

## Sun Petrochemicals Private Limited

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No. SunPetro/Bhaskar/Gas Generator/2025-26/233/Bulletin-1

Date: 17.09.2025

### BULLETIN #1

**Sub: Supply, Installation and Commissioning of 3 No. of Gas Generators each of 1 MW capacity running on rich natural gas having GCV of ~16,000 KCal / SCM for Bhaskar-I field or any other field located in Gujarat.**

**Ref: Tender No.: SunPetro/Bhaskar/Gas Generator/2025-26/233**

**Sun Petrochemicals Private Limited (SunPetro)**, hereby authorized following amendment / clarification in the above referred RFQ/ Inquiry:

Sr No	Tender Clause No	Bidder Query	SunPetro Response		
			Sl. No.	Components	Concentration (Mol%)
1	Section-III, Scope of Work	Detailed Gas composition	1	Methane	56.42
			2	Ethane	4.59
			3	Propane	16.76
			4	i-butane	8.82
			5	n-butane	5.7
			6	i-pentane	1.78
			7	n-pentane	0.92
			8	Hexane+	1.42
			9	Carbon dioxide	2.32
			10	Nitrogen	1.27
2	Section-III, Scope of Work	Field details	It is a safe zone. Further details will be provided during execution stage.		
3	Section-III, Scope of Work	SLD for Synchronizing panel	Most of the connected loads are induction motors. The largest motor is rated at 250 KW.		
4	Section-III, Scope of Work	Please confirm if we need to consider a 30 Meter Exhaust stack	Yes, the bidder shall provide and install a 30 Meter Exhaust stack. Scope includes delivery of a fully operational and regulatory compliant plant.		
5	Section-III, Scope of Work	Responsibility matrix for civil work i.e., Foundation for Genset, Exhaust stack and other supporting structure	The bidder's scope includes all associated civil works, including foundations.		
6	Section-III, Scope of Work	Operation philosophy of the GG's	Operation shall be 2 units running and 1 unit in standby mode.		
7	Section-III, Scope of Work	Load list for the GG's.	The total load is expected to be approximately 90% of full load, with four (04) motors of 250 KW each being the largest connected loads.		
8	Section-III, Scope of Work	Whether all GG's are required for 1 site and work in synchronisation or all 3 GEGs are for different sites.	All three GGs are to be installed at one site and shall operate in synchronized parallel mode.		

9	Section-III, Scope of Work	Since the average load in continuous operation is 500 kw, as per tender documents, we propose our prime power of multiple units of 625 kVA, which would be cost effective compared to large units.	Not acceptable. A single unit configuration is required.
10	Section-III, Scope of Work	Please confirm that the assembled gas genset, along with the test bed electricals and instrumentation, will undergo a 1-hour duration witness test.	In addition to the Factory Acceptance Test (FAT), a Site Acceptance Test (SAT) of 72 hours shall be conducted at 75–80% full load capacity.
11	Section-III, Scope of Work	Please confirm the expected gas pressure at the inlet to the gas train.	Gas can be provided either at extremely low pressure (~0.5 kg/cm <sup>2</sup> ) or at around 10 kg/cm <sup>2</sup> .
12	Section-III, Scope of Work	As per CPCB norms, natural gas gensets above 800 kWe typically do not require emission compliance certification. We intend to offer a standard gas genset; however, if specific emission limits apply, please provide the relevant details	The Supplier shall ensure full compliance with MoEF & CC emission standards for engine-based power plants >0.8 MW (GSR 489(E), 09-Jul-2002), as enforced by GPCB through CTE/CTO.
13	Section-III, Scope of Work	Kindly confirm the hazardous zone classification of the site.	The site is classified as a Safe Zone. The gas supply line is the only hydrocarbon source in the vicinity.
14	Section-III, Scope of Work	Please provide the single line diagram of the electrical scheme to ensure compliance.	The project is presently in the design stage. Load is primarily induction motors, with the largest load comprising 4 motors of 250 KW each.
15	Section-III, Scope of Work	Auxiliary systems: Request you to share the specifications for the gas and flame detection systems, as well as fire protection and suppression systems.	Systems shall be provided in compliance with applicable codes and standards.

All other terms and conditions of the Tender remain unchanged.

**Regards,**

**Sun Petrochemicals Pvt. Ltd.**