



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	OP-19978AM	
DATE	07.09.2026	

REQUEST FOR QUOTATION

(THIS IS PRICE ENQUIRY-NOT AN ORDER)

SAP No.6100018135

Company PSO Dummy Vendor
PAKISTAN

QUOTATION REQUIRED

ON
(Date)

22.09.2026

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: Supply and Installation of 03 Modbus Boosters for Signal Improvement of Emerson RTG Readings on E<(>&<)>H Centralized Software at KTA.

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
1	<u>Modbus Booster</u>	<u>Keamari</u>				
		<u>Terminal</u>				
1.01	<u>Radar Gauging System</u> Installation of Modbus Repeater at KTA Gasoline and Kerosene Sections. Installation, commissioning, and configuration of Modbus Repeaters is needed for 13 Tanks which are connected in 03 loops as follows KTA RTG Communication Loops: Loop01:TK-413 Loop02:TK-401,402,403,407,408,409,412 Loop03:TK-428,430,431,432,438 The vendor will explore possibility for installation of only one booster for tanks in loop01 and loop02. Only in case this was not viable, two boosters for two loops for KTA Gasoline will be installed. The Loop 03 is in KTA Kerosene. The job includes all necessary work required for installation, commissioning and configuration of these tanks and loops with E<(>&<)>H Centralization System complete in all aspects. All of the tanks must provide continuous data without any distortions and data swapping. Vendor will give 01-year free of cost support after installation and commission of the system and resolve issues when they arise.		<u>JOB</u>	3		
1.02	<u>Restoration of Power Supply from 400KVA</u> Installation & Commissioning of Power Supply 24 VDC complete in all aspects.		<u>JOB</u>	3		
1.03	<u>Installation of Circuit Breaker 40A</u> Installation and Commissioning of Breakers 24VDC, 220VAC complete in all aspects.		<u>EA</u>	6		
1.04	<u>Computer Accessories</u> Installation of Marshalling Accessories complete in all aspects.		<u>EA</u>	3		
1.05	<u>Explosion proof JB (Ex'n')</u> Installation and Commissioning of Explosion Proof Junction Box at KTA Gasoline <(>&<)> Kerosene Sections.		<u>EA</u>	3		
1.06	<u>3 C-2.5mm PVC/SWA/PVC cable in rcc pipe</u> Laying, Termination, and Commissioning of Cable 3 core 2.5 sq. mm CU/PVC/SWA/PVC complete in all aspects at KTA Gasoline and Kerosene Sections.		<u>M</u>	300		



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1.07	Note: The job includes Supply and installation of 01" dia. medium gauge GI Pipe including supply and installation of all required GI fittings for the job. The cost of GI pipe and fittings for supply and installation is included in this line item. <u>1.5 sq. mm 2 core PVC shielded Instrumen</u> Laying<(>,<)> Termination and Commissioning of Cable 2 core 1.5 sq.mm CU/PVC/SWA/PVC-shielded complete in all aspects at KTA Gasoline <(>&<)> Kerosene Sections.		<u>M</u>	300		
1.08	Note: The job includes Supply and installation of 01" dia. medium gauge GI Pipe including supply and installation of all required GI fittings for the job. The cost of GI pipe and fittings for supply and installation is included in this line item. <u>Inst & Comn of Cables Glands</u> Installation and Commissioning of Cable Glands M20Exd complete in all aspects in JB's and/or other RTG related equipment.		<u>EA</u>	18		
1.09	<u>Installation of PVC 90 Degree Elbow</u> Installation of 1"G.190 Deg Elbow complete in all aspects.		<u>EA</u>	12		
1.10	<u>Installation of PVC Socket</u> Installation of 1"G.I Sockets complete in all aspects.		<u>EA</u>	6		
1.11	<u>1 Inch dia GI Conduit</u> NOTE: The unit of this line item is EA. Installation of 1"dia.G.I Clamp complete in all aspects.		<u>M</u>	12		
1.12	<u>1 Inch dia GI Conduit</u> Laying of 1" dia. G.I Conduit 1" EL Grade complete in all aspects.		<u>M</u>	9		
1.13	<u>UPVC Pipe 2"dia</u> Installation of UPVC Pipe 2"dia. complete in all aspects.		<u>M</u>	6		
1.14	<u>UPVC Pipe 2"dia</u> NOTE: The unit of this line item is EA. Installation of UPVC Pipe 2" Long Radius Elbow complete in all aspects.		<u>M</u>	9		
1.15	<u>Instl. of Ex-Proof Seal Off Fitting</u> Installation of GI Nut/Bolt/Washer 8mm for Stand of Booster Related equipment complete in all aspects.		<u>EA</u>	36		
1.16	<u>Supply and fixing of Anchor Bolts</u> Fixing of anchor bolts M10x120mm complete in all aspects.		<u>EA</u>	12		



