

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2412501915
DATE : 21.11.2025
REQ No : 1032505233
REQ TITLE : E HP Boiler FWP shafts refurb
DELIVERY LOCATION
CLOSING DATE : 27.11.2025
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	SCOPE OF WORKFEED WATER PUMP SHAFTS REFURBISHMENT USING HARD CHROME PLATING 3 SHAFTS3. WORK DESCRIPTION3.1. INSPECTION & ASSESSMENT1 .#CONDUCT VISUAL INSPECTION TO IDENTIFY PITTING, SCORING, ORCORROSION.2.#PERFORM DIMENSIONAL INSPECTION TO RECORD ACTUAL MEASUREMENT S ANDCOMPARE WITH OEM TOLERANCES.3.#CARRY OUT NDT (MPI OR DYE PENETRANT TEST) ON IMPELLER AND BEARINGAREAS TO DETECT SURFACE CRACKS. 4.#PREPARE AND SUBMIT AN INSPECTION REPORT FOR CLIENT APPROVAL BEFORESTARTING REFURBISHMENT.3.2. MACHINING & PREPARATION1.#MOUNT SHA FT ON PRECISION LATHE AND REMOVE EXISTING COATING/CORROSIONFROM IMPELLER AND BEARING AREAS.2.#UNDERCUT WORN AREAS TO ALLOW FOR PLATI NG BUILDUP (APPROX. 0.20#0.25MM PER SIDE).3.#MASK ALL NON-PLATING AREAS (KEYWAYS, THREADS, FILLETS, ETC.)	3	AU				

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			USING PROTECTIVE COATING OR MECHANICAL MASKING.4.#DEGREASE AND CLEAN ALL SURFACES THOROUGHLY USING SOLVENT OR ALKALINE BATH TO ENSURE GOOD PLATING ADHESION.3.3. HARD CHROME PLATING1.#PERFORM ELECTROLYTIC HARD CHROME PLATING IN ACCORDANCE WITH ASTM B650 OR EQUIVALENT STANDARD.2.#MAINTAIN BATH PARAMETERS (TEMPERATURE, CURRENT DENSITY, PH) AS PER PROCESS SPECIFICATION.3.#ACHIEVE UNIFORM COATING OVER ALL TREATED SURFACES: O#IMPELLER AREA: Ø80 × 510 MM O#BEARING AREAS: Ø70 × 150 MM (×2)4.#BAKE THE SHAFT POST-PLATING AT 190#220°C FOR 2#3 HOURS TO RELIEVE HYDROGEN EMBRITTLEMENT.5.#MEASURE COATING THICKNESS AT MULTIPLE POINTS TO CONFIRM UNIFORM DEPOSITION.3.4. FINISH MACHINING & GRINDING1.#AFTER PLATING, PERFORM CYLINDRICAL GRINDING TO RESTORE EACH AREA TO ITS ORIGINAL DESIGN DIMENSION: O#IMPELLER FIT AREA: Ø80.00 MM ±						

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			0.01 MMO#BEARING AREAS: Ø70.00 MM ± 0.01 MM2.#ACHIEVE SURFACE FINISH RA # 0.2 #M ON BEARING JOURNALS AND IMPELLERFITS.3.#PERFORM FINAL DIMENSIONAL VERIFICATION AND RECORD RESULTS IN INSPECTION REPORT.3.5. QUALITY CONTROL & TESTING1.#VERIFY:O#COATING THICKNESS: 0.20#0.25 MM PER SIDE (BEFORE GRINDING).O#FINAL HARDNESS: 850#1000 HV.O#SURFACE FINISH: RA # 0.2 #M.2.#CONDUCT NDT (DPT OR MPI) POST-GRINDING TO CONFIRM COATING INTEGRITY AND ABSENCE OF CRACKS.3.#SUBMIT COMPLETE INSPECTION & TEST REPORTS (ITR), INCLUDING:O#DIMENSIONAL REPORT (BEFORE AND AFTER REPAIR)O#NDT RESULTS#COATING THICKNESS READINGS#HARDNESS TEST REPORT#CERTIFICATE OF CONFORMANCE4. STANDARDS A ND REFERENCES.#ASTM B650 # HARD CHROMIUM						

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			COATINGS.#ASTM E1444 # MAGNETIC PARTICLE TESTING.#ASTM E165 # LIQUID PENETRANT TESTING.#ISO 4287 # SURFACE ROUGHNESS PARAMETERS5. DELIVERABLES1.#REFURBISHED SHAFTS MEETING OEM TOLERANCES AND SURFACE FINISH.2.#COMPLETE INSPECTION AND TESTING DOCUMENTATION.3.#FINAL SHAFTS PRESERVED WITH RUST INHIBITOR AND PACKED FOR TRANSPORT.						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

E HP Boiler FWP shafts refurbishment. For technical Queries write To mahmood.mohammad@dewa.gov.ae

STANDARD TERMS & CONDITIONS

- Prices should be 'DDP' delivery duty paid at DEWA stores.
- Quotation to be submitted only in local currency U.A.E Dirhams
- DEWA Standard payment terms is '30 days credit' from the date of acceptance of material

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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.

6) Confidentiality Clause: The Supplier/Service Provider shall treat all information and data (excluding open data) contained in the Purchase Order or obtained by the Supplier/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