Annexure –I (Technical Specification)

Diesel Generator (20KVA)	DG Set (20KVA), Single Phase (230,50Hz), 1500 rpm and 0.8 PF, soundand weather proof canopy outdoor unit including cold starting kit, AMF Panel with inbuilt DC-DC Converter (48V Input & 12V output), with starting batteries, Fuel Tank and its stand (200 liters) , 25sqmm single phase armoured PVC insulated copper cable with 20 meters per site including Chemical earthing set and the Installation Materials/ accessories No of cylinders (3), Natural Aspiration (Air cooled). The DG specs should meet the requirement for Centralized monitoring system (CMS).
	Maintenance free chemical earthing set : • Tri-rod 100% copper (5 ft long 17mm Dia # 2 set) weldedtogether and with connection strip • & fitted with 4 sets for Connecting • GEM (Carbon Chemical) # 2X40 kg • Copper revit # 10 nos • Earth Distribution bus bar # 2 Nos, • Earth pit cover - 2 nos. • Copper (100% copper) strip 25X3 mm- 30 mtr • Salt- 2 X 10 kg per set, • Charcoal # 2 x 5 kg per set. • Connectors, lugs, clamps, etc
Diesel Generator (15KVA)	DG Set : 15 KVA, Single phase (230V,50 Hz), 1500rpm and 0.8 PF,sound and weather proof canopy outdoor unit including cold starting kit,AMF Panel with inbuilt De-De converter(48V input and 12V output), fuel tank capacity(lO0 liters) and power cable 100 meter attached with Chemical Earthing set.