

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332600040
DATE : 07.01.2026
REQ No : 1032600003
REQ TITLE : E Station HRSG 4&5 LP CWP
DELIVERY LOCATION
CLOSING DATE : 13.01.2026
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	<p>REVERSE ENGINEERING OF SHAFT AND SLEEVE FOR HRSG LP CIRCULATION PUMP(BASED ON NEW SAMPLES)1.#OBJECTIVE THE OBJECTIVE OF THIS SCOPE OF WORK IS TO REVERSE ENGINEER THE SHAFT AND THE SLEEVE OF THE HRSG LP CIRCULATION PUMP USING NEW, UNUSED SAMPLES PROVIDED BY DEWA. THE REVERSE ENGINEERING SHALL BE BASED EXCLUSIVELY ON THE NEW SAMPLES AND SHALL RESULT IN COMPLETE ENGINEERING DOCUMENTATION SUITABLE FOR ACCURATE FABRICATION AND INSPECTION.2.#BASIS OF REVERSE ENGINEERING# REVERSE ENGINEERING SHALL BE CARRIED OUT USING NEW, UNUSED SHAFT AND SLEEVE SAMPLES.# INSTALLED OR IN-SERVICE COMPONENTS SHALL NOT BE USED AS REFERENCE.# ALL DIMENSIONS, GEOMETRY, MATERIAL CHARACTERISTICS, AND FEATURES SHALL BE TAKEN DIRECTLY FROM THE NEW SAMPLES.3.#SCOPE OF SERVICES # SHAFT3.1 SHAFT SAMPLE</p>	1	AU				

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			INSPECTION# RECEIVE AND INSPECT THE NEW SHAFT SAMPLE FOR COMPLETENESS AND CONDITION.# VERIFY THAT THE SHAFT IS FREE FROM WEAR, DAMAGE, OR DEFORMATION.# RECORD VISUAL OBSERVATIONS AND IDENTIFY ALL CRITICAL SHAFT FEATURES.3.2 SHAFT DIMENSIONAL MEASUREMENT# SHAFT SIZE: 65 MM DIAMETER, 66 3 MM LENGTH.# PERFORM DETAILED DIMENSIONAL MEASUREMENTS USING CALIBRATED PRECISION INSTRUMENTS.# CAPTURE ALL SHAFT DIMENSIONS INCLUDING STEPS, KEYWAYS, GROOVES, FILLETS, CHAMFERS, THREADS, AND SURFACE PROFILES.# MEASURE GEOMETRIC TOLERANCES SUCH AS RUNOUT, CONCENTRICITY, AND STRAIGHTNESS AS APPLICABLE.3.3 SHAFT MATERIAL IDENTIFICATION# SHAFT MATERIAL SHALL BE ASTM A276 TYPE 420 (MARTENSITIC STAINLESS STEEL).# MATERIAL SHALL BE CONSIDERED EQUIVALENT TO GERMAN STANDARD EN						

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			<p>1.4021WITH QUENCH AND TEMPER CONDITION +QT700.# VERIFY HARDNESS AND HEAT TREATMENT CONDITION AS APPLICABLE.# IDENTIFY ANY SURFACE TREATMENT OR COATING PRESENT ON THE SHAFT SAMPLE.3.4 SHAFT FUNCTIONAL AND FIT ASSESSMENT# ASSESS SHAFT INTERFACES WITH BEARINGS, SEALS, IMPELLER, COUPLING, AND OTHER MATING COMPONENTS.# DEFINE FITS AND TOLERANCES BASED ON MEASURED SAMPLE DATA AND STANDARD PUMP DESIGN PRACTICE.# CONFIRM SUITABILITY OF THE SHAFT FOR HRSG LP CIRCULATION PUMP OPERATING CONDITIONS.3.5 SHAFT ENGINEERING VERIFICATION (IF REQUIRED)# PERFORM BASIC MECHANICAL CHECKS TO VERIFY Adequacy OF SHAFT DESIGN BASED ON PROVIDED OPERATING PARAMETERS.# CONFIRM THAT THE FABRICATED SHAFT WILL MEET FUNCTIONAL AND OPERATIONAL REQUIREMENTS.3.6 SHAFT DRAWINGS# DEVELOP</p>						

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			DETAILED 2D MANUFACTURING DRAWINGS FOR THE SHAFT.# INCLUDE DIMENSIONS, TOLERANCES, SURFACE FINISH REQUIREMENTS, MATERIAL SPECIFICATION (ASTM A276 TYPE 420 / EN 1.4021 +QT700), HEAT TREATMENT DETAILS, AND MANUFACTURING NOTES.5. #DOCUMENTATION AND DELIVERABLES# FINAL 2D DRAWINGS FOR SHAFT AND SLEEVE IN PDF FORMAT.# MATERIAL IDENTIFICATION AND TEST REPORTS.# MEASUREMENT AND INSPECTION REPORTS.6.#DEWA#S RESPONSIBILITIES# PROVIDE NEW, UNUSED SHAFT AND SLEEVE SAMPLES FOR REVERSE ENGINEERING.# PROVIDE AVAILABLE PUMP OPERATING DATA AND APPLICABLE STANDARDS.# REVIEW AND APPROVE DRAWINGS AND DOCUMENTATION.7.#ACCEPTANCE CRITERIA# DRAWINGS SHALL ACCURATELY REPRESENT THE NEW SAMPLES PROVIDED.# ALL CRITICAL DIMENSIONS, TOLERANCES, AND MATERIAL SPECIFICATIONS						

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			<p>SHALL BE CLEARLY DEFINED.# DELIVERABLES SHALL BE SUITABLE FOR DIRECT FABRICATION WITHOUT FURTHER CLARIFICATION.8.# SCHEDULE# PROJECT DURATION SHALL BE AGREED BASED ON MEASUREMENT, TESTING, AND REVIEW REQUIREMENTS.9.# CONFIDENTIALITY# ALL DATA, DRAWINGS, AND INFORMATION GENERATED DURING THE PROJECT SHALL REMAIN CONFIDENTIAL AND USED SOLELY FOR THIS PURPOSE.10.# WARRANTY# THE REVERSE-ENGINEERED DRAWINGS AND TECHNICAL DOCUMENTATION SHALL BE WARRANTED FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF FINAL SUBMISSION. DURING THIS WARRANTY PERIOD, ANY ERRORS OR OMISSIONS IN DIMENSIONS, MATERIAL SPECIFICATIONS, OR TECHNICAL DETAILS IDENTIFIED AS ARISING FROM THE REVERSE ENGINEERING PROCESS AND BASED ON THE NEW SAMPLES PROVIDED SHALL BE CORRECTED BY THE CONTRACTOR AT NO</p>						

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			ADDITIONAL COST. THIS WARRANTY IS LIMITED TO THE ACCURACY OF THE ENGINEERING DOCUMENTATION WITH RESPECT TO THE NEW SAMPLES AND DOES NOT COVER ISSUES ARISING FROM MANUFACTURING DEVIATIONS, IMPROPER INSTALLATION, OPERATING CONDITIONS OUTSIDE DESIGN LIMITS, OR MODIFICATIONS MADE WITHOUT WRITTEN APPROVAL.						
2		ITEM-00001	REVERSE ENGINEERING OF SHAFT AND SLEEVE FOR HRSG LP CIRCULATION PUMP(BASED ON NEW SAMPLES)1.#OBJECTIVE THE OBJECTIVE OF THIS SCOPE OF WORK IS TO REVERSE ENGINEER THE SHAFT AND THE SLEEVE OF THE HRSG LP CIRCULATION PUMP USING NEW, UNUSED SAMPLES PROVIDED BY DEWA. THE REVERSE ENGINEERING SHALL BE BASED EXCLUSIVELY ON THE NEW SAMPLES AND SHALL RESULT IN COMPLETE ENGINEERING DOCUMENTATION SUITABLE FOR ACCURATE FABRICATION AND	2	AU				

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			INSPECTION.2.#BASIS OF REVERSE ENGINEERING# REVERSE ENGINEERING SHALL BE CARRIED OUT USING NEW, UNUSED SHAFT AND SLEEVE SAMPLES.# INSTALLED OR IN-SERVICE COMPONENTS SHALL NOT BE USED AS REFERENCE.# ALL DIMENSIONS, GEOMETRY, MATERIAL CHARACTERISTICS, AND FEATURES SHALL BE TAKEN DIRECTLY FROM THE NEW SAMPLES.4.#SCOPE OF SERVICES # SLEEVE4.1 SLEEVE SAMPLE INSPECTION# RECEIVE AND INSPECT THE NEW SLEEVE SAMPLE FOR COMPLETENESS AND CONDITION.# VERIFY THAT THE SLEEVE IS FREE FROM WEAR, DAMAGE, OR DEFORMATION .# RECORD VISUAL OBSERVATIONS AND IDENTIFY ALL CRITICAL SLEEVE FEATURES.4.2 SLEEVE DIMENSIONAL MEASUREMENT# SLEEVE SIZE: 42 MM INNER DIAMETER, 64.5 MM OUTER DIAMETER, 170 MM LENGTH.# PERFORM DETAILED DIMENSIONAL MEASUREMENTS USING CALIBRATED PRECISION INSTRUMENTS.#						

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			<p>CAPTURE ALL SLEEVE DIMENSIONS INCLUDING INTERNAL AND EXTERNAL DIAMETERS, LENGTHS, GROOVES, CHAMFERS, FILLETS, AND SURFACE PROFILES.#</p> <p>MEASURE CONCENTRICITY, ROUNDNESS, AND STRAIGHTNESS AS APPLICABLE.4.3 SLEEVE MATERIAL IDENTIFICATION# SLEEVE MATERIAL SHALL BE EQUIVALENT TO GERMAN STANDARD GR X17CRNI16-2 WITH QUENCH AND TEMPER CONDITION +QT800.# MATERIAL DESIGNATION SHALL BE EN 1.4057 +QT800.# VERIFY HARDNESS AND HEAT TREATMENT CONDITION AS APPLICABLE.# IDENTIFY ANY SURFACE TREATMENT OR COATING PRESENT ON THE SLEEVE SAMPLE.4.4</p> <p>SLEEVE FUNCTIONAL AND FIT ASSESSMENT# ASSESS SLEEVE INTERFACES WITH THE SHAFT, SEALS, BEARINGS, AND HOUSING.# DEFINE FITS AND TOLERANCES BASED ON MEASURED DATA AND PUMP DESIGN PRACTICE.# CONFIRM SUITABILITY OF THE SLEEVE FOR HRSG LP CIRCULATION</p>						

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			PUMPOPERATING CONDIT IONS.4.5 SLEEVE ENGINEERING VERIFICATION (IF REQUIRED)# PERFORM BASIC CHECKS TO VERIFY ADEQUACY OF SLEEVE DESIGN BASED ONOPERATING C ONDITIONS.# CONFIRM THAT THE FABRICATED SLEEVE WILL MEET FUNCTIONAL REQUIREMENTS.4.6 SLEEVE DRAWINGS# DEVELOP DETAILED 2D MANUFACTUR ING DRAWINGS FOR THE SLEEVE.# INCLUDE DIMENSIONS, TOLERANCES, SURFACE FINISH REQUIREMENTS, MATERIALSPECIFICATIONS (EN 1.4057 +QT800 / X17CRNI16-2), AND MANUFACTURINGNOTES.5.#DOCUMENTATION AND DELIVERABLES# FINAL 2D DRAWINGS FOR SHAFT AND SLEEVE IN PDF FORMAT.# MAT ERIAL IDENTIFICATION AND TEST REPORTS.# MEASUREMENT AND INSPECTION REPORTS.6.#DEWA#S RESPONSIBILITIES# PROVIDE NEW, UNUSED SHAFT AND SLEEVE SAMPLES FOR REVERSE ENGINEERING.# PROVIDE AVAILABLE PUMP OPERATING DATA AND						

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			APPLICABLE STANDARDS.# REVIEW AND APPROVE DRAWINGS AND DOCUMENTATION.7.#ACCEPTANCE CRITERIA# DRAWINGS SHALL ACCURATELY REPRESENT THE NEW SAMPLES PROVIDED.# ALL CRITICAL DIMENSIONS, TOLERANCES, AND MATERIAL SPECIFICATIONS SHALL BE CLEARLY DEFINED.# DELIVERABLES SHALL BE SUITABLE FOR DIRECT FABRICATION WITHOUT FURTHER CLARIFICATION.8.#SCHEDULE# PROJECT DURATION SHALL BE AGREED BASED ON MEASUREMENT, TESTING, AND REVIEW REQUIREMENTS.9.#CONFIDENTIALITY# ALL DATA, DRAWINGS, AND INFORMATION GENERATED DURING THE PROJECT SHALL REMAIN CONFIDENTIAL AND USED SOLELY FOR THIS PURPOSE.10.#WARRANTY# THE REVERSE-ENGINEERED DRAWINGS AND TECHNICAL DOCUMENTATION SHALL BE WARRANTED FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF FINAL SUBMISSION. DURING THIS						

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			WARRANTY PERIOD, ANY ERRORS OR OMISSIONS IN DIMENSIONS, MATERIAL SPECIFICATIONS, OR TECHNICAL DETAILS IDENTIFIED AS ARISING FROM THE REVERSE ENGINEERING PROCESS AND BASED ON THE NEW SAMPLES PROVIDED SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST. THIS WARRANTY IS LIMITED TO THE ACCURACY OF THE ENGINEERING DOCUMENTATION WITH RESPECT TO THE NEW SAMPLES AND DOES NOT COVER ISSUES ARISING FROM MANUFACTURING DEVIATIONS, IMPROPER INSTALLATION, OPERATING CONDITIONS OUTSIDE DESIGN LIMITS, OR MODIFICATIONS MADE WITHOUT WRITTEN APPROVAL.						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

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E Station HRSG 4<(>&<)>5 LP CWP Shaft and Sleeve Reverse Engineering

Contact Mahmood.mohammad@dewa.gov.ae

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.
- 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.

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SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP