specification	Biogas shall be de-sulphurised to remove Hydrogen Sulphide (H2S) and then further purified/upgraded to remove Carbon Dioxide (CO2), Moisture and other impurities. The purified/upgraded biogas will be **compressed to 4 / 15 bar** for injection into the City Gas Distribution (CGD) pipelines.	Difference in the CBG compression pressure in this section & in Clause 10. On Page 131. where it is mentioned as CBG pressure should be **7 bar at the BL**	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
34	2.3.3Special Condition of Contract	Temporary Facilities Contractor scope of work also includes providing of temporary power supply, water and other utilities required for fabrication, construction, office& drinking water facilities etc. during execution till completion of installation and commissioning of CBG Plant and its associated facilities as defined in specification and drawings.	Requesting OIL to kindly clarify the scope of work (providing of temporary power supply, water and other utilities required for fabrication, construction, office& drinking water facilities etc) during PGTR	Clarification required from the OIL	Clarification required from the OIL	Tender Conditions will prevail
35	1.1 e)General Technical Specification	Any process rejects or inert materials will be landfilled in the Sanitary Landfill Facility (SLF).	Requesting OIL to clarify the scope of loading rejects in Vehicles, its transport, unloading and its disposal at SLF site. Also, requesting OIL to share the distance between the site & the SLS site.	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
36	2.5 XVApplicable Codes, Standards and Regulations	Applicable Codes, Standards and Regulations	Consideration of the OISD norms is not required as this is a Biogas plant which doesn't fall under OISD norms.	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
37	2.1.9General Technical Specification	All technology selections must be based on proven designs. The equipment, processes, or strategies proposed by the Bidder must have been successfully operational for at least 2 (Two) Years in their previous projects. Additionally, all equipment must be suitable for the specific treatment of SSOF-Municipal Solid Waste.	As the technology, process, and equipment details (excluding equipment sizing) are defined by OIL itself, this clause should not be technically applicable. However, if necessary, the Performance Test Reports (PTR) of the selected equipment can be provided from the respective equipment vendors or OEMs after the project award	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender Conditions will prevail
38	4.3.2General Technical Specification	4.3 Redundancy Requirements All the Heat Exchangers / Coolers shall be of 2 x 100% or 3 x 50% capacity.	Heat exchangers are stationary equipment, and therefore it is not essential to provide 2 x 100% redundancy. In the event of a malfunction, the unit can be promptly replaced with the available spare to ensure continuity of operations. Hence we request OIL to consider 1W heat exchanger/cooler with the mandatory spares in store.	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender Conditions will prevail
39	4.3.3General Technical Specification	All the mixers and agitators shall be of n+1 configuration (n=design number). In other words, even if one mixer or agitator is out of operation, the unit / system shall be able to give the designed outcomes.	For open tanks such as digestate sump tank,centrate sump tank, the agitator can be kept as a standby unit in storage rather than installed as a fixed standby, which simplifies maintenance and ensures rapid deployment when needed. For closed tanks like digester, agitator redandancy can be of n+1 configuration.	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.

40	4.3.4General Technical Specification	All process lines must be designed to operate at 130% capacity. A minimum of two streams should be considered, with each stream having a capacity of 65% (2 x 65%).	This method of keeping the two process lines , while the objective of designing all process lines for 130% capacity with a two-stream configuration (2 x 65%) is acknowledged, separating the process into multiple independent lines is not feasible/advisable due to the integrated and continuous nature of the operation and As we have Standby for all critical equipment. The high level of interdependency within the process limits the practicality of parallel streams, as doing so would adversely affect efficiency, process control, and overall operability.	Requesting to keep the standard philosophy of single lines for process.	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
41	4.3.5General Technical Specification	All the tanks / sumps shall be of 2 x 60%.	Provisioning two tanks/sumps for the same process would necessitate the inclusion of additional systems/equipment, which are not essential and would adversely impact the overall project cost and commercial viability. As an alternative, we propose to add additional total design margin of 10% in the same tanks.	Requesting to keep the standard tank with approx. 10% of additional design buffer in the tanks.	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender conditions will prevail
42	7.4General Technical Specification	Plant Cleaning Equipment.	What all equipments are required under this catagory?	Clarification required from the OIL	Clarification required from the OIL	Tender conditions will prevail
43	7.5General Technical Specification	• Skid Stir Loader. • Truck. • Tractor + 2-Wheeled Hydraulic Trolley. • Truck Mounted Sewer Suction Machine. • Emergency Response Vehicle (Ambulance).	What is the quantity of each vehicle to be considered for supply? Can we consider Electric vehicles for the same?	Clarification required from the OIL	Clarification required from the OIL	Tender conditions will prevail
44	7.6Control and Automation Philosophy for Operation of Plant	Control and Automation Philosophy for Operation of Plant The complete Plant shall be designed for automatic operation through Programmable Logic Control (PLC) and Supervisory Control and Data Acquisition (SCADA). All the Equipment shall be necessarily connected to PLC for monitoring and control.	Can the plant be designed for semi-automation, with all key equipment integrated with PLC and SCADA, allowing minimal manual intervention where needed for efficient and cost-effective operation?	Clarification required from the OIL	Clarification required from the OIL	Tender conditions will prevail
45	General		Who will be responsible for providing cow dung required for commissioning?	Clarification required from the OIL	Clarification required from the OIL	Bidder's scope
46	12.2General Technical Specification	12.2 Commissioning Tests Commissioning tests shall be performed in accordance with the procedure contained in the commissioning program approved by the Owner for individual equipment/system and as a plant.	Requiring the bidder to perform an additional pre-commissioning test in addition to the Acceptance Test may result in a repeated activity prior to commissioning, which is not essential and could potentially lead to delays in the project schedule.	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
47	12.3General Technical Specification	Trial Operations The trial operation will last for a minimum period of thirty (30) days continuously at rated full load or part load,	Is this test the PGTR itself. WRT: 11.1.1 Pg. No. 132 of tender document As per the details, it is understood that over and above PGTR the bidder needs to perform this trial operations. we requet to delete this clause.	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
48	12.4General Technical Specification	Reliability Run Upon the successful and satisfactory completion of the Trial Run and Reliability Run, as approved by the Owner, the plant will be ready for the Performance Guarantee Test Run (PGTR).	We request to consider PGTR test directly post the commissioning & rampup of the plant. This is because PGTR fulfills all the conditions that are considered in thePerformance test, Avaliability test, Trial Operations & Reliability Run which will delay the project. Hence requesting to remove the other tests like avaliability test, Trial Operations Test & Reliability Run. **We request to consider the same earlier PGTR test procedure (which was considered for Tinsukia & Bhubneshwar) for these tenders/projects too.**	**We request to consider the same earlier PGTR test procedure (which was considered for Tinsukia & Bhubneshwar) for these tenders/projects too.**	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
49	26General Technical Specification	DOCUMENTS TO BE SUBMITTED ALONG WITH BID 26.1.1 General (Applicable for all discipline) 3.General arrangement drawing with section for major building viz Digester, Hydrolysis tank, Feed mixing tank, SCADA Room, SLS Room, Purification shed, Laboratory etc., showing maintenance area. 11. Maintenance plan. 14.Reference list detailing the Bidder's experience in using the specified equipment over the past three years (03) from the date of bid issuance. 26.1.2 Mechanical 3. Piping & Instrumentation Diagram (P&IDs). 5. Water Balance 6. Energy Balance 26.1.3 Electrical 1. Technical description of electrical system. 2. Typical Single line diagram (SLD).	The listed documents are engineering deliverables that shall be shared during project execution, and we kindly request its exclusion from the current submission requirements, as it will be developed during the detailed engineering phase.	Request exclusion of the documents mentioned in tender & in the adjoining column "Existing provision as per Tender" from the current submission requirements	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
50	Annexure 6INDICATIVE GA DRAWING OF THE PROJECT LAYOUT	Single line schematic diagram of electrical system for grid interfacing General drawings of electrical installations including unit substations control & metering station, etc. General arrangement drawings and circuit diagrams of major electrical equipment.	These documents are a detailed engineering document which shall be submited during project execution, hence requesting OIL to exclude it's submission along with the bid	Request exclusion of the documents mentioned in tender & in the adjoining column "Existing provision as per Tender" from the current submission requirements	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.

51	3Section-VIII Detailed Technical Specifications - Process & Mechanical	3.2 Data Sheet - Weighbridge	Weighbridge size & capacity should be defined as per the requirment of client.		This can be a difference between the consideration in design from bidder to bidder. To bring clarity in the system, we request OIL to share the technical details of the weigh bridge like, capacity, quantity & dimensions for bringing all bidders on one page.	Refer the Corrigendum.
52	1.1.4Section-VIII Detailed Technical Specifications - Process & Mechanical	All process (including feedstock processing & pre-treatment) lines must be designed to operate at 130% capacity. A minimum of two streams should be considered, with each stream having a capacity of 65% (2 x 65%).	This method of keeping the process lines separate, while the objective of designing all process lines for 130% capacity with a two-stream configuration (2 x 65%) is acknowledged, separating the process into multiple independent lines is not feasible due to the integrated and continuous nature of the operation. The high level of interdependency within the process limits the practicality of parallel streams, as doing so would adversely affect efficiency, process control, and overall operability.	Requesting to keep the standard philosophy of single lines for process with adequate design margins	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
53	1.1.5Section-VIII Detailed Technical Specifications - Process & Mechanical	Standalone ballons shall be minimum of 2 x 50% (if provided).	This redundancy in gas holder is not necessary, as storage is already provided above the digester tanks. Including additional redundant storage would increase both CAPEX along with space requirements.	Requesting to reconsider this redundancy of the gas holder	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender conditions will prevail
54	1.1.8Section-VIII Detailed Technical Specifications - Process & Mechanical	Specifically, the same type of equipment should have been in use for more than three years under similar conditions in India without major breakdowns. Unproven, prototype or first-off equipment or components are not acceptable.	Equipment selection can be finalized based on suitable PTRs, which will be provided by the respective equipment vendors post award.	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
55	4.4.5General Technical Specification	RDF Storage is mentioned to consider 7 days	Typically, the process rejects will consist of materials such as plastic, cloth, glass, wood, metal, sand, and silt. Therefore, our plant will not generate RDF. We request clarification on this aspect.	Clarification required from the OIL	1. As there is already storage considered for Raw Biogas, we dont require additional Storage	Refer the Corrigendum.
56	4.4.5General Technical Specification	Equipment/Section Name Owner's Design requirement 9. Purified biogas storage 4 hour/day	Raw Biogas storage as mentioned in the tender are enough for the Biogas storage, as we are doing grid injection, in case bidder need to supply a purified gas balloon we need to depressurise it from 12 bar to 20mBar to store gas in ballon, and again pressurise it from 20 m bar to 7 bar for grid injection which will result in addional capex & opex withought adding any operational advantage.	We request OIL to consider the removal of this Standalone gas holder for purified biogas.	1. Since storage for raw biogas has already been accounted for, additional storage is not required. 2. The purified biogas exiting the Biogas Upgradation System is at a high pressure (approximately 10 to 11 bar(g)). The current positioning and design of the biogas holder are not suitable for handling gas at this pressure. Furthermore, reducing the pressure for storage in a low-pressure biogas balloon would necessitate recompression later, resulting in additional energy consumption and operational inefficiencies, thereby impacting the project's overall performance.	Refer the Corrigendum.
57	Section-VIII: Detailed Technical Specifications - Process & Mechanical	Datasheets of the equipments	All datasheets to be filled by the bidder are required during the engineering phase of the project and are not applicable at the bidding stage. These details can be provided as part of our deliverables during the engineering phase.	Requeting OIL to exclude the data sheets from current submissions.	All datasheets to be filled by the bidder are required during the engineering phase of the project and are not applicable at the bidding stage. These details can be provided as part of our deliverables during the engineering phase.	Tender conditions will prevail
58	13.1.3Anaerobic Digester	Digesters shall be Wet Continuous System and Thermophilic Type with adequate Mixing and Heating System.	For MSW it is recommonded to consider Mesophilic process which is proven.	Requesting OIL to consider Mesophilic process for Anaerobic digesters	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Tender conditions will prevail
59	13.2.2Section-VIII: Detailed Technical Specifications - Process & Mechanical	Anaerobic Digester Datasheet CSTR type - RCC construction	We request OIL to consider Metallic digester tanks as it is a proven technology.	Clarification required from the OIL	Rationale has been provided in the 'Bidder's Query / Clarification Required' column.	Refer the Corrigendum.
60	13.1.1Section-VIII: Detailed Technical Specifications - Process & Mechanical	The AD technology shall utilize a Continuous Stirred Tank Reactor (CSTR) with a wall-mounted agitation system. This technology must have a proven track record, having been successfully implemented and operated for more than three years post-installation.	For MSW Metallic tanks with top centrally mounted agitators is a proven technology.	Requesting OIL to consider Metallic (MOC) digester tanks with top mounted Agitator for Anaerobic digesters	As specified in the tender, a 3-year performance record is required. We would like to request OIL to consider and permit the submission of performance data for metallic tanks equipped with centrally mounted agitators. Based on this, we kindly request that bidders be allowed to offer metallic tanks with top-mounted agitators as a valid alternative against the present requirment of RCC Tanks with side entry agitators.	Refer the Corrigendum.
61	13.2.2Section-VIII: Detailed Technical Specifications - Process & Mechanical	Anaerobic Digester A.) AD system (full set including all major and minor components)- CSTR type - RCC construction 6. Material of Construction Tank-RCC M30 + Internal PU Coating of 1150-1300 micron DFT in Bio-Gas Storage Area • Glass-Fused-to-Steel (Glass-Lined-Steel).	We request permission to allow Digestor MOC for mild steel, along with the RCC and GFS.	Requesting OIL to consider Metallic (MOC) digester tanks with top mounted Agitator for Anaerobic digesters	As specified in the tender, a 3-year performance record is required. We would like to request OIL to consider and permit the submission of performance data for metallic tanks equipped with centrally mounted agitators. Based on this, we kindly request that bidders be allowed to offer metallic tanks with top-mounted agitators as a valid alternative against the present requirment of RCC Tanks with side entry agitators.	Refer the Corrigendum.

62	13.1.2Section VIII: Detailed Technical Specifications - Process & Mechanical	Anaerobic Digester AD system should feature a vertical digester with a top-mounted storage balloon.	We request OIL to consider Metallic digester tanks with a ground mounted raw biogas holder is a proven technology.	Requesting OIL to consider Metallic (MOC) digester tanks with top mounted Agitator for Anaerobic digesters & ground mounted raw biogas holder system.	As specified in the tender, a 3-year performance record is required. We would like to request OIL to consider and permit the submission of performance data for metallic tanks equipped with centrally mounted agitators. Based on this, we kindly request that bidders be allowed to offer metallic tanks with top-mounted agitators as a valid alternative against the present requirment of RCC Tanks with side entry agitators.	Refer the Corrigendum.
63	13.1.3Section VIII: Detailed Technical Specifications - Process & Mechanical	Anaerobic Digester The AD process shall primarily be designed to operate under thermophilic conditions. However, during the operational stage, it should also be capable of functioning under mesophilic conditions if necessary.	We request OIL to consider Mesophilic process conditions, Metallic digester tanks with a ground mounted raw biogas holder is a proven technology. Also, on which technology/condition the yield of 425Nm3/ton of VS is to be guaranteed.	Clarification required from the OIL	Clarification required from the OIL	Tender conditions will prevail
64	13.1.6Section-VIII: Detailed Technical Specifications - Process & Mechanical	Anaerobic Digester Design of the AD system shall be 30 % higher than the rated capacity of 125 TPD of Mixed-MSW CBG plant.	Considering a 30% design margin for the digester tanks is considerably high. We request adopting a standard 10% design margin, which would help avoid unnecessary CAPEX without compromising performance	Clarification required from the OIL	Clarification required from the OIL	Tender conditions will prevail
65	10.1.2 LSection-VIII: Detailed Technical Specifications - Process & Mechanical	Anaerobic Digester Hydraulic Residence Time = 36 days	Requesting OIL to consider techology which bidder wish to propose where the HRT is approx. 21 to 22 days.	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
66	13.2.2Section-VIII: Detailed Technical Specifications - Process & Mechanical	ANAEROBIC DIGESTER L. Hydraulic Residence Time Days Minimum 36 excluding Free Board 2.1.2 Design of the Pre-feed system and Digestor package shall be 30% higher than the rated capacity of 200 TPD Source Segregated Organic Fraction (SSOF) of Municipal Solid Waste (MSW) 200 TPD SSOF-MSW-based CBG plant. 13.1.6 Design of the AD system shall be 30 % higher than the rated capacity of 200 TPD of SSOF-MSW CBG plant.	Does it mean we need to design digestor for 47 days HRT considering 30% higher capacity as per clause 2.1.2 page 295 & 13.1.6 page 328 Requesting OIL to consider techology which bidder wish to propose where the HRT is approx. 21 to 22 days.	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
67	17.1.1Section-VIII: Detailed Technical Specifications - Process & Mechanical	BIO-GAS PURIFICATION AND UPGRADATION SYSTEM The Design Capacity of the purification and upgrading system shall be 130% of the biogas generated and shall be subject to the approval of the Owner. All the rotating equipment / heat exchangers / coolers shall be of 2 x 100% or 3 x 50% capacity.	Considering a 30% design margin for the this system is considerably high. We request adopting a standard 10% design margin, which would help avoid unnecessary CAPEX without compromising performance	Clarification required from the OIL	Clarification required from the OIL	Tender conditions will prevail
68	19.1.2"Section-VIII: Detailed Technical Specifications - Process & Mechanical"	COMPRESSED BIO-GAS (CBG) SYSTEM The bidder shall supply compressor systems designed for operation in a biogas production environment, capable of achieving an outlet pressure of 45 bar for injection into the CGD pipeline.	On Page no 131 section 10, the pressure to be considered for injection in pipeline should be 7 bars But here its mentioned to acheive pressure of 45 bar. In Data sheet on page 362 point J its mentioned as 50 bars.	Requesting OIL to please clarify & confirm the final pressure required by CGD.	Clarification required from the OIL	Refer the Corrigendum.
69	20.6.1Section-VIII: Detailed Technical Specifications - Process & Mechanical	Datasheet - Dewatering Equipment 1. Scope of Supply -Belt Filter Press: Belt Filter Press including Flocculator, Dewatering, Polyelectrolyte Dosing System, Online Dynamic Mixer, Filtrate Collection Tray, Filtrate Collection Tray, Stand-alone Electrical cum PLC Panel and all other Accessories complete. 20.6.1 Digestate from Digestate Sump shall be pumped to the Press Screw Separators which shall separate the Digestate into Solid (Dewatered Sludge) and Liquid (Centrate) phases. The Dewatered Sludge shall be then transported to the Composting Facility to produce Compost whereas the Centrate shall be taken to the Centrate Sump-1 and then pumped to the downstream Dewatering Equipment for further dewatering.	As Press Screw Separators and belt filter press are two different equipment Kindly clarify whether we need to consider Press Screw Separators OR belt filter press for 1st stage of Sludge Dewatering equipment.	OIL to clarify the type of equipment that needs to be considered.	Clarification required from the OIL	Refer the Corrigendum.

70	26.2.1 26.2.2 26.2.3Section-VIII: Detailed Technical Specifications - Process & Mechanical	HEATING VENTILATION AND AIRCONDITIONING SYSTEM-SOW 26.2.1 Package type AC Units or Air-cooled DX type air-conditioning system (up to 40TR) 26.2.2 Centralized AC system (More than 40TR) with air cooled condensing units and DX coil AHUs. 26.2.3 Split type air-conditioning units (Up to 10TR)	Does it mean that bidder to provide all these HVAC system?	Requesting OIL to consider only Split Type AC systems (heavy duty) instead of HAVC System The details of HVAC System are so elaborate, exhastive & non-required for a biogas/CBG project.	Clarification required from the OIL	Tender conditions will prevail. Specification clearly specifies that Split ACs can be used upto 10 TR Load.
71	13.1.10Section-VIII: Detailed Technical Specifications - Process & Mechanical	ANAEROBIC DIGESTER The digester's temperature shall be regulated using a water-based heating system. This system will utilize heating coils	Request to allow externeal double pipe heat exchanger	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
72	3.2Scope of Work: Specific	Gardening / Landscaping.	What is the required area to be allocated for landscaping in the CBG plant layout?	Clarification required from the OIL	Clarification required from the OIL	Required as per the statutory guidelines
73	3.3.3Major Facilities	Sewage treatment plant	Is it mandatory to provide a separate Sewage Treatment Plant (STP) when an Effluent Treatment Plant (ETP) is already included in the facility design	Clarification required from the OIL	Clarification required from the OIL	Tender conditions will prevail
74			Tender requires that all effluent from decanter treatment will be treated in ETP and then used in organics extraction. Considering the operations it might be necessary to keep the NH4-concentartion in the plant at low levels to avoid critical NH4-concentration in digesters. But we think OIL should allow the bidders to decide according to nitrogen balance if all effluent has to be treated.	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
75	3.3.31Major Facilities	Disposal of waste excavated material not reusable in levelling and construction shall be disposed by the Bidder in the disposal sites arranged by him after seeking prior permission of the concerned local authorities and in compliance to all applicable laws. Dumping area shall not be made available by the Owner.	We request you to provide details of the nearest approved dumping sites or designated waste disposal locations, if any, recognized by the local authorities. This information will assist us in planning logistics and ensuring compliance with environmental and municipal regulations.	Clarification required from the OIL	Clarification required from the OIL	Bidder's scope
76	5.1.1OIL'S RESPONSIBILITY	Approach Road up to the Project Site.	This appears to be contradictory to Clause 3.3.3 – Major Facilities, which specifies that the approach road to the main entry of the plant from the State Highway falls under the bidder's scope. Also, as per the google maps it seems that, the road avaliable looks a mud road. So requesting OIL to clarify the scope of work for Acess road till site.	Kindly clarify the exact scope of work related to the approach road, specifically whether the construction of the approach road from the State Highway to the main plant entry is included in the bidder's responsibility.	Clarification required from the OIL	Tender conditions will prevail
77	7.3.5Portable Water Network	Usage of water from the incoming Potable Water Line provided by OIL shall be on a chargeable basis as per prevailing rates.	Kindly provide the prevailing rates or tariff structure applicable for the usage of potable water from the incoming water line provided by OIL. This information is required to accurately estimate the operational and construction water costs.	Clarification required from the OIL	Clarification required from the OIL	Bidder to obtain the information during site visit
78	14APPROVED SUB-VENDORS/ MAKES	All specified equipment and instruments must receive approval from the Owner upon order. The list of approved vendors /makes as attached in Appendix-3 with this document. The Owner reserves the right to accept, reject, or add any make or sub-vendor for the project after the Contract is awarded. Any such approval, rejection, or addition will not incur additional costs to the Owner post-award.	We kindly request you to share the current list of blacklisted or debarred vendors, if any, applicable under this tender.	Clarification required from the OIL	Clarification required from the OIL	Bidder to refer OIL website for the information
79	BRS 6BRS 6	Note: * the Guaranteed Production of Biogas per MT of Volatile Solid shall be equal or more than 425 Nm3 for the operative period of the plant	The yield of 425 Nm3 should not be considered constant for the operative perion of plant, but the value which is finalized during the PGTR stage should be considered as a benchmark for the further guarantees in the operations.	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
80	21.3.12Green Belt	Adequate plantation shall be provided along the periphery and in the CBG project to satisfy the norms and stipulation as laid down by the Govt. of Uttar Pradesh and MoEFCC, Government of India.	As the project location is Assam, OIL to confirm the consideration of the norms as per Govt. of UP & MoEFCC, GOI.	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
81	1.4.5 (g)Green Belt	Green Belt development as mandated by SPCB shall be considered while developing the site for the proposed CBG Plant.	In contradiction to the point mentioned above on Pg. No. 269 where it mentions to consider the norms and stipulation as laid down by the Govt. of Uttar Pradesh and MoEFCC, Government of India.	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
82	BRS - 6BRS - 6 GUARANTEED BIOGAS PRODUCTION PER METRIC TON OF VOLATILE SOLID	Organics Recovery (Organic recovery from the MSW processing & pre-treatment plant)	Requesting OIL to reduce the value of the organic recovery	Requesting OIL to reduce the value of the organic recovery to 80% from the Hetrogeneous MSW.	This request arises because the waste composition includes approximately 60% inorganic material. Consequently, during the feedstock processing and the separation of inorganic matter from organic materials, there is a higher possibility of organic matter adhering to the inorganics. This leads to increased organic losses during processing.	Refer the Corrigendum.

