



Pakistan State Oil Company Limited

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

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RFQ No	IP-19895IA	
DATE	12.08.2026	

REQUEST FOR QUOTATION

(THIS IS PRICE ENQUIRY-NOT AN ORDER)

SAP No.6100017823

Company PSO Dummy Vendor
PAKISTAN

QUOTATION REQUIRED

ON
(Date)

01.09.2026

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: Procurement of Firefighting Pumps and Flow Meter for PSO EJHD, Karachi Aviation Station.

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
1	Engine Driven Fire Pump 1250 USGPM FIRE WATER PUMP DIESEL ENGINE DRIVEN FOR EJHD KARACHI AVIATION. SPECIFICATIONS: PUMP: - Make: to be confirmed by supplier. - Model: to be confirmed by supplier. - Capacity: 1250 USGPM. - Differential Head: 347 ft (150 psi). - NPSHa: 18ft. - Complete Pumping unit shall be capable of furnishing not less than 150% of rated capacity at not less than 65% of total rated head. The shutoff head shall not exceed 140% of rated head. - Type: Horizontal, Centrifugal, Horizontal Split Case Fire Pump (UL Listed and FM approved, and meeting or exceeding all the requirements of NFPA 20). - Pump should be factory-assembled and tested with supplied engine / test bench motor. Pump and engine should be assembled & mounted on the same common Base Plate and Frame (by Pump Manufacturer) complete with coupling and coupling guard and interconnected to all the inbuilt internal pipes and fittings as per NFPA. - Liquid: Tube Well Water (Underground)/Fresh Water. - Suction Rating: Min. 150. - Discharge Rating: Min. 150. - Flange Standard: ANSI B 16.5. - Complete pumping unit shall be suitable for Ambient Temperature (Approx): Min. 0°C to Max 50 °C. MATERIAL OF CONSTRUCTION: - Body / Casing: Cast Iron / Stainless Steel / Cast Steel. - Impeller: Bronze / Stainless Steel. - Shaft: Stainless Steel (316). - Shaft Sealing: As per NFPA 20 / UL Listed. - All Materials of Constructions should be suitable for Fresh Water /	EJHD	EA	2		



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Title: Procurement of Firefighting Pumps and Flow Meter for PSO EJHD, Karachi Aviation Station.

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	Underground Water. DIESEL ENGINE: - Make: to be confirmed by supplier. - Model: to be confirmed by supplier. - Diesel Engine of suitable power and speed (UL Listed and FM approved, and meeting or exceeding all the requirements of NFPA 20) with following accessories and as mentioned in specifications / data sheet attached. CONTROLLER: - Make: to be confirmed by supplier. - Model: to be confirmed by supplier. - Automatic Diesel Engine Controller (The engine controller shall be UL Listed / FM approved, and meeting or exceeding all the requirements of NFPA 20). - The controller shall provide complete automatic and manual operation of the Diesel engine. Controller with legs is required to be floor mounted. - Dual Starter. - Dual Charger. - Dual Battery. - and as per Specifications / data sheet attached. ACCESSORIES: 01. Suction and discharge pressure gauges (Glycerin filled). 02. Suction and discharge mating flanges (of same class as of Pump Flanges). 03. Flexible SS bellow for suction and discharge connection. 04. Pressure Safety Valve with mating flanges. 05. Enclosed waste cone with sight glass. 06. Fuel tank with required capacity (as per NFPA 20) with fuel system and direct reading fuel gauge. The Tank should be furnished with legs for floor mounting. 07. Flexible Exhaust Connector / Pipe with Silencer. 08. Semi residential muffler.					



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Title: Procurement of Firefighting Pumps and Flow Meter for PSO EJHD, Karachi Aviation Station.

