

**DETAILS OF THE MACHINE**

Name of Machine	Specification	A/U	Qty
(a)	(b)	(c)	(d)
<b>Automatic Power Production and Distribution Machine</b>	Automatic Power Production and Distribution Machine with all standard and additional accessories as per specification below :	No	<b>1 (One)</b>
	1. Name of Item : Automatic Power Production and Distribution Machine.		
	2. <b>Specification</b>		
	a. <b>Brand Name:</b> CATERPILLAR / CUMMINS / FG WILSON / KOHLER-SDMO / ATLAS COPCO		
	b. <b>Specification of Alternator:</b>		
	(i) Alternator Brand : Same as the Generator Brand		
	(ii) Minimum Rating : 1250 KVA at power factor 0.8		
	(iii) Frequency : 50 Hz.		
	(vi) Voltage : 400±20 Volt.		
	(v) Phase : 3 Phase.		
	(vi) Control Panel with Main Circuit Breaker.		
	(vii) Electric Starting System.		
	c. <b>Specification of Engine:</b>		
	(i) Engine Brand : Same as Generator Brand.		
	(ii) No of Cylinder : Minimum 12		
	(iii) Rated rpm : 1500 rpm		
	(iv) Country of Origin : USA / UK / FRANCE / NETHERLAND / SWEDEN		
	(v) Fuel : Diesel.		
	(vi) Fuel System : Direct injection.		
	d. <b>Requirements of Other Items :</b>		
	(i) Batteries (From Country of Origin of Generator) with Battery Charging System.		
	(ii) Flexible Exhaust Connector.		
	(iii) Exhaust Silencer System.		
	(iv) 5000±500 Liters capacity fuel tank with fuel indicator gauge.		
	(v) Any other attachment required for running the Generator smoothly should be supplied with the Generator. (To be mentioned with the offer)		
	e. <b>Fast Moving Spares:</b>		
	(i) Fuel Filter - 4 nos		
(ii) Oil Filter - 8 nos			
(iii) Air Filter - 4 nos			
(iv) Alternator Belt - 6 nos			
(v) AVR - 2 set			
(vi) Battery Charger - 1 nos			
(vii) Water Separator - 4 nos			
3. <b>Country of Origin, Country of Manufacture/Assemble, Port of Shipment:</b> USA / UK / FRANCE / NETHERLAND / SWEDEN.			
4. <b>Name of Principal and Address : To be mentioned.</b>			
5. <b>Name of Manufacturer and Address : To be mentioned.</b>			
6. <b>Year of Manufacture:</b> Not before the contracted year.			
7. <b>Terms &amp; Conditions:</b>			
a. <b>Foreign Training of Personnel:</b> 2 members of BOF would go for Operation & Maintenance training to the supplier's factory for 7 (seven) days and all cost air ticket, food, accommodation, all internal travel cost and other relevant cost etc. will be borne by supplier.			
b. <b>PSI:</b> 2 members of BOF would go for pre shipment inspection (PSI) to the supplier's factory by BOF cost. The duration of the PSI will be 3 (Three) days excluding journey period.			
c. <b>Installation and Post Installation Requirement at BOF:</b>			
(1) <b>Installation Requirement at BOF.</b>			
(a) It is the responsibility of supplier to fully integrate and commission the machine within 10 working days from the date of arrival at BOF's identified site/ room. Machine installation and commissioning is to be provided by the certified engineers of machine manufacturer at BOF site.			
(b) All related equipment, connections and fittings or any related items required for successful installation and running of the machine will be provided by the supplier.			
(c) Supplier will bring all necessary calibration standards and calibration equipment for ensuring the machine's accuracy with valid traceability certificates at BOF site.			
(d) After installation and commissioning of the machine trial run to be provided by the certified engineers of machine manufacturer from same country or at least from same group of countries at BOF site. Following information must be given as below:			

