



Pakistan State Oil Company Limited

PSO House, Khayaban-e-Iqbal, Clifton, Karachi-75600, Pakistan
Telephone (021) 9203866-85 Fax (021) 9203796

PAGE

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RFQ No	IP-198391A	
DATE	26.07.2026	

REQUEST FOR QUOTATION

(THIS IS PRICE ENQUIRY-NOT AN ORDER)

SAP No.6100017552

Company PSO Dummy Vendor
PAKISTAN

QUOTATION REQUIRED

ON
(Date)

11.08.2026

BY
(Time)

2:15 PM

Please quote your best price for all items of following specifications. Please read the instructions attached herewith Rs. _____ EARNEST MONEY Fix %
PO/DD NO. _____

Title: Supply of 150 KVA DG Set with Canopy at PSO Serai Naurang Depot.

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
1	<u>DG SET 150 KVA, 3 phase 4-wire, 400 V</u> SCOPE OF COMPLETE PROJECT: - Supply of brand-new 150 KVA Diesel Generator Set with Canopy. - Transportation with unloading to the site and commissioning of the DG Set. Supply of 150 KVA Diesel Engine Driven Generator Set with sound proof Canopy for PSO Serai Naurang Depot. SPECIFICATION: 1) Composition (Parts of Equipment's): - Engine. - Cooling System. - Alternator. - Control Panel. - Built in Fuel Tank. Note: Imported coupling by OEM. OEM authorization required. 2) General Description: - DG Set should be new and manufactured within one year before shipment. - Anti vibrating mounting on common skid for engine, alternator and control panel. - The engine and alternator are to be coupled by means of flexible coupling and mounted on heavy duty steel base frame. 3) Technical Data: a. Electrical. - Engine: - Gross Engine Power (Standby): As per Manufacturer's standard. - Cylinder: 6. - Stroke: 4. - Aspiration: Turbocharged. - Type of cooling: Water cooled.	Serai Naurang (Depot)	EA	1		



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	- Governor Type: Electronic Governor. - Compression ratio: As per Manufacturer's standard. - Over Load Capacity: 10 % for 1 hour in 12 hrs period. - Engine Speed: 1500 RPM. - Fuel Consumption: Up to 38 Ltrs/Hr (On full load). - Fuel Tank Capacity: Built in fuel tank for 8 to 12 hours operation (at full load). Alternator: - Brushless, Self excited with AVR. - Voltage: 400 / 230 volt. - System: 3 phase, 4 wires. - Frequency: 50 Hz. - Speed: 1500 rpm. - Output Power: max 150 KVA/ 120 KW (Prime / Stand by Power). - Voltage regulation: +/- 1%. - Type of enclosure: IP 23. - Insulation Class: H. - Power Factor: 0.8 Lagging. - Ambient Temperature: 40 deg C. Note: Genset should be able to give output power of 150 KVA at 40 deg C. Supplier should provide documentary support from the manufacturer in this regard. - Control panel with Auto Main Failure: Note: DG set shall operate on Automatic/ Manual mode as per requirement. - Combined Control and AMF Panel shall be mounted on the same skid consist of following main components: -- 3-pole Moulded Case Circuit Breaker (MCCB) comprising of; -- Thermal overload -- Over/ Under voltage protection -- Short Circuit protection" Metering and Indications: - Voltages Ph/ Ph & Ph/N. - Phase Current. - Neutral Conductor Current.					



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	- Frequency. - Revolutions per minute (RPM). - Hour Run Counter. - Lube Oil Pressure. - Cooling water inlet/ outlet temperature. - Battery volts. Alarms and Shutdowns: - Over/ Under Voltage. - Over/ Under Frequency. - Low lube oil Pressure - High Generator Winding Temperature. - Engine over speed. - Emergency stop. - Fail to Start. - Battery Charge Fail. - High/ Low Battery Voltage. - Starting System: 24 V DC Motor with provision of auto start. Mechanical: - Cooling System. -- Cooling System with tropical radiator suitable for operation at 40 deg C. -- Water pump type: As per manufacturer's standard. -- Cooling System Capacity: As per Manufacturer's standard. -- Lube Oil: As per Manufacturer's standard. -- Heat radiation to room: As per Manufacturer's standard. -- Radiator Fan Load: As per Manufacturer's standard. - Air System: As per Manufacturers standard. - Lubrication System: -- Oil Filter Type: As per manufacturer's standard. -- Total Oil Capacity: As per Manufacturer's standard. -- Oil Pan Liters: As per Manufacturer's standard. - Fuel System: -- Fuel Filter Type: Replaceable Element.					



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	- Recommended Fuel: Diesel. - Exhaust System: - Exhaust Silencer shall provide a moderate muffling of engine noise. Approvals/ Certifications/ Compliance: - Compliance to ISO 8528, ISO 3046, IEC 60034 / BS 5000 Warranty: - Supplier will give the warranty for the DG Set to be free of defects. Supplier will replace and install without charging any cost to PSO, any materials, supplies or equipment which fails under design conditions due to defects in material or workmanship if defect is observed and/or such failure occurs within 18 months from delivery or ONE year from the date of commissioning of the equipment (whichever is earlier). Accessories: a. Industrial type silencer. b. Lead acid batteries (dry condition) with connection leads. c. Standard Tool kit for routine maintenance. d. Job includes supply of genuine spare parts from generator manufacturer: - Air Filter (4 nos.). - Lube Oil Filter (4 nos.). - Fuel Filter (4 nos.). - Water Filter (4 nos.). Canopy - The DG set shall be supplied with an acoustic canopy designed to limit the noise level to a maximum of 85 dBA at a distance of 1 meter under standard operating conditions. A minimum clearance of 7 meters around the canopy shall be ensured to allow proper ventilation, safety, and accurate noise measurement. - The contractor shall arrange a calibrated sound level meter and conduct on-site noise level testing in the presence of the PSO team after installation and commissioning.					



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	Note: Prior to fabrication, the contractor must submit detailed canopy shop drawings, specifications, and sheet metal gauges for approval by PSO Head Office. The canopy must meet all relevant safety, acoustic, and OEM standards" Tender Requirement: - Contractor to provide OEM support letter along with the tender. General Requirements: - Name/date plate to be pasted / embossed on the front of the unit. - The supplier shall provide following documents along with the DG Set: - Factory Test Certificate. - Certificate of Origin/ Import documents. - Commissioning, Operation, Installation & Maintenance Manual. - Control Wiring Diagram. - Installation works will be carried out by the contractor qualified through separate installation service order. Testing and commissioning of the DG Set to be carried out by the vendor. The supplier / local agent shall depute his qualified technician for commissioning checks and start up activities including all accessories<(>,<(> tools, tackles and material required for commissioning activities. - Supplier shall provide the technical details of the generator in form of printed catalog/ brochure by manufacturer. - Acceptance Test (FAT) to be witnessed by PSO appointed third party inspection company (if required). All arrangement and expenses for testing including Diesel, Engine oil and load bank will be borne by the manufacturer/supplier except for charges for appointing or those related to third Party inspection company. Manufacturer shall carry out performance Test/Load test of the DG set in the presence of PSO appointed third party inspectors at its own premises and produce the Performance Test Report prior to packing and shipment. The load test will be carried out as per attached load test plan. - The acceptance of generator shall be subject to inspection by the representative of HO Team. Supplier will then arrange delivery of DG Set					



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	at PSO Serai Naurang Depot, KPK. OTHER NOTES: - Supplier will provide training to Serai Naurang Depot, KPK (persons nominated by location Incharge) for smooth operation of DG set for a period of one day. - Vendor would ensure and facilitate smooth commissioning and rectify any defects or teething issues promptly. - Delivery period 5 months. - Commissioning of DG Set complete in all respect is included in the scope of this item. - Complete functional testing of DG set including no load and load trial run, checking voltage, frequency, phase rotation, auto/manual controls, alarms and safety interlock. Commissioning shall be done in presence of Project and site team. AMOUNT OF BID SECURITY: - RS. 100,000/-.					