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
2	09. Dual Set of Batteries, Chargers and Starters. 10. Air Eliminator (Air release valve). 11. Foundation Bolts. 12. And other as per standards and as per specifications / data sheet attached. Note: Flow meter is not included in this line item. <u>Jockey Pump 100 USGPM</u> MOTOR DRIVEN JOCKEY PUMP FOR EJHD KARACHI AVIATION. SPECIFICATIONS: PUMP: - Make: to be confirmed by supplier. - Model: to be confirmed by supplier. - Capacity: 100 USGPM. - Differential Head: 347 ft (150 psi). - NPSHa: 18ft. - Type: Centrifugal, Horizontal / Vertical. - Pump should be factory-assembled and tested with supplied motor / test bench motor. Pump and motor should be assembled & mounted on the same common Base Plate and Frame complete with coupling (For Horizontal type pump). - Liquid: Tube Well Water (Underground) / Fresh Water. - Suction Rating: Min. 150. - Discharge Rating: Min. 150. - Flange Standard: ASME B16.5. - Complete pumping unit shall be suitable for Ambient Temperature (Approx): Min. 0°C to Max 50°C. MATERIAL OF CONSTRUCTION: - Body / Casing: Cast Iron / Stainless Steel / Cast Steel. - Impeller: Bronze / Stainless Steel.	EJHD	EA	1		



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
3	- Shaft: Stainless Steel (316). - Shaft Sealing: Mechanical Seal. - All Materials of Construction should be suitable for Fresh Water / underground Water. MOTOR: - Make: to be confirmed by supplier. - Model: to be confirmed by supplier. - 3 Phase, 50 Hz, 400V Electric Motor of suitable power and speed with following accessories and as mentioned in specifications / data sheet attached. CONTROLLER: - Make: to be confirmed by supplier. - Model: to be confirmed by supplier. - Pressure activated Jockey Pump Controller (The motor controller shall be UL Listed / FM approved, and meeting or exceeding all the requirements of NFPA20). The controller shall provide complete automatic and manual operation of the Jockey Pump. Controller with legs is required - that is supplied controllers should have both options wall mount & floor mount. ACCESSORIES: 01. Suction and discharge pressure gauges (Glycerin filled). 02. Suction and discharge mating flanges (of same class as of Pump Flanges). 03. Pressure Safety Valve. 04. Flexible SS bellow for suction and discharge connection. 05. Foundation Bolts. 06. And other as per standards and as per specifications / data sheet attached. Flow Meter FLOW METER DEVICE FOR EJHD KARACHI AVIATION.	EJHD	EA	1		



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
4 4.01	- Flow metering device with mating flanges: It shall be flanged end as per ASME B16.5 and listed (as per NFPA 20 and UL Listed / FM approved). - It shall be capable of water flow of not less than 175% of pump rated capacity i.e. 1250 USGPM. - Flow meter should be compatible with all mentioned engine driven pumps. <u>Services for Commissioning of Pumps EJHD</u> <u>Installation, Testing & Commissioning</u> SERVICES FOR COMMISSIONING OF PUMPS. - The Supplier/Manufacturer or its authorized local representative shall provide all supervision, skilled manpower, tools, consumables and ancillary materials required for interconnection, testing and commissioning of the firefighting pump system in accordance with the OEM recommendations. - The scope shall include, but not be limited to, supply, installation and interconnection of fire pump controllers, control cabling, SS tubing <(>,<)> pressure sensing piping, fuel tank and fuel piping, engine exhaust system, raw water inlet/outlet piping, gland drain piping, batteries and battery connections, cabling works from pump to panel including termination, glands, etc.<(>,<)> pressure gauges, and all other accessories necessary for successful commissioning of the firefighting pumps. - The Supplier's representative shall carry out verification of pump alignment, controller configuration, testing, commissioning, performance testing and operator training, and shall remain present during the complete commissioning activities. PSO shall install the pumps<(>,<)> provide the main electrical power source at the control panel, and complete the main suction and discharge piping. All remaining interconnections<(>,<)> ancillary works and materials required for successful commissioning shall be in the Supplier's scope.		<u>JOB</u>	1		



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Title: Procurement of Firefighting Pumps and Flow Meter for PSO EJHD, Karachi Aviation Station.

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	===== GENERAL REQUIREMENT: DOCUMENTATION REQUIRED: - Certified Performance Curves (with power & efficiency curve). - Hydro Test Reports. - Material Confirmation Certificates. - Foundation Drawings. - General Arrangement Drawings. - Operation, Installation and Maintenance Manual of the pumps, engine, motor, controllers, accessories etc. (At the time of supply of pumping unit) (2 sets). - Warranty Certificates. - Origin Certificates. - Import Documents for complete pumping unit - Installation and arrangement drawing (with dimensions) with all accessories. - Non-witnessed engine & controller test reports from respective manufacturer. TESTING: - Engine driven Pumping unit and Jockey Pump unit shall be accepted subject to Pre-Shipment Factory Acceptance Test (FAT) to be witnessed by PSO representative / appointed Third Party Inspection Company. - All arrangement and expenses for testing (Hydrostatic test, Complete Performance Test and others) will be borne by the manufacturer / supplier. However, charges for appointing Third Party Inspection Company will be borne by PSO. - Manufacturer shall carry out performance Test of the Pumping unit in the presence of PSO representative / appointed third party inspectors at its own premises and produce the Performance Test Report and Certified Performance Curve prior to packing and delivery. INSPECTION:					



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	1) At the time of performance testing of pumps at manufacturer location. 2) At the time of packing at manufacturer location. 3) At the time of delivery of pumps. NAME PLATE: - Name plates from Original Manufacturer should be permanently fixed / riveted on pumps, motor, controller and engine showing manufacturer name, model number, serial number, capacity, characteristics and year of manufacture. - Fixed Asset Number (FXA) to be printed / embossed on each equipment / machines at a clearly visible place in the following SAMPLE format: PSO FXA # 38005765. The printing / embossing should be of permanent type and should not peel off or fade out with time. The series of Fixed Asset Numbers for all equipment / machines will be provided by PSO prior to inspection of the equipment. The same number should also appear on the packing of the machine / equipment for ease of identification. COMMISSIONING: - Supplier / manufacturer will be responsible for providing all the material and services for connecting pumps with controller which includes tubing, control cables, control valve and all other requirement necessary as per manufacturer recommendation, PSO will provide main source at Panel, however all connections between Panel and Pump will be taken care by the supplier except the main suction and discharge line. - Supplier / manufacturer will also provide the supervisory services at the time of commissioning of pump. Supervisory services would comprise of but not limited to check the alignment of pump set on foundation, check piping connection, pumps calibration, or advise any modification that is necessary for smooth operation of pump as per manufacturer's recommendation. Supplier's representative may stay visit site as required for the installation and commissioning of pump. During the commissioning and startup of the equipment, supplier / manufacturer will provide Technical, maintenance and troubleshooting training to the personnel directly involved in the operating of the pumps.					



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	WARRANTY: - Supplier will give the warranty for the equipment to be free of defects in materials and workmanship. Supplier will replace and install without charging any cost to PSO, any materials, supplies or equipments which fails under design conditions due to defects in materials 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 equipments (whichever is earlier). If Pump/Engine/Motor set covers warranty from the manufacturer more than the above mentioned period, then the supplier shall be responsible to provide the same. DELIVERY SCHEDULE: - Delivery to PSO EJHD, Karachi Aviation within 26 weeks after issuance of Purchase Order. NOTES: - Equipment to be delivered at PSO EJHD, Karachi Aviation. Any kind of Transportation up to PSO EJHD, Karachi Aviation including loading, unloading of all deliverables is the sole responsibility of supplier. - Quoted price should be inclusive of all taxes, levies, duties, GST, SST etc. as per current rules and regulations. - Rates should include cost of all necessary accessories (for example Diesel Tank, Gauges, Filters, Tubing, Mating flanges etc.). - Pump engine set shall meet all the requirements mentioned above and should be brand new and from fresh stock - not more than 1 year old from manufacturing date. - Furnishing of; - Technical literature(s) / brochure(s)<(>,<)> - Compliance Certificates (UL, FM etc.) and - Directories printouts (for UL, FM etc. showing approval / certifications) - of the offered model of pump, engine, controller and other small accessories/equipments along with bid is must for bidders, with duly signed and stamped by the bidder. - Acceptance of equipments shall be subject to inspection by PSO representatives.					



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	7. Vendor has to submit the filled Compliance / deviation sheet & Pumping Unit Data Sheet / Specifications along with bid, which must be signed and stamped by the bidder and the manufacturer. 8. If any antinomy found between Request for Quotation and data sheet, bidder / supplier should seek the written confirmation / clarification from PSO. 9. All pumps will be installed inside pump house at PSO EJHD, Karachi Aviation. Supplier will ensure synchronization of all pumps. All requirement necessary for synchronization (supply and services) will be borne by the Supplier. AMOUNT OF BID SECURITY: - RS. 500,000/-.					