



Pakistan State Oil Company Limited

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

PAGE

1	OF	6
RFQ No	OP19842AAR	
DATE	24.08.2026	

REQUEST FOR QUOTATION

(THIS IS PRICE ENQUIRY-NOT AN ORDER)

SAP No.6100017953

Company PSO Dummy Vendor
PAKISTAN

QUOTATION REQUIRED

ON
(Date)

08.09.2026

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: Integrity Inspection of Underground HSD PARCO Receipt Pipeline of 12"Dia at PSO Machike Terminal

S.No.	Description/Specifications	Location	Unit	Qty	Unit Price Rs.	Amount Rs.
1	<u>HSD Parco Line Inspection</u>	<u>Machike</u>				
		<u>(Inst.)</u>				
1.01	<u>Testing of pipeline</u> Above Ground Pipeline Inspection: - Scope of work: Visual Inspection and Integrity Inspection of Aboveground Pipeline portion(s) using standard NDT techniques. - 1. Conduct detailed visual inspection of 12# dia aboveground PMG pipeline (~30 m) for corrosion, leaks, coating deterioration, and support conditions. 2. Perform Ultrasonic Thickness (UT) testing at all exposed pipeline areas with minimum six readings (3,4, 6, 8, 9, 12 o'clock) per location. 3. Perform Magnetic Particle Inspection (MPI) on minimum 25% of circumferential weld seams to detect surface or near-surface cracking. Increase to 100% if signs of distress or corrosion are observed. 4. UT readings on elbows: minimum 6 readings per elbow. 5. All inspection to be carried out by API 570 certified inspector. 6. Clean surface to facilitate inspection and restore coating removed during testing using epoxy paint as per PSO specifications. 7. Submit comprehensive report including visual findings, UT & MPI data <(>,<)> coating observations, and BOQ for any repair or recoating. Deliverables: 1. Aboveground Inspection Report (Visual + NDT Summary) with photographic findings 2. UT & MPI Data Sheets 3. Coating Restoration Record		M	20		
1.02	<u>Testing of pipeline</u> Underground Pipeline Coating Inspection:		M	1,500		



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1.03	- Scope of Work: 1. Conduct pipeline integrity testing using indirect inspection techniques (DCVG / CIPS / PCM) per NACE SP0502. 2. CIPS spacing to be between 1 to 3 m along pipeline route depending on field conditions. 3. Submit complete integrity report with indirect survey data, CP audit results, coating repair record, and GPS coordinates (AutoCAD + Google Earth). - Deliverables: 1. Underground Integrity Assessment Report 2. DCVG, PCM, CIPS Data Sheets 3. Coating Repair Record 4. GPS Coordinate Map of Pipeline (AutoCAD + Google Earth); Vendor will submit complete map of Pipeline with GPS coordinates in final report indicating canal, culverts, and other obstructions. 5. Calibration Certificates for Instruments Testing of pipeline Underground Pipeline Excavation and Inspection: *Unit Correction: M = Number of Bell Holes* - Scope of Work: 1. Excavate up bell holes as required by indirect survey results. 2. Each bell hole to undergo visual inspection and UT thickness gauging at 3,4, 6, 8, 9, 12 o'clock positions. 3. Restore coating removed during inspection using approved PSO heat-shrink sleeves or tape wrap. Assess metal loss and remaining strength as per ASME B31G. 4. Excavate, backfill, and restore right-of-way (ROW) for all bell holes including dewatering, shoring, and reinstatement of roads, pavements, and canals. Excavation in all kinds of strata i-e soil, dry or wet hard or soft ground / below the pipeline		M	8		



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1.04	including all leads and lifts, keeping in view high water table of the area, any preventive measures like dewatering/shoring arrangements, if deemed necessary would be the responsibility of the contractor to avoid cave in phenomenon during execution of job, stacking of excavated soil as per site requirements. Cutting of wild growth /bushes etc or removal of any type obstacles at site / skid / any type of pavement / hard standing / road /canal etc if comes in the route of pipeline is also included i the excavation work. Restoration of dismantled skid / pavement / hard standing / road /canal to its original position is included in the job. 5. Submit comprehensive report including visual findings, UT & MPI data <(>,<)> and complete BOQ for repairs. - Deliverables: 1. UT and Bell-hole Data Sheets 2. Complete Report of Bell Hole with Pictures 3. Post DCVG and CIPS Results on these spots Testing of pipeline CP System Audit: - Scope of Work: Perform Cathodic Protection (CP) system audit as per NACE SP0169/RP0572 including but not limited to the following: 1.Transformers Rectifier Units testing 2.Anode bed testing (measurement of resistance and current) 3.Testing of Anode Junction Box 4.Testing of Negative Distribution Boxes 5.Testing of Positive Distribution Boxes 6.Measure and record structure to electrolyte potentials using portable Cu/CuSO2 reference electrode 7.Measuring rectifier output, potential measurements and continuity. 8.Conduct Isolation Integrity Check of all insulating joints and flange kits to verify proper electrical isolation and ensure no metallic continuity between protected and unprotected pipeline sections.		M	1		



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1.05	9.Measure and record anode current measurement 10.Development of CP system drawing 21.Review and Analyze Historic CP Data for interpretation - Deliverables: 1. Survey report along with Observations Recommendations 2. CP system drawing 3. Complete BOQ and Quotation of CP Rehabilitation (If required) Testing of pipeline MOBILIZATION/DEMOBILIZATION Mobilization, demobilization, transportation and any other miscellaneous charges included for Machike Installation. Vendor will carry out complete job in all aspects before demobilization from site. - TERMS & CONDITIONS: 01) The job includes labor, transportation and all material charges. 02) All Govt. taxes and GST is included in the above mentioned rates. 03) All services, tools, tackles, material, transportation to be arranged by the Contractor 04) All PSO HSE Standards relevant to the subject job to be followed by the Contractor 05) The above job is subject to entire satisfaction and inspection / acceptance by consignee. 06) Quality is the prime concern of PSO, no compromise shall be made in this regard. Only first class approved quality material, workmanship and supervision will be utilized by the contractor which shall strictly conform to the WO/PO specification. 07) Contractor should strictly follow the safety and security rules of PSO. Contractor to follow Company's rules and procedures as well as HSE guidelines and safety procedures.		M	1		



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	08) Payment after completion of the job on submission of the bill, duly verified by the concerned officials. 09) Payment will be made against the vendor invoices after completion of specific job(s) and inspection by the PSO designated official within 30 days 10) Contractor must visit location before participating in bid and should clearly understand scope of work, site limitations and HSE requirements. 11) PO Timeline shall be effective from signing of Service Order by Contractor. - PENALTY: In the event of Contractor's/Supplier failure to deliver the Services/Goods within the time mention in purchase order/service order, in that event PSO shall be entitled to deduct from his bills /outstanding payments or other works done by him for PSO or from any amount due to him by PSO a sum of Rs.0.1% of Purchase Order/Service Order value per day as liquidated damages for the period which the said services/material remains incomplete or fails to pass the quality tests subject to a maximum 10% of work order amount to be recovered from the contract on his default. Complete Integrity Inspection of Pipeline(Above Ground and Underground Section as per below scope of work: - The work involves a comprehensive integrity inspection and assessment of the 12" dia HSD receipt pipeline (approx. 1500 m underground and 20 m aboveground) from PARCO to PSO Machike Terminal. The inspection aims to evaluate pipeline wall condition, coatin performance, corrosion activity, and cathodic protection (CP) system effectiveness to ensure safe and reliable operation. - All inspection, testing, and reporting shall conform to the latest revisions of the following standards:					



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	- NACE SP0502: Pipeline External Corrosion Direct Assessment (ECDA) Methodology - NACE SP0169 / RP0572: Control of External Corrosion on Underground or Submerged Metallic Piping Systems - ASME B31G: Manual for Determining Remaining Strength of Corroded Pipelines - API 570: Piping Inspection Code - The work includes aboveground and underground inspection using direct and indirect NDT techniques, CP system evaluation, excavation/ backfilling, coating repair, and complete documentation. All activities shall be carried out under supervision of qualifie personnel using calibrated instruments.					