

**Pre Bid Clarifications**

**Supply, Installation, testing and commissioning of 1 No 2000 KVA  
DG set with AMF Panel and LT extension Panel and other accessories for CRI  
Building at ACTREC Campus.**

**NIT No : TMC/ACTREC/ENGG/VK/ET-14/2000 KVA DG SET/2026**

**Annexure -I**

					ACTREC Clarification
Sr No	Major Clause & Page No	Sub Clause & Page No	Title/Short description of clause	Requested amendment/clarification/changes in major/sub clause	
1	List of documents to be scanned, uploaded and for hard copy submission, Page 24 of 142		List of documents to be scanned, uploaded and for hard copy submission	To be Relaxed for all bidders other than lowest one and called for these documents prior to award of the work	Bidder has to submit all required documents Hard copy as well online submission on CPP portal as mentioned in tender documents.
2	Salient Governing Features of the Tender, Page 28 of 142	Schedule B	Water for construction Purpose	Can be provided on chargeable basis and rates to be defined in advance , as provided by the most of the tender inviting/executing authorities	Water required for construction activity is in the scope of agency only. Agency has to do their own arrangement for construction water. ACTREC will not provide water for construction activity.
3	Salient Governing Features of the Tender, Page 28 of 142	Schedule B	Electricity for construction purpose	Can be provided on chargeable basis and rates to be defined in advance , as provided by the most of the tender inviting/executing authorities	Electricity required for construction activity is in the scope of agency only. Agency has to draw the power by installing energy meter near to construction activity site nearby feeder of ACTREC LT panel and rates are as per current MSEB applicable rates

4	Salient Governing Features of the Tender, Page 29 of 142	Schedule F/Clause 7	Payment terms	To be amended as under for a) to c) a) 80% against Material Delivery at site duly certified with the Engineer in-Charge b) 10% against Installation c) 10 % against commissioning & handover As these are the standard payment terms followed by most of the Tender Inviting Authorities for DG set, Transformer & Substation jobs because all major deliverables being delivered at site after PDI and dispatch clearance from EIC	No Relaxation , Payment terms will be as per tender norms only
5	Notes, Page 31 & 32 of 142	S No 3	Character & antecedents of the regular staff & Supervisors	Please clarify about Police Station from where this certificate needs to be taken or details of workmen is to be lodged in Police Station of jurisdiction	Bidders shall ensure that all personnel deployed at the ACTREC campus possess valid police verification certificates. The verification may be obtained through the official Maharashtra Police government portal
6	Special Conditions of Contract, Page 32 of 142	1, a)	Forfeiture of performance security	Applicable/Referral document must be accepted work order instead of LOI	No Relaxation, as per tender norms only.
7	Special Conditions of Contract, Page 32 of 142	1, a)	Compensation for non-commitment of work	Must be applicable for the amount of delayed supplied equipment/delayed job completion not on contract value @1.0% month	No Relaxation, as per tender norms only.

8	Other Special Conditions of Contract, Page 35 of 142	Clause 9	Defect Liability period	Must be 12 months from date of virtual completion as deliverables are in position for beneficial usage	Defect Liability period of 12 month will start from the handing over of the complete site and completion date of complete project.
9	Compliance Form -1, Page 53 of 142	S No 2 of table	CPCB IV approved Acoustic Enclosure	Needs deletion as mentioned CPCB standard to applicable to required capacity DG set	As per CPCB norms
10	Compliance Form -1, Page 53 of 142	S No 2 of table	GI Exhaust ducting	Please clarify erection/installation location of DG set as well as Hot air ducting, as such BOQ do not have any item for duct and scheme indicate that DG set is to be installed in open to air conditions	Two potential locations have been identified for installation of the DG set:  Location 1 (Indoor): Requires provision of necessary ducting arrangements for hot air exhaust. Location 2 (Outdoor/Open Area): Ducting arrangement is not required.  Preference shall be given to the indoor location (Location 1). Accordingly, the bidder/agency shall include the cost of ducting within the DG set line item while quoting." Agency to visit the site before quote
11	Compliance Form -1, Page 54 of 142	S No 3 of table	Restricted Earth Fault relay	Kindly incorporate protection CT's item in S No 2 of the table for the sake of clarity to all bidders	Yes Protection CTs required and to be quote
12	Compliance Form -1, Page 54 of 142	S No 4 of table	Restricted Earth Fault relay	Kindly incorporate protection CT's item in S No 2 of the table for the sake of clarity to all bidders	Yes Protection CTs required and to be quote

13	Scope of work, Page 64 of 142	items/accessories of 2000 KVA DG set	Synchronous AC brushless alternator	Please clarify type of alternator and temperature conditions under which net electrical output of 2000 kVA is required as same has contradiction in tender documents itself	3-phase, synchronous, brushless AC machines. The alternator shall be suitable for ambient temperature of 50°C and shall be capable of withstanding 10% over load for one hour continuously. The alternators shall be Continuously rated and shall have class 'H' insulation designed and built to withstand tropical conditions Refer Page No 83 - 85
14	Scope of work, Page 64 of 142	items/accessories of 2000 KVA DG set	Day fuel tank of 990 Ltr capacity to for backup of 8-10 hr running of DG set	01 Nos of 990 liters fuel tank will not serve the backup for 8-10 hrs and hence this back up duration needs to be modified accordingly	01 Nos of 990 liters fuel tank external to be provided irrespective of backup time mentioned in tender
15	Scope of work, Page 64 of 142	items/accessories of 2000 KVA DG set	Recommended maintenance tools &tackles	Since the DG set maintenance is special one and needs to be undertaken by trained technician/s only and hence general purpose tools will be provided with DG set	Yes general purpose tools to be provided
16	Technical Specification , Page 67 to 72 of 142	SITC of AMF panel and LT extension panel as 2000 KVA DG set Incomer	Relays in AMF panel	Please clarify the relays to be included in DG Set AMF panel as relays mentioned under this clause and in compliance form-1 has mismatch	As per Page No 68 relays to provided
17	Technical Specification , Page 67 to 72 of 142	SITC of AMF panel and LT extension panel as 2000 KVA DG set Incomer	Battery Charger	Please allow the battery charger as per recommendations of engine manufacturer instead of as per given narration under this head	YES Battery charger as per OEM to be provided

18	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 92 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Design Criteria	Please clarify design ambient temperature as somewhere it is mentioned as NTP and some places otherwise	The alternator shall be suitable for ambient temperature of 50°C and shall be capable of withstanding 10% over load for one hour continuously
19	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 92 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Duty	Please clarify the duty of DG set and that of alternator as some places it is mentioned as Prime and some place it is mentioned as Continuous.	Duty to be continuous and DG set to be prime power rated
20	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 94 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Type of Battery/ies	Lead - Acid type battery/ies will be provided along with DG set as per Engine manufacturer's recommendations	Batteries to be SMF VRLA type
21	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 94 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Type of Genset Controller	Since PCC 3.3, controller has sought by you and hence required features of controllers will be accordingly irrespective what has mentioned under this head	The controller should have featured mentioned in tender documents
22	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 94 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Type of Silencer	Please clarify the type of silencer as Critical or Hospital grade	Hospital Grade silencer is required

23	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 94 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Type of acoustic enclosure	Type of acoustic enclosure will be as per engine/oem standard design and hence cap in type acoustic enclosure should not be insisted upon	As Per OEM and CPCB Norms
24	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 94 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Heat Exchanger	Since Radiator cooled engine is mentioned in Compliance Form-1 and hence Heat exchanger will not be considered	Heat Exchanger is not required
25	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 94 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Factory Test	Routine Test corticated of engine & alternator will be provided only during FAT. FAT will be conducted as per OEM's QAP, however duration of load test will be as per tender conditions	Accepted
26	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 94 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Site Test	Regulation Test will not be carried out during SAT as it falls under type test category	Accepted , test certificate to be submitted
27	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 94 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	First Fill/Top up of Lub & Fuel Oil	Please clarify this is to be done pre SAT stage or Post SAT stage	DG set to be delivered at site with required Lub Oil filled in engine and agency to provide diesel / fuel as per Sr no 24, i.e. 990 Ltr fuel required at factory testing is in the scope of bidder only.

28	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 74 to 94 of 142	Detailed Technical Specification for 2000 KVA DG Set and Alternator	Information, Data & Drawing	Please make it 21 days from date of issue of work order instead of existing one	Documents to be submitted within 10 days for approval from LOI
29	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 98 to 99 of 142	Testing & Certifications	On DG set, On Alternator, On Exciter & On AVR	Only Load test as per QAP of OEM will be carried out, no other test/s mentioned will be undertaken wherein type test certificate of alternator will be provided ONLY in support of mentioned test on alternator and their sub assembly/ies	In Factory inspection , Load test to be carryout up to 110 % load along with vibration test
30	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 98 to 99 of 142	Inspection & testing at site		Only Load test for the specified duration as per QAP of OEM will be carried out apart from functional test on erected/installed scheme. No other test/s will be conducted during SAT	As per tender norms
31	Detailed Technical Specification for 2000 KVA DG Set and Alternator, page No 100 to 101 of 142	DG set Trial- Preliminary & Main		Only Load test for the specified duration as per QAP of OEM will be carried out apart from functional test on erected/installed scheme. Please clarify duration of these trials along with fuel oil scope for these trails	As per tender norms

32	General	Order of precedence		Priced BOQ must be kept on first place in referral documents for order of precedence or in the event of conflict of interpretation	Bidder has to submit priced BOQ online only No Hard copy submission. Financial bid to be submitted ONLINE ONLY and hard copy are NOT to be submitted. Bids shall be rejected if hard copy of Financial bid are submitted. Refer Page No 5
33	General	Existing Main LT panel		Existing panel Bus bar size required	PH - 3 X 150 X 6MM, NL - 2 X 150 X 6MM ELECTROLYTIC GRADE COPPER BUS,

**Note:**

Rates to be quoted in the financial bid shall be exclusive of GST but inclusive of all other taxes and overheads. GST will be paid extra at actuals.