



Pakistan State Oil Company Limited

PSO House, Khayaban-e-Iqbal, Clifton, Karachi-75600, Pakistan

Telephone (021) 9203866-85 Fax (021) 9203796

PAGE

1	OF	5
RFQ No	IT-20078YP	
DATE	05.10.2026	

REQUEST FOR QUOTATION

(THIS IS PRICE ENQUIRY-NOT AN ORDER)

SAP No.6100018475

Company PSO Dummy Vendor
PAKISTAN

QUOTATION REQUIRED

ON
(Date)

21.10.2026

BY
(Time)

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

Title: Procurement of SAN for DR Site

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
1	<u>STORAGE ARRAY FOR SAP SERVER FC CONN</u> 1. Storage Type: SSD Enterprise Class Storage Array 2. Number of controllers: 2 x Controller Nodes (Active-Active with Load Balancing) 3. Internal Cache: 128 GB cache minimum (64 GB Cache per Controller Internal) 4. Host Ports: 8 x 32Gbps FC ports installed (4 ports per Controller min) compatible with 32Gbps SAN Switches 5. RAID supported: 5,6 or better 6. Number of Installed Hard drives: 6 (SSD NVMe) Hot plug 7. Useable Capacity: Minimum 20 TB (NVME)after RAID and before any Data Reduction. 8. Hard drive Capacity: All Hard drive must be of same capacity 9. IOPS: Min 100,000 IOPS (Based on Read: Write = 70%:30% on RAID-5 or RAID-6) 10. Enclosure: Industry Standard SFF Drives enclose having Full Capacity Licensed 11. Management software: Management software license unlimited capacity including detail logging of activities, Life of Controllers <(>&<)> Enterprise SSD, local Volume Mirroring / Snapshot. 12. Management Ports: 2 x Management ports per storage 13. Supported Server Model: Industry Standard Intel Xeon Server (Vendor must provide compatibility matrix for supported Enterprise Servers and HBA's) 14. Supported HBA's / SAN Switches: Industry Standard 16Gbps <(>&<)> 32Gbps SAN Switches and Qlogic <(>&<)> Emulex 16Gbps <(>&<)> 32Gbps HBA's 15. Host OS Supported on quoted Model: Red Hat Enterprise Linux 7.0 (x86-64-bit) and above, SUSE Linux Enterprise Server 12 for SAP(x86-64-bit) and above, Microsoft Windows Server 2016 standard <(>&<)> Data Center and above(64-bit), and Vmware ESXi 6.0 and above 16. Power Supplies: Dual Hot-pluggable Redundant power supplies for each controller and enclosures (Minimum 1600 watt)	<u>PSO House</u>	<u>EA</u>	1		



Pakistan State Oil Company Limited

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

PAGE

2	OF	5
RFQ No	IT-20078YP	
DATE	05.10.2026	

REQUEST FOR QUOTATION

(THIS IS PRICE ENQUIRY-NOT AN ORDER)
SAP No.6100018475

Company PSO Dummy Vendor PAKISTAN	QUOTATION REQUIRED			
	ON (Date)	21.10.2026	BY (Time)	

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

Title: Procurement of SAN for DR Site

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	17. Battery Life of Controller: Five (05) Years Warranty (Must be replaceable free of cost, if degraded OR becomes faulty) 18. Enterprise Class NVMEs: Five (05) Years Warranty (Must be replaceable free of cost, if degraded OR becomes faulty) 19. Cables: 8 x FC-Cable OM4 LWL 10m LC LC multimode 20. Rack Mounting Kit: Rack Kit for Industry Standard 42U Rack 21. SLA: Five (05) year 24 x 7 x 4 on-site maintenance SLA of storages with critical part stocking, 2 Hrs response time and call escalation, with Authorized business partner. SLA will start after deployment of storages. ===== SCOPE OF WORK ===== 1. Supply, installation <(>&<)> configuration of SAN <(>&<)> SAN Swithces at Korangi LMT (DR Site) Datacenter. 2.SAN Switches have ability to integrate with quoted SAN <(>&<)> our existing Tape Library <(>&<)> Cisco Chassis. 3. Vendor will train our 2 Engineers regarding the product <(>&<)> share the all documentations regarding the product. TERMS <(>&<)> CONDITIONS ===== 1. Engineer Certifications: Minimum two (02) storage certified engineer of the bidder on the same OEM storage family and Upto two(02) storage certified engineer of the principal/Manufacturer who will perform initial installation, configuration and go-live, bidder must submit these documents along with their bid. 2. The bidder must be responsible for delivery of items in the premises of the Pakistan State Oil LMT Korangi, Karachi. The bidder labor staff must comply with PSO HSE policy. Labor must carry safety gloves, shoes and HSE complaint dressing. 3. All Equipment shall be installed and configured by the principal/Manufacturer engineer according to the best practices including physical, logical <(>&<)> environment for the same. The bidder					



Pakistan State Oil Company Limited

PSO House, Khayaban-e-Iqbal, Clifton, Karachi-75600, Pakistan

Telephone (021) 9203866-85 Fax (021) 9203796

PAGE

3	OF	5
RFQ No	IT-20078YP	
DATE	05.10.2026	

REQUEST FOR QUOTATION

(THIS IS PRICE ENQUIRY-NOT AN ORDER)

SAP No.6100018475

Company PSO Dummy Vendor
PAKISTAN

QUOTATION REQUIRED

ON
(Date)

21.10.2026

BY
(Time)

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

Title: Procurement of SAN for DR Site

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	will be required to provide completion certificate after installation. 4. Scope of maintenance service includes 24 x 7 Service, Hardware Maintenance Onsite Support, Hardware Problem Diagnosis, Onsite Support, Parts and Material, 2-4 Hr response, 24 Hrs Std Office Days, 24 hrs Day 7, Holidays Covered, two (02) NVME Hard drives at PSO House <(>&<)> one(01) Controller at principal/bidder Local parts depot respectively as a Spare parts stocking. 5. The bidder must provide details of the help desk for logging support calls and escalation hierarchy. 6. The bidder shall be responsible to replace any faulty equipment / parts during delivery, commissioning, installation and warranty / SLA period. 7. Parts depot must be located in Karachi and maintains inventory of critical parts / replaceable units. The bidder must submit information about parts depot and their service center based in Karachi. 8. The bidder shall submit the BOQ along with Part Numbers on OEMs Letter Head. 9. The bidder will submit compatibility of equipment of this tender with industry standard Servers, Operating Systems and physical environment including racks. 10. The bidder must submit an official confirmation from Principal(OEM) along with the technical proposal that the quoted model / product is not on the discontinuation / end of support notice for the next five(05) years. 11. PSO reserves the right to scrap the tender and cancel the tender evaluation process at any time prior to the award of purchase order without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected Bidder(s). 12. The terms <(>&<)> conditions, requirements and specifications are made by PSO as the right to interpret its obligations and as such will not entertain any alternatives, suggested or prescribed by the vendor. 13. Any bidder found not meeting the required terms and conditions of the tender at any time prior to the award of purchase order would be considered disqualified. 14. The vendor must sign NDA at the time of award of purchase order					



Pakistan State Oil Company Limited

PSO House, Khayaban-e-Iqbal, Clifton, Karachi-75600, Pakistan

Telephone (021) 9203866-85 Fax (021) 9203796

PAGE

4	OF	5
RFQ No	IT-20078YP	
DATE	05.10.2026	

REQUEST FOR QUOTATION

(THIS IS PRICE ENQUIRY-NOT AN ORDER)

SAP No.6100018475

Company PSO Dummy Vendor
PAKISTAN

QUOTATION REQUIRED

ON
(Date)

21.10.2026

BY
(Time)

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

Title: Procurement of SAN for DR Site

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
2	(draft copy of NDA is attached with the document). 15. Payment will be made after successful delivery at designated site, complete installation and successful operational and subsequently acceptance as per Terms <(>&<)> Conditions of the PO. 16.Price shall be quoted in USD and accordingly PO shall be issued in USD. Vendor will submit commercial invoice in USD and PKR both, along with exchange rate sheet of State Bank of Pakistan (SBP). Payment will be made in PKR as per SBP-notified rate (Exchange Rate for Market to Market Revaluation) as on the date of delivery of Storages. 17. FOR SLA: Vendor engineer have to reach the site within two (02) hours, if not reported then it will be escalated to higher level, and subsequently 0.01% per hour will be deducted of SLA total amount as a penalty, if not responded after four (04) hours. 18. FOR Storage delivery: Vendor have to deliver the storages at 2nd Floor PSO House, IT Department within 20 weeks, 0.1% per day will be deducted of Storage value as a penalty ,after 20 weeks upto maximum of 10%. <u>SAN Switch</u> - Switch Type: 24-Port(minimum) Fiber Channel SAN switch all Active port, supporting 8-G, 16-G, 32-G and 64-Gbps autosensing with 64 Gbps of dedicated bandwidth per port. - Transceivers: 24 x 32Gbps FC SFP (Transceiver must be installed in all Active ports per Switch) - 20 x LC/LC Multi-mode OM4 2 Fiber 10m Cable - Rack-mountable 1RU form factor. - Hot-swappable redundant power supplies and fans - Centralized management interface accessible via GUI and CLI. - Must support integration with existing enterprise storage arrays and servers (Dell EMC, HPE Alletra <(>&<)> Huawei Dorado), Tape Library and with Server Infrastructure (Cisco Chassis, HPE Servers and Dell Servers) - Backward compatibility with 8-Gbps, 16-Gbps and 32-Gbps Fiber Channel devices - Warranty: Five(05) years parts and labor onsite support and warranty (24*7)	<u>PSO House</u>	<u>EA</u>	2		



5	OF	5
RFQ No	IT-20078YP	
DATE	05.10.2026	

REQUEST FOR QUOTATION

(THIS IS PRICE ENQUIRY-NOT AN ORDER)
SAP No.6100018475

Company PSO Dummy Vendor PAKISTAN	QUOTATION REQUIRED			
	ON (Date)	21.10.2026	BY (Time)	

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

Title: Procurement of SAN for DR Site

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
	----- SCOPE OF WORK ----- Mentioned in PR 1 ----- TERMS <(>&<)> CONDITIONS ----- Mentioned in PR 1					