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S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
1.17	<u>Dismantling of Civil structures</u> Concrete Cutting for RTG Booster Installation and Cable Conduiting Works Complete in all aspects.		<u>M3</u>	6.000		
1.18	<u>Cable Termination Kit 1 C-120 sq.mm</u> NOTE: The unit of this line item is LS (Lump Sum). Installation of UV resistance Plastic Cable Ties for all of the cabling and other RTG Booster Related works complete in all aspects.		<u>EA</u>	1		
1.19	<u>Installation of Misc Steel Structure</u> Fabrication, Erection, Installation of Miscellaneous Steel structure complete in all aspects.		<u>KG</u>	60.000		
1.20	<u>Providing&Laying mild steel 60k Psi Bars</u> Installation of Deformed Steel Bars complete in all aspects.		<u>KG</u>	75.000		
2	<u>Radar Gauge Wireless Connectivity Equipm</u> Supply of Modbus Repeater Supply of Modbus Repeater for signal booster at KTA Gasoline <(>&<)> Kerosene as per attached compliance sheet.	<u>Keamari Terminal</u>	<u>EA</u>	3		
3	<u>CONTROL BOARD POWER SUPPLY</u> Supply of Power Supply 24VDC The specifications are: 24VDC and as per attached compliance sheet.	<u>Keamari Terminal</u>	<u>EA</u>	3		
4	<u>ELEC CIRCUIT BREAKER 25A DOUBLE POLE</u> Supply of Breakers 24VDC, 220VAC	<u>Keamari Terminal</u>	<u>EA</u>	6		
5	<u>POWER METER QUICK HOIST WITH ACCESSORIES</u> Supply of Marshalling Accessories for Modbus Booster installation.	<u>Keamari Terminal</u>	<u>EA</u>	3		
6	<u>JUNCTION BOX STEEL</u> Supply of Explosion Proof JB for booster equipment. The explosionproof JB must be of the size which can easily accommodate all of the equipment required for signal booster including but not limited to Modbus Repeater <(>&<)> Power Supply 24VDC,Breakers24VDC, 220VAC, and Marshalling	<u>Keamari Terminal</u>	<u>EA</u>	3		



