

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332502778
DATE : 30.10.2025
REQ No : 1032505275
REQ TITLE : Complete Overhauling & Coatin
DELIVERY LOCATION
CLOSING DATE : 07.11.2025
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	COMPLETE OVERHAULING & COATING OF NEEDLE VALVE DN450 PN10 (ERHARD) FORHABAB PH1DIP2 PUMPING STATION.PLEASE CONTACT MR. NOOR (04-3229 439) FOR FURTHER CLARIFICATIONS.1.0#SCOPE OF WORKTHIS NEEDLE VALVE IS NOT WORKING PROPERLY FOR WHICH DEWA INTENDED TOOUTSOURCE THE R EPAIRING JOB IN LOCAL REPUTED CONTRACTOR.#DETAILS OF THE NEEDLE VALVE:#MAKE: ###ERHARD.#NOMINAL DIAMETER: #DN450.#PRESSURE RATING:# PN10#SCOPE OF WORKSA.#COMPLETE DISMANTLE OF THE VALVE ASSEMBLY. REMOVAL OF THE STUCK SHAFTFROM THE CYLINDER. REPAIRING OF THE SHAFT ON THE KEY WAY PLACES ANDMANUFACTURING OF NEW KEYS (SS316L).B.#REPLACEMENT OF THE ALL DEFECTIVE SPARES LIKE-O-RINGS, RETAININGRINGS ETC.C.#REPLACEMENT OF DEFECTIVE SHAFT SLEEVE AND PISTON PIN (AS PERDISMANTLED SAMPLE)D.#AFTER REPAIRING, COMPLETE	1	SET				

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			ASSEMBLY MUST BE D ONE WITH SYNCHRONIZATIONOF THE GEAR BOX TO THE SHAFT SO AS TO VERIFY THE SMOOTH ROTATION OF THESHAFT WITH CYLINDER.E.#FUNCTIONAL TES T OF THE NEEDLE VALVE TO THE CONTRACTOR PREMISES.F.#OPERATIONAL TEST OF THE NEEDLE VALVE WITH ACTUATOR INSTALLED AT DEWAPIPELINE.2.0 #PRIOR TO SUBMISSION OF QUOTATION, THE FOLLOWING SHALL BE DETERMINEDCAREFULLY:A.#THE CONTRACTOR SHALL VISIT THE SITE AND MAKE HIMSEL F FULLY FAMILIARWITH THE WORK SCOPES, COMPLEXITIES, ETC., BEFORE SUBMITTING THEQUOTATION.B.#DEWA WILL NOT ACCEPT ANY CLAIM FOR EXTRA S BEYOND THE ORDER RATES /PRICES DURING AND AFTER THE EXECUTION OF WORK ORDERED.C.# THE CONTRACTOR SHOULD SUBMIT THE TIME SCHEDULE / BAR CHARTINDICATING EACH ACTIVITY.D.#ON COMPLETION OF THE WORK, THE INSPECTION						

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			CHECKLIST OF QUALITYPROCEDURES, WHEREVER APPLICABLE S HOULD BE FILLED IN AND SUBMITTED.4.0#TAKE OVERON COMPLETION OF ALL WORK WITHIN THE SCOPE OF THE CONTRACT, FORACCEPTANCE OF THE MAINT ENANCE WORK, CONTRACTOR SHALL NOTIFY DEWA INWRITING. A CERTIFICATE OF COMPLETION WILL BE ISSUED BY DEWA ON FINALINSPECTION ONLY WHEN THE CONTRACT WORK IS DEEMED TO HAVE BEEN TAKEN OVERBY DEWA AFTER NECESSARY CONDITION MONITORING CHECKS WHEREVER & WHENEVERREQUIRED. 5.0#WARRANTYA.#ALL THE WORK CARRIED OUT SHALL CARRY A WARRANTY FOR 8000 HOURS OFOPERATION OR 1 YEAR WHICHEVER IS EARLIER.B.#THE GUAR ANTEE WILL TAKE EFFECT FROM THE DATE OF TAKEOVER BY DEWA OFTHE JOB CARRIED OUT BY THE CONTRACTOR.C.#WHEN A DEFECT IS NOTICED DURING THE PERIOD OF WARRANTY, THECONTRACTOR						

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			MUST RECTIFY THE DEFECT WITHIN A REASONABLE AMOUNT OF TIMEFIXED BY DEWA WITH NO CLAIM OR COMPE NSATION.6.0#DOCUMENTS:#ON SATISFACTORY COMPLETION OF THE WORK & HANDING OVER, THE CONTRACTORSHOULD SUBMIT THE FOLLOWING TO DEWA. ##A.#INSPECTION REPORT.B.#REPAIR/ACTION REPORT.C.#METHOD STATEMENT OF THE REPAIRING WORKS.D.#PHOTOS OF PARTS O F THE HYDRAULIC CYLINDER BEFORE/AFTER REPAIRING.E.#ALL TEST REPORTS.SPECIFICATION FOR INTERNAL COATING OF VALVEGENERAL THESE V ALVES ARE USED IN WATER BOOSTER PUMPING STATIONS. THE FLUIDHANDLED BY THESE PUMPS/VALVES IS POTABLE WATER OF MAXIMUM TEMPERATURE UPT O 50 0C. NORMALLY THE WATER IS CLEAN BUT SOME TIME IT IS NOTICED TOHAVE SAND AND SOLIDS IN STREAM FROM PIPELINE.1#2#SCOPE OF WORK3#4						

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			#COLLECTION & TRANSPORTATION THE CONTRACTOR SHALL COLLECT THE NEEDLE VALVE THROUGH SUITABLE PICKUP/CRANE MOUNTED TRUCK FROM EMS WORKSHOP AT AWEER. THE CONTRACTOR PICKUP SHALL HAVE SUITABLE AND SAFE LIFTING SLING/BELT OF SUFFICIENT LOAD CAPACITY. LOADING AND UNLOADING OF THE NEEDLE VALVE TO BE CARRIED OUT BY CONTRACTOR. 4.1#SURFACE PREPARATION BEFORE APPLYING ANY COATING, THE CONTRACTOR HAS TO DO NECESSARY SURFACE PREPARATION BY SAND OR GRIT BLASTING OR ANY OTHER SUITABLE MECHANICAL SYSTEM TO REMOVE ALL RUST & LOOSE MATERIALS. AFTER SAND BLASTING THE CONTRACTOR HAS TO INTIMATE DEWA ENGINEER FOR INSPECTION OF THE SURFACE BEFORE APPLYING ANY COATING. DURING SAND BLASTING IT IS REQUIRED TO PROTECT ALL MACHINED SURFACE, SEAT AREA AND ALL OTHER CRITICAL AREAS AND PARTS FROM DAMAGE BY SUITABLE						

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			METHOD. BUILDUP/ FILLING OF ERRODED/PITTED SURFACE THE SUPPLIER HAS TO BUILDUP ERODED SURFACE BY SUITABLE COMPOSITEMATERIALS UP TO OR IGINAL LEVEL BEFORE APPLYING ANY COATING. THECOMPOSITE MATERIAL SHALL HAVE THE FOLLOWING PROPERTIES:.#THE CURRIED COMPOSITE MUST BE SUITABLE FOR CONTINUOUS IMMERSION INTHE FOLLOWING CHEMICALS AT 21 0C (70 0F): FERRIC CHLORIDE, 10%HYDROCHLORIC ACID, 10% SULFURIC AC ID, 5% NITRIC ACID, 50% SODIUMHYDROXIDE AND 28% AMMONIUM HYDROXIDE.#THE COMPOSITE SHALL SHOW NO BLISTERS WHEN EXPOSED TO DE-MINERAL IZEDWATER IN AN ASTM C 868 CORROSION TEST AT 43 0C (110 0 F) FOR A MINIMUMPERIOD OF 6 MONTHS.#ADHESION OF THE COMPOSITE PER ASTM D1 002 SHALL BE GREATER THAN 183KG/CM2 (2,600 PSI).#THE CURVED COMPOSITE MUST MEET OR						

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			EXCEED THE FOLLOWING PHYSICALREQUIREMENTS:COMPRES SIVE STRENGTH (ASTM D 695) 914 KG/CM2 (13,000 PSI).TENSILE STRENGTH (ASTM D 638) 431 KG/CM2 (6,136 PSI)FLEXURAL STRENGTH (ASTM D 79 0) 620 KG/CM2 (8,800 PSI)FLEXURAL MODULUS (ASTM D 790) 6.9 X 104 KG/CM2 (9.87 X 105PSI).DURING THE PHASES OF SURFACE PREPARATION, APPLICATION, AND CURING,ENVIRONMENTAL CONDITIONS WILL REQUIRE CAREFUL MONITORING AND MAY REQUIRESUPPLEMENTAL CONTROLS. CRITICAL ARE AS OF CONCERN ARE RELATIVE HUMIDITY,DEW POINT, SURFACE TEMPERATURE OF THE SUBSTRATE, AND AIR PURITY.CONTRACTOR SHALL CARRYOUT ALL TH E PROCEDURES IN A CONTROLLED ENVIRONMENTIN ACCORDANCE WITH THE LATEST STANDARDS AND PROCEDURES.FINAL INTERNAL COATINGAFTER SURFACE P REPARATION AND FILLING UP THE ERODED SURFACE IT ISREQUIRED TO APPLY THE CERAMIC						

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			REINFORCED COMPOSITE MATERIALS FOR FINALCOATING. THE COMPOSITE COATING MATERIALS SHALL HAVE FOLLOWINGPROPERTIES:·#THE CURED COMPOSITE MUST BE SUITABLE FOR CONTINUOUS IMMERSION IN THEFO LLOWING CHEMICALS AT 210C(700F): FERRIC CHLORIDE, 10% HYDROCHLORICACID, 10% SULFURIC ACID, 5% NITRIC ACID, 50% SODIUM HYDROXIDE AND 28%AMMONIUM HYDROXIDE.·#THE COMPOSITE MUST EXCEED 10,000 HRS IN AN ASTM B 117 SALT FOG TEST(SCORED) WITH NO SIGNS OF UNDER FILM CORR OSION AT THE SCORE.·#THE COMPOSITE MUST PASS ASTM G 8 CATHODIC DISBANDMENT TEST FOR NOTLESS THAN 60 DAYS.·#THE COMPOSITE SHALL SHOW NO BLISTERS WHEN EXPOSED TO DEMINERALIZEDWATER IN AN ASTM C 868 CORROCELL TEST AT 430C (1100F) FOR A MINIMUMPERIOD OF 6 MONTHS.·#ADH ESION OF THE COMPOSITE PER ASTM D 4541						

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			SHALL BE GREATER THAN 140KG/CM2 (2,000 PSI).#THE LINEAR CO-EFFICIENT OF THERMAL EXPANSION (A STM C 531) SHALL NOT EXCEED 5.0 X 10-5 CM/CM/OC (2.8 X 10-5 IN/IN/OF).#THICKNESS OF COATING 800-1000 MICRONS.#SURFACE FINISHING OF T HE COATING SHALL BE SMOOTH GLASS SURFACEFINISHED AND ABRASION RESISTANT.#THE CURED COMPOSITE MUST MEET OR EXCEED THE FOLLOWING PHYS ICALREQUIREMENTS: COMPRESSIVE STRENGTH: (ASTM D 695) 844 KG/CM2 (12,000 PSI)TENSILE STRENGTH: (ASTM D 638) 240 KG/CM2 (3,420 PSI)FLEXURAL STRENGTH: (ASTM D 790) 562 KG/CM2 (8,000PSI).#THE COMPOSITE SHALL BE AUTHORIZED FOR USDA APPLICATION FOR INCIDE NTALFOOD CONTACT.#THE COMPOSITE IS REQUIRED TO HAVE POTABLE WATER CERTIFICATION FROMINTERNATIONAL/LOCAL AUTHORITIES, WRAS (WATER RE GULATORY ADVISORYSOCIETY).EXTERNAL COATING EPOXY POWDER COATING IN BLUE						

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			COLOUR AT LEAST 300-400 MICRONTHICK FOR THE VALVES. ALL NECESSARY SURFACES PREPARATIONS TO BE DONEBEFORE COATING.WARRANTY THE SUPPLIER HAS TO PROVIDE AT LEAST 24 MONTHS OF SERV ICEWARRANTY AGAINST ANY DAMAGE/ DEFECTS FOR THE COATING. IF THE COATING ISFOUND TO FAIL WITHIN THIS PERIOD THE SUPPLIER HAS TO RECOA T THEEQUIPMENT AT FREE OF CHARGE TO DEWA.METHOD STATEMENTTHE SUPPLIER HAS TO PROVIDE METHOD STATEMENT OF COATING AND MATERIALDETAILS ALONG WITH THEIR OFFER FOR TECHNICAL EVALUATION AND APPROVAL.INSPECTION AT SITEBEFORE DELIVERY OF COATED VALVES, THE COATING WORKS TO BE INSPECTED BYDEWA ENGINEER AT SUPPLIER WORKSHOP FOR FINAL ACCEPTANCE. CONTRACTORSHALL PROVIDE WITH ALL REQUIRED NECESSARY INSP ECTION TOOLS AS REQUIREDON SITE.REPORTS &						

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			DOCUMENTS DURING DELIVERY THE FOLLOWING DOCUMENTS TO BE SUBMITTED.1.#MATERIAL DATA SHEET.2.#PHOTO OF NEEDLE VALVE BEFORE AND AFTER COATING.3.#WARAS CERTIF						
2		ITEM-00001	REPAIRING & INSTALLATION OF SEAT RING OF NEEDLE VALVE DN450 PN10(ERHARD) FORDIP2 PUMPING STATION.PLEASE CONTACT MR. NOOR (04-3229439) FOR FURTHER CLARIFICATIONS.SCOPE OF WORKS:1. REPAIRING & INSTALLATION OF SEAT RING (RUBBER)2. ASSEMBLY WITH OVERHAULED NEEDLE VALV E & TESTING	1	EA				
3		ITEM-00001	REPAIRING & INSTALLATION OF BRONZE PLATE GUIDE RAIL OF NEEDLE VALVEDN450 PN10 (ERHARD) FORDIP2 PUMPING STATION.PLEASE CONTACT MR. NO OR (04-3229439) FOR FURTHER CLARIFICATIONS.SCOPE OF WORKS:1. REPAIRING & INSTALLATION OF BRONZE PLATE GUIDE RAIL2. ASSEMBLY WITH OVE RHAULED NEEDLE VALVE & TESTING	1	SET				

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4		ITEM-00001	REPAIRING & INSTALLATION OF SS CONNECTING PIN WITH LOCK NUT & WASHER OF NEEDLE VALVE DN450 PN10 (ERHARD) FORDIP2 PUMPING STATION.PLEA SE CONTACT MR. NOOR (04-3229439) FOR FURTHER CLARIFICATIONS.SCOPE OF WORKS:1. REPAIRING & INSTALLATION OF SS CONNECTING PIN WITH LOC K NUT & WASHER2. ASSEMBLY WITH OVERHAULED NEEDLE VALVE & TESTING	1	SET				
5		ITEM-00001	REPAIRING & INSTALLATION OF CONNECTING PIN BRONZE BUSH OF NEEDLE VALVEDN450 PN10 (ERHARD) FORDIP2 PUMPING STATION.PLEASE CONTACT MR. NOOR (04-3229439) FOR FURTHER CLARIFICATIONS.SCOPE OF WORKS:1. REPAIRING & INSTALLATION OF SS CONNECTING PIN BRONZE BUSH WASHER2. A SSEMBLY WITH OVERHAULED NEEDLE VALVE & TESTING	1	SET				
6		ITEM-00001	REPAIRING & INSTALLATION OF DRIVE SHAFT BRONZE BUSH OF NEEDLE VALVEDN450 PN10 (ERHARD) FORDIP2 PUMPING STATION.PLEASE	1	SET				

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			CONTACT MR. NO OR (04-3229439) FOR FURTHER CLARIFICATIONS.SCOPE OF WORKS:1. REPAIRING & INSTALLATION OF DRIVE SHAFT BRONZE BUSH2. ASSEMBLY WITH OVE RHAULED NEEDLE VALVE & TESTING						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

Complete Overhauling <(>&<)> Coating of Needle Valve DN450 PN10 (Erhard)
for for Habab Ph1 <(>&<)> DIP2 Pumping station

STANDARD TERMS & CONDITIONS

- 1) Prices should be 'DDP' delivery duty paid at DEWA stores.
- 2) Quotation to be submitted only in local currency U.A.E Dirhams
- 3) DEWA Standard payment terms is '30 days credit' from the date of acceptance of material
- 4) No DEWA staff or his or her relatives up to third degree should have ownership or partnership in your company, and your participation in DEWA tenders / RFQs should not constitute a Conflict or perceived Conflict of Interest.
- 5) The offered product and/ or services in the Quotation, shall be conforming and in accordance with DEWA Energy Management Policy & EnMS Manual.

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6)Confidentiality Clause: The Supplier/Service Provider shall treat all information and data (excluding open data) contained in the Purchase Order or obtained by theSupplier/Service Provider in connection with the execution of Works as proprietary and strictly confidential. In particular, the Supplier/ Service Provider shall not publish or disclose any data or information including but not limited to personally identifiable information, government data, project details, specifications, drawings or photographs concerning the Works to any third parties without the prior written consent of the Employer.

If the Supplier/Service Provider is obligated to obtain NOCs / Permits /Permissions for the Project from Government agencies as per the terms and scope of the Contract, the Supplier/Service Provider shall submit only the specific data required for the purpose to the authorized team of the agency, through their prescribed channel / system, subject to information security requirements
The Supplier/Service Provider shall comply with all the applicable data protection laws and regulations.

SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP