

Sr. No.	Description	Quantity Required
1	Diesel Generating Set 360 KVA Detail specifications are attached at Page:2-3	01 (No.)

Specification of 360 kVA E.D generator Set

Sr	Description		Qty
a	360 kVA/around 288 kWe Diesel Engine Generator Brand New Latest Model Diesel engine Operational at +50° C & -10° C ambient temperature		01 No
	Country of origin: USA, Western Europe, Turkey or Japan or Equivalent.		
	Frequency	50 Hz	
	Alternator	Brushless, Self Excited and single bearing capable of producing 360 kVA/around 288 kWe, 50 Hz 50 Hz 3φ, 400 Volts with power factor between 0.8 and 1.0 Make: Stamford, Leroy Somer,, Mecc Alte, Maranello, Meccalte, Marelli or Equivalent.	
	Engine	Brand New Latest Model Diesel engine suitable for 360 kVA/around 288 kWe, 50 Hz 3φ, 400 Volts Make: Cummins, Perkins, Volvo, IVECO or equivalent in Western Europe, USA, Japan, Turkey origin or Equivalent. Country of Origin: USA, Western Europe, Turkey or Japan or Equivalent.	
	DG Set Control Panel	Electronic Governor, separate smart monitoring Control Panel	
b	Batteries with Charging System	Lead Acid Batteries	01 set
c	Complete Exhaust/Silencer	Silencer, Standard Radiator Cooling System	01 set
d	Fuel Tank	skid mounted base fuel tank	01 No
Documents to be provided [in English]			
i	Separate Operational /Instruction manual for DG set, engine, alternator and AMF panels along with parts manuals		1

Installation drawings		iii		Connection drawings		iv		Instrumentation/Control drawings		v		Instrumentation/Control drawings		vi		Test Certificates of various equipments		vii		List of spares included in the offer		viii		Assembling and startup instructions		ix		Engine Spare parts catalogue.		x		set of wall charts		xi		wiring diagram of control panel/AMF panel		xii		any other		Manuals (in English)		Manuals for complete Generating set which includes engine, alternator control panel and all other accessories.		a		User / Operational Manual.		b		Maintenance and Technical Manual.		c		Troubleshooting Manual		d		List of recommended spare parts		e		List of Part of Machine		Original manufacturer's certificate must be provided.		1		Warranty / guarantee certificate for 12 Months from the date		1		Warranty		of commissioning.		Optional Spares/Start up (to be listed and quoted separately) as per following [The Description, Part No., Quantity, Unit price and Total price of each spare may be mentioned separately]		1		02 Years Operational Spares inclusive of fuel, air & lube oil filter, fuel injectors and sealing sets etc.		1		Complete set of Standard tools, tachometer and torque wrench for maintenance of Generator.		1		Complete set of spare parts for engine overhauling should be quoted. The rate of each spare part may also be mentioned		1		Installation & Commissioning, start up at user site by experts of local agent (to be quoted with number of days)		1		Job	
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