83	11.2Requirement for successful completion of the PGTR	Number of manpower shall be evaluated post successful PGTR with the mutual consent of Owner while contractor shall provide minimum and maximum range within range of 15% in terms of cost.	The clause regarding manpower requirements post PGTR is ambiguous. We request clarification on the following points: Please confirm whether the "15% in terms of cost" refers to: a) Variation in the cost of manpower, or b) Variation in the number of manpower personnel. At what stage is the contractor expected to provide the manpower cost range (±15%) — during bid submission or after PGTR? How will the final manpower requirement and associated cost be formalized post PGTR? Will there be a mechanism for cost adjustment if the actual requirement deviates from the range provided?	Clarification required from the OIL	Clarification required from the OIL	Tender conditions will prevail
84	2.2.12Services during Execution	All Civil works including but not limited to Land development of complete plant, Site grading/levelling, admin building, control room, Road, Construction, boundary wall development with gates etc. and other works as per scope.	The site/land development will need to be reconsidered, as a green company bidders may not be in a position for removal of the trees from the site which are already present at site. We request OIL to consider the same in OIL's Scope	Clarification required from the OIL	Clarification required from the OIL	Tender conditions will prevail
85	11.1.4Design Conditions.	Bidder shall furnish the correction curve / factors accordingly taking into feedstock quality variations. Correction curves shall be furnished for the following: a) RBG at the Inlet to Biogas Cleaning & Upgradation System (net of the RBG used for Hot Water Generator) Vs QF (QF ranging from 7 to 15%). b) CBG at the Outlet of Biogas Cleaning & Upgradation System (net of the RBG used for Hot Water Generator) Vs QF (QF ranging from 7 to 15%).	We respectfully request that OIL to consider the submission of correction curves/factors, subsequent to the award of the contract.	Clarification required from the OIL	Clarification required from the OIL	Refer the Corrigendum.
86	21.1Section-VIII: Detailed Technical Specifications - Process & Mechanical	Solar-Enhanced Green House Type Composting Facility The composting facility shall be of Solar Green House type compromising closed polycarbonate sheds which allow the solar radiation into the sheds, suitable ventilation system, spreader cum turner machines etc.	We request the client to allow the provision of a open windrow composting system instead of a Solar-enhanced Composting Facility	Amendmend requested from OIL	The conventional open windrow composting system is a proven and widely adopted method, particularly suitable for large-scale composting of organic fractions from MSW. It offers a cost-effective, low-maintenance solution with established performance in various climatic conditions. Considering the operational and financial efficiency, we suggest that the tender provision may be amended to permit conventional windrow composting as an acceptable alternative.	Tender conditions will prevail
87	1.1 2.8.2Definitions & Interpretation Commissioning & Stabilization	1.1 COMMISSIONING means Commissioning of the unit will be considered once the biogas generation is established from MSW feed of minimum 30 MT/day 2.8.2 Commissioning of the unit will be considered once the biogas generation is established from MSW feed of minimum 70 MT/day for minimum 7 days with all the sections like pre-treatment, hydrolyser, digestor, purification, compression and effluent treatment are operational.	These two clauses contradict each other,, we request OIL to clarify the details.	Amendmend requested from OIL		Refer the Corrigendum.
88	BRS 5	Annexure-XX: Statement of Technical Conformity to be issued by the Bidder.	This document is missing.	Clarification required from the OIL		Refer the Corrigendum.
89	Appendix 2	on page 275 its mentioned Appendix 2 as the "Reporting Format" On Page 109 its mentioned Appendix 2 as the "Indicative Soil test report" On page 757 its mentioned Appendix 2 as the "Declaration about bidder's financial standing" but in tender doc this is Proforma X.	Clarification required from the OIL	Clarification required from the OIL		Please check in the E-tender Portal of OIL
90	EHSS requirment	Contractors EHSS requirements present as Appendix 1 to this schedule.	The name of **Appendix 1 is having a contradiction** in the document	Clarification required from the OIL	Clarification required from the OIL	Noted and OIL will revert
91			**O&M Price and Manpower Requirement** In order to ensure realistic and sustainable bids, we request inclusion of the following clause: "The quoted price for Annual Operation & Maintenance (O&M) shall not be less than 6% of the total Basic TEPC contract value. This is based on the industry experience and reference taken from similar tenders for CBG production based on MSW (BPCL Bhilai). Additionally, the bidder must commit a minimum of 63 personnel for O&M activities based on industry experience. This will help prevent under-quoting and ensure adequate manpower deployment for reliable plant operations.	we request the following amendment from OIL 1)The quoted price for Annual Operation & Maintenance (O&M) shall not be less than 6% of the total Basic TEPC contract value. 2)The bidder must commit a minimum of 63 personnel for O&M activities.	To insusre realistic and Sustainable Bids	Tender conditions will prevail

92	10Special Condition of Contract	Methane Recovery ≥99%	*Recommendation for Mandatory Inclusion of 3-Stage Membrane System for CO_2 Removal* As per the tender specifications, the allowable methane loss is capped at **less than 1%.** As per the industry experience and the technologies available, this benchmark can only be **reliably and consistently** achieved through the use of a **3-stage membrane-based CO2 removal/separation system.** Therefore, we recommend that the use of **3-stage membrane technology** for CO_2 removal be made mandatory in the scope of supply. There is a possibility that some bidder may underquote by offering an inferior technology to secure the contract, which will never limit the methane loss to 1%. Therefore, we request OIL to assess our suggestion and evaluate the CO2 removal technologies available in the market and make the appropriate technology mandatory in the tender (as per our assessment and industry experience 3 3-stage membrane-based CO2 removal technology can limit methane loss to 1%). Additionally, it should also be made mandatory for the bidder to submit (along with the technical bid submission) a minimum of 9-month Performance Track Record (PTR) in the form of any 9-month duration Biogas Upgradation Section's operations data from any of their existing operational CBG project (T+EPC of which has been done by the bidder), irrespective of the type of feedstock used including MSW / Paddy Straw / any other agri-residue. The PTR must indicate a minimum of 9-month operational data of the Biogas Purification / Upgradation Section of the plant showing - 1. Consistent methane purity of **at least 96%**, and	1) 17.1.3 CO2 removal can be based on the following technology: o Membrane Separation Additionally, the bidder must submit (along with the technical bid submission) a minimum of 9-month Performance Track Record (PTR) in the form of any 9-month duration Biogas Upgradation Section's operations data from any of their existing operational CBG project (T+EPC of which has been done by the bidder), irrespective of the type of feedstock used including MSW / Paddy Straw / any other agri-residue. The PTR must indicate a minimum of 9 months of operational data of the Biogas Purification / Upgradation Section of the plant, duly signed and stamped by the developer/owner, showing - 1. Consistent methane purity of at least 96%, and	1) There is a possibility that some bidder may underquote by offering an inferior technology to secure the contract, which will never limit the methane loss to 1%. Therefore, we request OIL to assess our suggestion and evaluate the CO2 removal technologies available in the market and make the appropriate technology mandatory in the tender (as per our assessment and industry experience 3 3-stage membrane-based CO2 removal technology can limit methane loss to 1%). 2)This will ensure that only those bidders with the requisite technological competence in the most critical aspect of a CBG Plant (Biogas Purification / Upgradation Section) apply for the tender, thereby assuring overall project success and ensuring that project is not put at risk after award.	Refer the Corrigendum.
93	12.1.2Special Condition of Contract	***minimum 425 Nm3 of raw biogas at inlet of gas purification system with minimum 50% CH4 content is produced per MT of volatile solids.....	*Recommendation for mandatory submission of Performance Track Record (PTR) by the bidder, demonstrating Biogas Yield* We recommend that PTR to be made mandatory for every bidder to submit along with the technical bid submission of the tender, a Performance Track Record (PTR) of a minimum of 1 Year, in the form of plant operations data. This PTR should clearly demonstrate an average biogas yield of not less than 425 Nm^3 per ton of Volatile Solids (VS) fed to the hydrolyzer or digester. An Illustrative Example of a line item in the data sheet / PTR sheet (Based on Actual Certified Data Sheet by developer/owner): 1. Slurry fed to hydrolyzer: 300 m^3 2. Total Solids (TS) of slurry: 15% 3. Volatile Solids (VS) in TS: 74% 4. Biogas generated: 20,000 Nm^3 Based on this data OIL Can calculate following: 1. VS fed (tons/day) = 300 * 15% * 74% = 33.3 2. Biogas yield (Nm^3/ton VS) = 20000 / 33.3 ≈ 600 Nm^3/ton of VS fed to the Digester.	All bidders shall submit a Performance Track Record (PTR) of at least 1 Year, as part of the technical bid, demonstrating plant operations data with an average biogas yield of not less than 425 Nm^3 per ton of Volatile Solids (VS) fed to the hydrolyzer or digester. An Illustrative Example of a line item in the data sheet / PTR sheet (Based on Actual Certified Data Sheet by developer/owner): 1. Slurry fed to hydrolyzer: 300 m^3 2. Total Solids (TS) of slurry: 15% 3. Volatile Solids (VS) in TS: 74% 4. Biogas generated: 20,000 Nm^3 Calculation that can be done based on operational data: 1. VS fed (tons/day) = 300 * 15% * 74% = 33.3 2. Biogas yield (Nm^3/ton VS) = 20000 / 33.3 ≈ 600 Nm^3/ton of VS fed to the Digester.	1)This will ensure that only those bidders with the requisite technological competence in the most critical aspect of a biogas Plant apply for the tender, thereby assuring overall project success and ensuring that the project is not put at risk after award.	Tender conditions will prevail
94	4.1.3Bid Eligibility Criteria	The minimum requirement of Working Capital of the Bidder is Rs. 16.35 Crore for the accounting year preceding the original bid closing date.	**Working Capital Requirement Across Multiple Tenders** As the execution timelines for the three OIL tenders—Jorhat, Cuttack, and Agartala—overlap, the combined working capital requirement stands at ₹46.66 Cr, in the event the same bidder becomes L1 for all three projects. If the L1 bidder fails to demonstrate the cumulative ₹46.66 Cr working capital, they shall be disqualified from the tender(s) for which the working capital requirement is not met. In such cases, the L2 bidder must be awarded the projects, subject to fulfillment of all other eligibility criteria.	we request an ammendment from OIL	1)This approach encourages realistic bidding, ensures financial capability alignment with project responsibility, and reduces the risk of execution failure due to financial overcommitmen	Tender conditions will prevail
95	6.1.4 Page 134	Mechanical Completion of all Project Works (15 Months from LOA) Commissioning and stabilization (18 Months from LOA) Completion of PGTR (21 Months from LOA)	We request that an initial preparatory period of 3 months from the date of LOA be provided exclusively for obtaining statutory approvals, including Consent to Establish, local body NOCs, and other permissions. The timeline for Mechanical Completion, Commissioning, and PGTR may follow thereafter as currently prescribed.	Preparatory Period for Approvals: 3 months from LOA Mechanical Completion of all Project Works (18 Months from LOA) Commissioning and stabilization (21 Months from LOA) Completion of PGTR (24 Months from LOA)	As per the tender terms, the entire responsibility of obtaining statutory approvals is placed on the bidder. In practice, the timeline for securing these approvals varies by state and local authority and may often take 3–6 months despite proactive follow-up. Without a defined preparatory period, the effective implementation timeline for engineering, procurement, and construction activities gets unduly compressed. A 3-month preparatory window will ensure realistic planning, smoother execution, and better alignment.	Tender conditions will prevail
96	10; Guaranteed Production Page 136 13; Quality of FOM Page 153	C. FOM Requirement FOM Standard As per FCO Standard 13.1 General requirement	Off spec can happen due to high/low protein content in waste, ammonia & alkalinity generation as part of digestion process and high conductivity in the input waste etc. Quality of FOM cannot be guaranteed	Humle Request to delete the same	As per clarification	Bidder shall consider necessary unit operations to achieve the FCO standard requirements. Tender conditions will prevail.

97	10; Guaranteed Production Page136	B. Methane Recovery >= 99%	We request authority to relax methane recovery to >= 95%	B. Methane Recovery >= 95%	Mandating very high methane recovery (>99%) for small-scale CBG plants is not economically justifiable. Achieving such high recovery rates necessitates the installation of multiple stages of membrane modules and recirculation loops, which in turn require higher-capacity infeed compressors. These added components significantly increase the capital cost as well as operational cost (mainly electricity consumption).	Refer the Corrigendum
98	4.5.2 Page 206	The incoming feedstock shall be processed through a SSOF-MSW processing system, followed by a bio- methanation system to produce biogas. The front end of the process (MSW processing system) shall operate for a minimum of 365 days per year, allowing for a maximum of 15 days per year for major maintenance shutdowns.		The incoming feedstock shall be processed through a Mixed-MSW processing system, followed by a bio-methanation system to produce biogas. The front end of the process (MSW processing system) shall be designed for operation up to 330 days per year, allowing for up to 35 days annually for both planned preventive maintenance and unforeseen downtime, including repairs, cleaning, utilities shutdowns, and other operational contingencies.	Continuous operation for 365 days a year with only 15 days of downtime is highly challenging, particularly for mixed MSW processing systems that handle heterogeneous and abrasive materials. Based on our industry experience and practical operating data, such systems typically require at least 30 days of cumulative annual downtime to accommodate preventive maintenance, corrective repairs, and other operational contingencies.	Tender conditions will prevail.
99	13.6.1	The O&M Contractor shall maintain annual plant availability of ≥96% for each operations year during O&M period. In case of shortfall in meeting the plant AvailabilityWarranty in any year, the Bidder shall compensate the owner, as per the penalty clause.		The O&M Contractor shall maintain annual plant availability of ≥90% for each operations year during O&M period. In case of shortfall in meeting the plant Availability Warranty in any year, the Bidder shall compensate the owner, as per the penalty clause.	Standard Industry Practices/ Norms.	Tender conditions will prevail.
100	BRS-6 Page 760	3. Organics Recovery (Organic recovery from the MSW processing & pre-treatment plant) 90%	Humle Request to delete the same		Guaranteeing a fixed 90% organic recovery from mixed MSW is not standard practice in India or even in the EU, given the variability in waste composition, contamination levels, and seasonal fluctuations. International best practices focus on purity of extracted organics, which ensures process stability and efficiency in biomethanation plants. Over-specifying recovery targets without control over feedstock characteristics can lead to unrealistic guarantees and non-compliance risks.	Refer the Corrigendum
101	3.1.8 Page 128	For works where payment is based on the actual work done or on a pro-rata basis, the work must be fully completed for the portion for which payment is requested. The final quantity for items paid based on actual work done will be determined according to Payment Terms of the tender. Payment will be released on a pro-rata basis for the work completed, in accordance with the requirements specified here and elsewhere in the tender, up to the percentage ceiling mentioned for the corresponding schedule or sub-schedule.		Kindly consider milestone- based billing for capital-intensive packages like digesters, purification units and others. Please confirm flexibility on schedule-wise percentage ceilings.	Rigid billing based only on completion may create liquidity pressure; milestone billing balances cash flow.	Tender conditions will prevail