

1. **Compliance Sheet:** Attached below is the compliance sheet. Vendors with the compliance (equivalent specifications or acceptable alternatives) will be qualified. Vendors will not qualify if the requirements listed in the compliance sheet are not complied.

Sr. #	Description	Attach referen ce as	Comply / Not Comply
1	DCC Generator 680 KVA		
	• Rating: minimum 680 kVA DCC • Voltage 400 V • Phase 3 Phase • Frequency 50 Hz • Speed 1500 RPM • Power Factor 0.8 Lagging • Site Altitude 600 m Above Sea Level • Ambient Temperature 50°C • Installation Outdoor Installation with Factory Assembled Acoustic Weatherproof Canopy • Electronic speed governing shall be provided. • Minimum governing performance class shall be ISO 8528 G3. • Mechanical governing shall not be acceptable • The alternator shall be brushless and suitable for diesel generator set application. • Minimum insulation class shall be H. • Each DG set shall be supplied with an advanced digital generator controller from DSE, DEIF, or equivalent internationally recognized generator control brand. • The controller shall support remote monitoring and event logging and shall be capable of integration with existing SCADA platforms through open communication protocols. • Noise Level Requirement: Maximum sound pressure level shall not exceed 75 dB (A) at 1 meter distance under rated operating conditions unless otherwise approved by NADRA.	C1	

	Build in Fuel Tank for 8 hours		
2	Vertical Fuel Tank		
	- One independent external fuel tank shall be provided for each DG set. - Each fuel tank shall be sized for minimum 24 hours continuous operation at full 680 kVA DCC load. - The bidder shall submit OEM fuel consumption data. - The bidder shall submit detailed 24 – hour fuel autonomy calculation at full 680 kVA DCC load. - The calculation shall show hourly fuel consumption, total fuel required for 24 hours, usable tank capacity, dead stock allowance and final selected tank capacity. - Gravity filling arrangement shall be provided. - Fuel supply and return piping shall be provided as required. - Fuel system shall include isolation valves, drain valve, level indication, vent pipe, overflow protection, fuel filtration, flexible connections, supports, painting, testing and all required accessories. - Each DG fuel system shall remain independent.	C2	
3	Supply and Installation of ATS / MOR Electrical Equipment for C&IT and NDW Sitting Area		
	630 Amp ATS Magnetic Contractors	C3	

	• Supply and installation of new ATS / MOR Electrical Distribution Boards (DBs) with 6x 250A MCB as output. • Supply and installation of appropriately rated: ○ MCCBs (Molded Case Circuit Breakers); ○ MCBs; ○ Busbars; ○ Protection devices; ○ Enclosures; and ○ Other associated accessories required for safe operation. • Supply and installation of power and control cables, cable trays, conduits, cable glands, lugs, terminations, and associated accessories, where required.		

2. Contract Extension: The Service Level Agreement is renewable for next 3 years mutual consent of both parties.