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	Accessories<(>&<)> etc.					
7	<u>CABLE 3 C-2.5 sq.mm PVC/PVC</u>	<u>Keamari</u>	<u>M</u>	300		
		<u>Terminal</u>				
	Supply of Cable 3core2.5sq.mm CU/PVC/SWA/PVC of any approved brand in PSO like Pakistan Cables/Fast Cables/Equivalent.					
8	<u>CABLE 2 C-1.5 sq.mm PVC/PVC/SWA/PVC</u>	<u>Keamari</u>	<u>M</u>	300		
		<u>Terminal</u>				
9	<u>Bross Cable Glands</u>	<u>Keamari</u>	<u>EA</u>	18		
		<u>Terminal</u>				
	Supply of Glands M20 Exd(flame proof)for cables of size: 1.Cable 3core 2.5sq.mm 2.Cable 2core 1.5sq.mm					
10	<u>ELBOW GI 1" dia</u>	<u>Keamari</u>	<u>EA</u>	12		
		<u>Terminal</u>				
	Supply of 1"G.I90 Deg Elbow of medium gauge					
11	<u>Socket GI 1" dia</u>	<u>Keamari</u>	<u>EA</u>	6		
		<u>Terminal</u>				
	Supply of 1" G.I Sockets					
12	<u>Explosion Proof Fitting</u>	<u>Keamari</u>	<u>EA</u>	12		
		<u>Terminal</u>				
	Supply of 1" dia. G.I Clamp					
13	<u>CONDUIT GI 1"dia (M G)</u>	<u>Keamari</u>	<u>M</u>	9		
		<u>Terminal</u>				
	Supply of 1" dia. G.I Conduit 1" of Medium Grade					
14	<u>UPVC PIPE 2"</u>	<u>Keamari</u>	<u>M</u>	6		
		<u>Terminal</u>				
	Supply of UPVC Pipe 2" dia.					
15	<u>UPVC PIPE 2"</u>	<u>Keamari</u>	<u>M</u>	9		
		<u>Terminal</u>				
	Supply of UPVC Pipe 2" Long Radius Elbow					
16	<u>STUD BOLT AND NUT 1/2" x 3"</u>	<u>Keamari</u>	<u>EA</u>	36		
		<u>Terminal</u>				
	Supply of GI Nut/Bolt/Washer 8mm for 1 Stand					
17	<u>BOLT ANCHOR M10X90</u>	<u>Keamari</u>	<u>EA</u>	12		
		<u>Terminal</u>				
	Supply of Anchor Bolt M10x120mm iodized.					



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18	<u>Miscellaneous Steel structure</u> Supply of Miscellaneous Steel structure	<u>Keamari</u> <u>Terminal</u>	<u>KG</u>	60.000		
19	<u>Deformed Steel Bars</u> Supply of Deformed Steel Bars of 6000psi strength	<u>Keamari</u> <u>Terminal</u>	<u>KG</u>	75.000		
20	<u>CEMENT GREY</u> Supply of all required material for Concrete Cutting	<u>Keamari</u> <u>Terminal</u>	<u>EA</u>	6		
21	<u>Cable Ties</u> NOTE: The unit of this line item is LS (Lump Sum). Supply of UV resistance Plastic Cable Ties complete in all aspects as per requirement of the job. ----- TERMS & CONDITIONS 1) The job includes labor, transportation and all material charges. 2) The above item/job is subjected to entire satisfaction and inspection/ acceptance by engineer/PSO representative. 3) The contractor/ supplier will submit his bill to concern official in-charge, at Keamari Terminal A and get it signed by the Location Engineer and Location Incharge. The invoice will then be collected from the Terminal and Submitted to VIMs Section and obtain the DP Number. 4) All Government taxes and GST/SST is included in the above-mentioned rates. 5) If the Contractor fails to complete the work within time stipulated in the Service Order (Without any genuine reason or creditable justifications), the Engineer/Incharge will be entitled to deduct from his due amounts or bills for the job awarded through this order or other monies due to him by PSO, a value of 0.1% of service order per day and subject to maximum 10% of the service order. 6) The contractor must follow the HSE standards, security and	<u>Keamari</u> <u>Terminal</u>	<u>EA</u>	1		



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	other requirements to work at PSO location. 7) Vendor will give at least 01-year warranty for the equipment supplied. 8) Contractor will supply Original OEM material for job. 9) The vendor will submit the manuals (operating <(>&<)> maintenance) to PSO. 10) Vendor to provide authorization letter for service provider from E<(>&<)>H. 11) Vendor will Ensure that the signal distortion is eliminated completely for all of the tanks of KTA and no swapping of data occurs. **All the work done and task completed within 90 days, after the issuance of Service Order**					