

### **RFQ NUMBER** : 2412401295

REQ No

: 1032404014 : WHRB THIRD PARTY

DELIVERY LOCATION

DATE

**REQ TITLE** 

**CLOSING DATE** : 18.09.2024

| SL NO | ITEM CODE | SERVICE ID | DESCRIPTION  | QTY | UOM | BRAND/ORIGIN | WARRANTY | UNIT PRICE | TOTAL<br>PRICE |
|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
| 1     |           | ITEM-00001 | THIRD PARTY INTERNAL INSPECTION OF<br>D-REPOWERING WHRB-11SCOPE OF WORK FOR<br>INSPECTION ACCORDING TO EIAC-RQ-IB-004 (DAC<br>REQ-08):1.1: P<br>RE OUTAGE INSPECTION:A. REVIEW OF<br>MANUFACTURER#S CERTIFICATION FOR THE<br>BOILER ANDIDENTIFICATION BASED ON<br>MANUFACTURER#S MARKINGS/A<br>SME/CE MARKINGS.B. REVIEW OF RECORDS FOR<br>SITE ERECTION AND FINAL<br>EXAMINATIONRESULTS/REPAIR/ALTERATION<br>RECORDS.C. VISUAL EXAMINAT<br>ION ON ALL ACCESSIBLE AREA.D. REVIEW AND<br>VERIFY THERMOGRAPHY REPORTSE. EXTERNAL<br>VISUAL EXAMINATION ON ALL ACCESSIBLE AREA.F.<br>W<br>ALK DOWN AND PUNCH LIST REPORTS BASED ON<br>FINDINGS AND INTERVIEWSG. RECOMMENDATION<br>FOR NDE TASKS TO BE PERFORMED DURING<br>INSPECTIONS<br>H. REVIEW OF LAST INSPECTION REPORTI.<br>REVIEW OF LATEST OPERATING DATA FROM<br>CONTROL SYSTEM HISTORIAN ANDOTHER | 1   | JOB |              |          |            |                |



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|       |           |            | AVAILABLE ARCHIVESJ                          |     |     |              |          |            |                |
|       |           |            | . INSPECTION FOR VIBRATION OF PIPE, HEADERS, |     |     |              |          |            |                |
|       |           |            | STEEL STRUCTURE, ETC.1.2: OUTAGE             |     |     |              |          |            |                |
|       |           |            | INSPECTION:A. A VISUAL SURVEY OF THE HRSGS   |     |     |              |          |            |                |
|       |           |            | GENERAL                                      |     |     |              |          |            |                |
|       |           |            | CONDITION, EXTERNAL CASING, INTERNAL GAS     |     |     |              |          |            |                |
|       |           |            | SIDE MECHANICAL PARTS AND AUXILIARY          |     |     |              |          |            |                |
|       |           |            | EQUIPMENT READILYACCESSIBLE PRESSURE         |     |     |              |          |            |                |
|       |           |            | PARTS ETC.B. THE                             |     |     |              |          |            |                |
|       |           |            | INTERNAL THOROUGH INSPECTION CONSTITUTES     |     |     |              |          |            |                |
|       |           |            | A VISUAL EXAMINATION /SURVEY OF THE          |     |     |              |          |            |                |
|       |           |            | ACCESSIBLE SURFACE OF THE BOILER PRESSURE    |     |     |              |          |            |                |
|       |           |            | PARTS, THE T                                 |     |     |              |          |            |                |
|       |           |            | UBESHEADERS, ACCESSIBLE SUPPORTING           |     |     |              |          |            |                |
|       |           |            | ARRANGEMENTS, REFRACTORY LINING,             |     |     |              |          |            |                |
|       |           |            | BURNER, FLOW GRID SUPPORTS, SILENCERS,       |     |     |              |          |            |                |
|       |           |            | DRUMS, AND THE INTERNAL FI                   |     |     |              |          |            |                |
|       |           |            | TTINGS IN ORDERTO DETECT ANY SIGN OF         |     |     |              |          |            |                |
|       |           |            | GENERAL OR LOCALIZED                         |     |     |              |          |            |                |
|       |           |            | DEFORMATION/DETERIORATION.WHERE              |     |     |              |          |            |                |
|       |           |            | APPLICABLE OR NECESSARY, NON-DESTRUCTIVE T   |     |     |              |          |            |                |
|       |           |            | ESTING METHODS, DESTRUCTIVE TESTING OF       |     |     |              |          |            |                |
|       |           |            | SAMPLES, IN-SITU METALLOGRAPHY ETC. SHALL    |     |     |              |          |            |                |



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|       |           |            | BE USEDTO COMPLEMENT THE VISUAL             |     |     |              |          |            |                |
|       |           |            | INSPECTION.C. EXTE                          |     |     |              |          |            |                |
|       |           |            | RNAL VISUAL EXAMINATION CARRIED OUT ON ALL  |     |     |              |          |            |                |
|       |           |            | ACCESSIBLE AREA.D. VISUAL INSPECTION AND    |     |     |              |          |            |                |
|       |           |            | WITNESS OF UT THICKNESS MEASUREMENT OF      |     |     |              |          |            |                |
|       |           |            | HIGH,ME                                     |     |     |              |          |            |                |
|       |           |            | DIUM AND LOW PRESSURE STEAM PIPING AND      |     |     |              |          |            |                |
|       |           |            | HEADERSE. VISUAL INSPECTION AND WITNESS     |     |     |              |          |            |                |
|       |           |            | OF UT THICKNESS MEASUREMENT OFPRESSURE      |     |     |              |          |            |                |
|       |           |            | VESSELS AND                                 |     |     |              |          |            |                |
|       |           |            | PIPING SYSTEMSF. REVIEW OF THICKNESS        |     |     |              |          |            |                |
|       |           |            | MEASUREMENT RECORDS TO VERIFY WHETHER       |     |     |              |          |            |                |
|       |           |            | THECURRENT THICKNESS IS NOT LESS THAN THE   |     |     |              |          |            |                |
|       |           |            | MINIMUM ALLOW                               |     |     |              |          |            |                |
|       |           |            | ABLE WALL THICKNESSG. REVIEW ALL CRITICAL   |     |     |              |          |            |                |
|       |           |            | STEAM-PIPING HANGERS BY CHECKING THE        |     |     |              |          |            |                |
|       |           |            | INDICATOROF HOT POSITION & ADJUST IF        |     |     |              |          |            |                |
|       |           |            | NECESSARYH.                                 |     |     |              |          |            |                |
|       |           |            | VISUAL INSPECTION / SURVEY OF DUCT BURNERS, |     |     |              |          |            |                |
|       |           |            | EXPANSION JOINTS ANDPIPE PENETRATIONS.I.    |     |     |              |          |            |                |
|       |           |            | INSPECT MAIN STACK/BYPASS STACK & ITS       |     |     |              |          |            |                |
|       |           |            | ACCESSO                                     |     |     |              |          |            |                |
|       |           |            | RIES FOR ANYDISCREPANCYJ. BASED ON VISUAL   |     |     |              |          |            |                |



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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
|       |           |            | INSPECTION AND PREVIOUS RECORD REVIEW,<br>THEINSPECTOR MAY IDENTIFY ADDITIONAL NDE<br>(THICKNE<br>SS MEASUREMENT, MT, PT,HARDNESS ETC.,), THE<br>NDE RESULTS WILL BE REVIEWED COMPLIANCE<br>TODRAWINGS, CODE AND SPECIFICATION IF<br>AVAILABLE<br>OR RETAINED FOR FUTUREREFERENCE.K. ALL<br>ABNORMAL CONDITIONS SUCH AS POOR<br>COATING,RUSTED/CORRODED/PITTED SURFACE,<br>RUSTED BOLTS / NUT<br>S, LOOSE BOLTEDASSEMBLIES, RUSTED WELD<br>SEAMS, CRACKS, DISTORTION, BENDS,<br>DENTS,SAGGING, BULGING ITEMS, INDICATION OF<br>LEAK, INDICATIO |     |     |              |          |            | PRICE          |
|       |           |            | N OF WATER INGRESS, PIPING/TUBE EXCESSIVE<br>VIBRATIONS, WASTAGE REDUCTION OF PRESSURE<br>RETAINING THICKNESS SHALL BE REPORTED.L.<br>VISUAL<br>INSPECTION OF INTERNAL CASING, INSULATIONS,<br>AND REVIEW HOTSPOTS DURING BOILER<br>RUNNING.M. VISUAL INSPECTION OF BOTH SUPER<br>HEATER SPRA  |     |     |              |          |            |                |



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|       |           |            | Y NOZZLES.1.3 POST OUTAGE INSPECTION:A.<br>REVIEW OF INSPECTION REPORT AND RECORDS<br>FOR REPAIR IF ANYPERFORMED.B. WITNESS OF<br>HYDRO T<br>EST AS APPLICABLEC. WITNESS FUNCTIONALITY<br>TEST AND REVIEW OF FUNCTIONALITY TEST<br>REPORTD. REVIEW / VERIFICATION OF<br>CALIBRATION CE<br>RTIFICATES OF PRESSURE,TEMPERATURE<br>GAUGES, TRANSMITTERS AND OTHER<br>INSTRUMENTSE. REVIEW OF WATER CHEMISTRY<br>RECORDSF. WITNESS SAFE<br>TY VALVE TESTS AND REVIEW OF SAFETY VALVE<br>TESTCERTIFICATESG. BOILER SHALL BE<br>VISUALLY EXAMINED EXTERNALLY UNDER<br>NORMAL WORKINGCOND<br>ITIONS.H. WATER LEVEL GAUGE ACCURACY,<br>FEED WATER CONTROLS, LOW/HIGH LEVELWATER<br>ALARMS, LOW WATER LEVEL ACTIONS, BLOW<br>DOWN SYSTEM O<br>PERATIONS ETC.WILL BE REVIEWED.I. REVIEW OF<br>OPERATING AND DESIGN PARAMETERSJ. |     |     |              |          |            | PRICE          |
|       |           |            | VERIFICATION TO CHECK THE BOILER IS PROVIDED  |     |     |              |          |            |                |



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|       |           |            | WITH<br>THE NEEDED SAFETYACCESSORIES AND THESE<br>ACCESSORIES ARE IN PLACE.4. DELIVERABLES<br>SHALL BE: ISSUE OF VISIT REPORT DETAILING<br>SCOPE OF INSPECTION UNDERTAKENAS<br>REQUIRED. ISSUE OF INSPECTION<br>CERTIFICATE DETAILING SCOPE OF<br>INSPECTIONUNDERTAKEN AND RESUL<br>TS & RECOMMENDATIONS UPON<br>SATISFACTORY COMPLETION OF INSPECTION.<br>ISSUE OF INSPECTION REPORT DETAILING SCOPE<br>OF INSPE<br>CTIONUNDERTAKEN IF ANOMALIES IDENTIFIED<br>ARE NOT RESOLVED IN ACCORDANCE TO<br>EIAC-RQ-IB-004REQUIREMENTS.DEWA SCOPE OF<br>WORK:A)<br>SHALL ARRANGE CLEANING, NON-DESTRUCTIVE<br>EXAMINATION (NDE),THICKNESS GAUGING IN-SITU<br>METALLOGRAPHYB) FACILITIES FOR SAFE<br>ACCESS TO<br>EQUIPMENT / SCAFFOLDING,C) WORK PERMITS,<br>CONFINED SPACE ENTRY PERMITS AND GATE<br>PASSESD) INSULATION REMOVALS, AS |     |     |              |          |            |                |



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CLOSING TIME : 10:00:00

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|-------|-----------|------------|--|-----|-----|--------------|----------|------------|----------------|
|       |           |            | REQUIRED.NOTE T<br>O CONTRACTORS: #CONTRACTORS SHOULD VISIT<br>THE SITE TO UNDERSTAND THE SITE<br>CONDITIONS, CONTRACT SCOPE, AND INTRICACIES<br>OF THE WORK TO E<br>NSURE THAT THEYADEQUATELY COMPREHEND<br>THE SCOPE OF WORK FOR DESIGN, ENGINEERING,<br>ANDCOST ESTIMATION. #NO CLAIMS FOR EXTRA<br>PAYMENTS SH<br>ALL BE ACCEPTED FOR ANY<br>ADDITIONALMATERIALS OR WORKS THAT WERE<br>FOUND REQUIRED AT THE TIME OF EXECUTION<br>OFTHE WORK DUE TO LACK OF UND<br>ERSTANDING OF THE SCOPE, EXTENT OF<br>WORK, PLANT/SITE RESTRICTIONS,<br>UNDERESTIMATION OF THE SCOPE,<br>ETC., #IRRESPECTIVE OF BEING EXPLICIT<br>LY OR IMPLICITLY MENTIONED IN |     |     |              |          |            | -              |
|       |           |            | THISSPECIFICATION, CONTRACTOR SHALL NOTE,<br>ALL TECHNICAL AND<br>ENGINEERINGREQUIREMENTS ESSENTIAL TO<br>COMPL<br>ETE THE SCOPE OF WORK ARE INCLUDED INTHIS   |     |     |              |          |            |                |

MATERIAL AND OR SERVICE PROVIDED TO DEWA SHOULD PREFERABLY BE ENERGY EFFICIENT AND ENVIRONMENT FRIENDLY.



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|       |           |            | TENDER DOCUMENT. #ANY AMBIGUITIES OR        |     |     |              |          |            |                |
|       |           |            | DISCREPANCIES BETWEEN CONTRACTOR#S          |     |     |              |          |            |                |
|       |           |            | OFFER AND THISTECH                          |     |     |              |          |            |                |
|       |           |            | NICAL SPECIFICATION AFTER AWARD OF THE      |     |     |              |          |            |                |
|       |           |            | CONTRACT SHALL BE RESOLVED BYTHE DEWA,      |     |     |              |          |            |                |
|       |           |            | WHO SHALL THEN INSTRUCT THE CONTRACTOR      |     |     |              |          |            |                |
|       |           |            | THEREON.INTERPR                             |     |     |              |          |            |                |
|       |           |            | ETATION, CHANGE, OR CORRECTION MADE BY      |     |     |              |          |            |                |
|       |           |            | DEWA WILL BE BINDING FORTHE CONTRACTOR IN   |     |     |              |          |            |                |
|       |           |            | THIS REGARD WITHOUT ANY ADDITIONAL COST TO  |     |     |              |          |            |                |
|       |           |            | DEWA.·#N                                    |     |     |              |          |            |                |
|       |           |            | O CLAIMS FOR EXTRA PAYMENTS SHALL BE        |     |     |              |          |            |                |
|       |           |            | ACCEPTED FOR DE-MOBILIZATIONAND             |     |     |              |          |            |                |
|       |           |            | REMOBILIZATION OR WAITING TIME OR IDLE TIME |     |     |              |          |            |                |
|       |           |            | DUE TO DEWA#SOPERAT                         |     |     |              |          |            |                |
|       |           |            | IONAL CONSTRAINTS OR OTHER CRITICAL         |     |     |              |          |            |                |
|       |           |            | MAINTENANCE ACTIVITIES CARRIEDOUT BY DEWA   |     |     |              |          |            |                |
|       |           |            | AT THE SITE#THIS IS A LUMPSUM JOB AND NO    |     |     |              |          |            |                |
|       |           |            | PART PAYMEN                                 |     |     |              |          |            |                |
|       |           |            | T WILL BE PROCESSED.FOR MORE INFORMATION    |     |     |              |          |            |                |
|       |           |            | AND DETAILS PLEASE                          |     |     |              |          |            |                |
|       |           |            | CONTACT:SATHEESHKUMAR.RAMADOSSSATHEES       |     |     |              |          |            |                |
|       |           |            | HKUMAR.RAMADOSS@DEWA.GOV.AE04322603         |     |     |              |          |            |                |



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|       |           |            | 1  |     |     |              |          |            |                |
| 2     |           | ITEM-00001 | SAME AS WHRB 11FOR MORE INFORMATION AND<br>DETAILS PLEASE<br>CONTACT:SATHEESHKUMAR.RAMADOSSSATHEES<br>HKUMAR.RAMADOSS@DEWA.GOV.AE043226031 | 1   | JOB |              |          |            |                |
| 3     |           | ITEM-00001 | SAME AS WHRB 11FOR MORE INFORMATION AND<br>DETAILS PLEASE<br>CONTACT:SATHEESHKUMAR.RAMADOSSSATHEES<br>HKUMAR.RAMADOSS@DEWA.GOV.AE043226031 | 1   | JOB |              |          |            |                |

#### TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

#### **SPECIAL NOTES / INSTRUCTIONS:**

FOR D-STATION REPOWERING WHRB BOILERS-11/12/13 THIRD PARTY INTERNAL INSPECTION WORK.

#### **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



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|                   |                    |

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.

SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP