

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332501010
DATE : 23.04.2025
REQ No : 1032501924
REQ TITLE : AUX BOILER THIRD PARTY
DELIVERY LOCATION
CLOSING DATE : 29.04.2025
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	THIRD PARTY INSPECTION OF AUX BOILER 13,14,23& 24 (TOTAL 04 NOS) AT #G#STATIONA)#SCOPE:A)#THIS WORK IS A STATUTORY REQUIREMENT AS PER EMIRATES INTERNATIONALACCREDITATION CENTRE AND DONE TO FULFILL THEIR REQUIREMENT INEIAC-RQ-IB-004, ANNEX 3: ONSHORE #PRESSURE EQUIPMENT# FREQUENCIES FORTESTING / INSPECTION.B)#THE FOLLOWING POINTS AS MENTIONED IN EIAC-RQ-IB-004, ISSUE 1, REV.2, 19 APRIL 2023 # C LAUSE 4.4.3 SHALL BE FULFILLED WITHOUT ANYAMBIGUITY.A.#IDENTIFICATION OF ALL CRITICAL COMPONENTS AND AREAS.B.#DETAILED VISUAL INSPECTION OF ALL STRUCTURAL AND CRITICALCOMPONENTS.C.#TOLERANCE CHECKING WHERE ANY WEAR IS OBSERVED.D.#CHECKING OF TOLERANCES FOR WEAR LIMIT ON CRITICAL COMPONENTS.E.#CHECKS FOR CORROSION.F.#NON-DESTRUCTIVE EXAMINATION (NDE) CARRIED OUT IN THE CRITICAL ORHIGH	4	NO				

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			STRESS AREAS OF THE PRESSURE EQUIPMENT FOR EVIDENCE OF CRACKING OR OTHER DEFECT; HIGH STRESS AREAS SUCH AS CONNECTIONS, WELDMENTS, AND HEATAFF ECTED ZONES SHOULD BE CLEARLY DEFINED IN THE PROCEDURE.C)#PRE OUTAGE INSPECTION:A)#REVIEW OF MANUFACTURER#S CERTIFICATION FOR THE BOILER AND IDENTIFICATION BASED ON MANUFACTURER#S MARKINGS/ASME/CE MARKINGS.B)#REVIEW OF RECORDS FOR SITE ERECTION AND FINAL EXAMINATION RESULTS/REPAIR/ALTERATION RECORDS.C)#REVIEWING REPAIRS AND / OR ALTERATIONS CARRIED OUT SO FAR AND REVIEW OF THOSE RECORDS INCLUDING PAST PERIODIC INSPECTION RECORDS D)#REVIEW OF LATEST OPERATING DATA FROM CONTROL SYSTEM HISTORIAN AND OTHER AVAILABLE ARCHIVESE)#VISUAL EXAMINATION ON ALL ACCESSIBLE AREAS OF BOILER CASING, SUPPORTS, PIPING AND						

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			<p>STRUCTURE AND RECORD THE FINDINGS.F)#VISUAL EXAMINATION OF SUPPORTS LIKE CONCRETE FOUNDATION FOR CRACKSAND SETTLEMENT.G)#REVIEW OF WATER CHEMISTRY RECORDSH)#REVIEW AND VERIFY THERMOGRAPHY REPORTSI)#INSPECTION FOR VIBRATION OF PIPE, HEADERS, STEEL STRUCTURE, ETC. J.) INSPECT AND RECORD ALL STEAM AND WATER PIPING HANGERS BYCHECKING THE INDICATOR OF HOT/COLD POSITION.D)#OUTAGE INSPECTION:A)#AN INTERNAL VISUAL SURVEY OF THE AUX BOILER GENERAL CONDITION,INTERNAL GAS SIDE MECHANICAL PARTS AND AUXILIARY EQUIPMENT & PRESSUREPARTS ETC.B)#THE INTERNAL THOROUGH INSPECTION CONSTITUTES A VISUAL EXAMINATION /SURVEY OF THE ACCESSIBLE SURFACE OF THE BOILER PRESSURE PARTS, HEADERS,ACCESSIBLE SUPPORTING ARRANGEMENTS , REFRACTORY LINING, DRUMS, AND THEINTERNAL</p>						

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			FITTINGS IN ORDER TO DETECT ANY SIGN OF GENERAL OR LOCALIZED DEFORMATION/DETERIORATION. WHERE APPLICABLE OR NECESSARY, NON-DESTRUCTIVE TESTING METHODS, DESTRUCTIVE TESTING OF SAMPLES, IN-SITU METALLOGRAPHY ETC. SHALL BE USED TO COMPLEMENT THE VISUAL INSPECTION. C) #PREPARE A RED MARK-UP DRAWING TO PLOT THE UT REQUIREMENT ON BOILER PRESSURE PARTS AND SUBMIT TO DEWA STATION TEAM TO ARRANGE A THIRD-PARTY NDT CONTRACTOR TO COLLECT THE DATA. D) #INSPECTOR SHALL WITNESS NDT DATA COLLECTION BY THIRD PARTY TO ENSURE DATA INTEGRITY. E) #REVIEW THE NDT DATA AND F) #REVIEW ALL CRITICAL STEAM AND WATER PIPING HANGERS BY CHECKING THE INDICATOR OF HOT/COLD POSITION & ADJUST IF NECESSARY. G) #VISUAL INSPECTION / SURVEY OF BURNERS, AIR REGISTERS AND DAMPERS. H) #INSPECT MAIN						

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			STACK & ITS ACCESSORIES FOR ANY DISCREPANCY.I)#THROUGH VISUAL INSPECTION AND RECORD REVIEW, THE INSPECTOR MAYIDENTIFY ADDITIONAL ND E (E.G., THICKNESS MEASUREMENT, MT, PT, HARDNESS)TO ASSESS COMPLIANCE WITH DRAWINGS, CODES, AND SPECIFICATIONS, OR RETAINRESULTS FOR FUTURE REFERENCE. ANY ABNORMAL CONDITIONS#SUCH AS COATINGDETERIORATION, CORROSION, STRUCTURAL DAMAGE, LEAKS, VIBRATIONS, ORTHICKNES S REDUCTION AFFECTING PRESSURE INTEGRITY#MUST BE DOCUMENTED ANDREPORTED.E) POST OUTAGE INSPECTION:A)#USING NDT DATA COLLECTED ON-SI TE, CALCULATE THICKNESS REDUCTION ORMETAL LOSS AGAINST THE DESIGN THICKNESS. CONFIRM WHETHER THE METAL LOSSREMAINS WITHIN THE CORROS ION ALLOWANCE PROVIDED BY THE OEM AND COMPUTETHE REMAINING LIFE BASED ON LINEAR						

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			METAL LOSS USING THE MINIMUM DESIGN THICKNESS SPECIFIED BY THE OEM. IF OEM DATA IS UNAVAILABLE, DETERMINE THE MINIMUM DESIGN THICKNESS USING THE ORIGINAL CONSTRUCTION CODE.B)#FOR CML POINTS MEETING ACCEPTABLE CRITERIA, ESTABLISH ARE-INSPECTION AND RE-EVALUATION SCHEDULE. SEPARATELY TABULATE LOCATIONS THAT FALL SHORT OF ACCEPTANCE CRITERIA BASED ON PARAMETERS OUTLINED IN THE ORIGINAL CONSTRUCTION CODE.C)#WITNESS OF HYDRO TEST AS APPLICABLE)#WITNESS FUNCTIONALITY TEST AND REVIEW OF FUNCTIONALITY TEST REPORT)#REVIEW / VERIFICATION OF CALIBRATION CERTIFICATES OF PRESSURE, TEMPERATURE GAUGES, TRANSMITTERS AND OTHER INSTRUMENTS)#WITNESS SAFETY VALVE TESTS AND REVIEW OF SAFETY VALVE TEST CERTIFICATES)#THE BOILER SHALL BE VISUALLY EXAMINED EXTERNALLY						

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			<p>UNDER NORMALWORKING CONDITIONS.H)#WATER LEVEL GAUGE ACCURACY, FEED WATER CONTROLS, LOW/HIGH L EVELWATER ALARMS, LOW WATER LEVEL ACTIONS, BLOW DOWN SYSTEM OPERATIONS ETC.WILL BE REVIEWED.E)#DELIVERABLES SHALL BE:A)#RED MARK-UP DRAWING SHOWING THE NDT REQUIREMENT WITH CML MARKING.B)#ISSUE PERIODIC VISIT REPORTS SUMMARIZING THE SCOPE OF INSPECTIONUNDERTAKEN, AS REQUIRED.C)#UPON SATISFACTORY COMPLETION, PROVIDE AN INSPECTION CERTIFICATEDETAILING THE SCOPE, RESULTS, AND RECOMMENDATIONS. IF UNRESOLVEDANOMALIES ARE IDENTIFIED, ISSUE AN INSPECTION REPORT IN COMPLIANCE WITHEIAC-RQ-IB-004 REQUIREMENTS.F)#DEWA SCOPE OF WORK:A)#NDE AS REQUIRED.B)#FACILITIES FOR SAFE ACCESS TO EQUIPMENT / SCAFFOLDING,C)#WORK PERMITS, CONFINED SPACE ENTRY PERMITS AND GATE PA</p>						

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			SSESD)#INSULATION REMOVALS, AS REQUIRED.						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

AUX BOILER THIRD PARTY INSP . WORK.

For more details, contact bhausahab.arbad@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
- 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.
- 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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SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP