



## REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

**RFQ NUMBER** : 2331901835  
**DATE** : 08.08.2019  
**REQ No** : 1031900105  
**REQ TITLE** : Job1031900105 Replacement  
**DELIVERY LOCATION**  
**CLOSING DATE** : 22.08.2019  
**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>SCOPE OF WORK FOR BOILER HRSG-4&amp;5 #U# BENDS REPLACEMENT WORK AT E- STATION IN JEBEL ALI POWER STATION REPLACEMENT OF PRE-HEATER &amp; ECONOMIZER COIL ENDS #U# BENDS IN 'E' STN. DUE TO EXTERNAL CORROSION, DEEP PITTING &amp; REDUCED THICKNESS OF TUBE BENDS. THIS IS ONE TO ONE REPLACEMENT OF EXISTING ONE. #U# BEND TUBE SIZE OD:38.1MM, THICKNESS:2.9MM. EXISTING TUBE MATERIAL SA210 A1, NEW MATERIAL T11 1.#</p> <p>HRSG-4 LP ECONOMIZER TUBE BENDS FRONT SIDE, SIZE:38.1MM X 2.9MM, QTY.490NOS.</p> <p>2.#HRSG-4 PRE-HEATER TUBE BENDS FRONT SIDE, SIZE:38.1MM X 2.9MM, QTY.140NOS. 3. HRSG-4 LP ECONOMIZER TUBE BENDS REAR SIDE, SIZE:38.1MM X 2.9MM, QTY.420NOS. 4. HRSG-4 PRE-HEATER TUBE BENDS REAR SIDE, SIZE:38.1MM X 2.9MM, QTY.210NOS. 5.#HRSG-5 LP ECONOMIZER TUBE BENDS FRONT SIDE, SIZE:38.1MM X 2.9MM, QTY.490NO</p>	1.260	EA				



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			<p>S. 6.#HRSG-5 PRE-HEATER TUBE BENDS FRONT SIDE, SIZE:38.1MM X 2.9MM, QTY.140NOS. 7. HRSG-5 LP ECONOMIZER TUBE BENDS REAR SIDE, SIZE: 38.1MM X 2.9MM, QTY.420NOS. 8. HRSG-5 PRE-HEATER TUBE BENDS REAR SIDE, SIZE:38.1MM X 2.9MM, QTY.210NOS. FACILITIES BY DEWA</p> <p>: 1.#THERE WILL BE ONE DEWA ENGINEER FOR CONTRACTOR LIAISON AND WILL SUPPORT FOR TECHNICAL AND NON-TECHNICAL SECURITY, A REGISTRATIO N &amp; MANAGEMENT ISSUES. 2.#SITE SURVEY &amp; SPOT MEASUREMENTS (UPON REQUEST) OF PIPES &amp; ALL ATTACHMENTS IS TO BE DONE BY SUPPLIERS. 3.#D EWA ENGINEERS SHALL BE CONTACTED AT ANY TIME IN OFFICE HOURS FOR ANY QUERIES AND DOUBTS AND CASE OF URGENT ANY TIME BEYOND OFFICE HO URS EVEN DURING HOLIDAYS AND OFF-DAYS. 4.#REQUIRED NEW #U# BENDS SHALL BE PROVIDED BY DEWA FOR FABRICATION AND</p>						



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			<p>INSTALLATION, SHALL BE USED AS PER ACTUAL REQUIREMENT WITHOUT WASTAGE. THE REQUIREMENT OF MATERIAL SHALL BE SUBMITTED 48 HOURS IN ADVANCE.(EXCEPT THE ITEMS FOR HYDROSTATIC TEST.) 5.#NO OFFICE SPACE WILL BE PROVIDED BY DEWA. ON APPLICATION WITH RELEVANT PARTICULARS WILL PROVIDE SUITABLE PLACE. 6.#WATER, ELECTRICITY AND COMPRESSED AIR. 7.#CRANE/FORKLIFT WITH OPERATOR SHALL BE PROVIDED BY DEWA AS REQUIRED FOR THE WORK. THESE REQUIREMENTS SHALL BE PROPERLY PLANNED AND REQUESTED FOR ONE DAY IN ADVANCE IN WRITING. HOWEVER, ANY DELAY IN PROVIDING THESE FACILITIES DUE TO FAILURE TO APPLY IN TIME OR DUE TO SHORT PERIOD (FEW HOURS) SHALL NOT BE REASONS FOR DELAY IN EXECUTION. FACILITIES BY THE CONTRACTOR: 1.#THE CONTRACTOR SHALL PROVIDE ADEQUATE NUMBER OF TECHNICAL QUALIFIED STAFF AND</p>						



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			<p>SUPERVISORS ON SITE HAVIN            G MINIMUM OF THREE YEARS PRIOR EXPERIENCE            ON PIPING JOB TO ENSURE PROPER AND TIMELY            COMPLETION OF WORK. 2. THE CONTRACTOR            SHALL AL            SO NOMINATE ONE RESPONSIBLE PERSON AS            PROJECT ENGINEER WHO SHALL LIAISON WITH            THE OWNER ON ALL MATTERS PERTAINING TO            THE C            ONTRACT AND WHO WILL BE AVAILABLE AT SITE            ALL THROUGHOUT THE WORKING HOURS. 3. THE            CONTRACTOR SHOULD SUBMIT THE BIO-DATA THE            ENGINEER, TECHNICAL SUPERVISORS, QUALITY            INSPECTORS &amp; SAFETY SUPERVISOR. 4.            CONTRACTOR SHOULD BE CERTIFIED AS ASME            #U# &amp; #R#            STAMP. 5. ALL APPLICABLE EQUIPMENT AND            TOOLS SHOULD HAVE VALID TEST CERTIFICATE            FROM 3RD PARTY LICENSED CERTIFYING            AGENCIES.            6. INCLUDING ALL, THE FOLLOWINGS SHALL BE            ARRANGED BY THE CONTRACTOR AS PART OF            THE CONTRACT WORK. A.#CUTTING &amp; REMOVAL</p>						



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			<p>OF E  XISTING #U# BENDS FROM THE PRE-HEATER &amp;  ECONOMIZER COIL ENDS. B.#KEEP ALL OLD &amp;  REMOVED #U# BENDS IN DESIGNATED AREA.  C.#COLLECTION  OF THE #U# BENDS FROM DEWA STORES FOR  FABRICATION &amp; INSTALLATION WORK.  D.#TRANSPORTATION AND DELIVERY OF THE  FABRICATED PIPE MATERIA  LS ON SITE. E.#WELDING MACHINES, WELDING  CONSUMABLE, TOOLS &amp; TACKLES, ETC  REQUIRED FOR THE WORK. F.#HAND AND  POWERED TOOLS ,RIGGI  NG TOOLS, MATERIAL HANDLING FACILITIES,  ALIGNMENT JIGS AND FIXTURES, INSPECTION  TOOLS AND ACCESSORIES. G.#TARPAULINS  , HAND AND WORKING LAMPS, TEMPORARY  SUPPORTS ETC. H.#PERSONAL SAFETY  /PROTECTION EQUIPMENT, FIRST AID KIT, FOR  HIS STAFF AT  SITE. I.#IN GENERAL ALL ITEMS OF TOOLS,  ACCESSORIES, CONSUMABLE, HOSES, CABLES,  DISTRIBUTION BOARD ETC. OTHER THAN</p>						



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			<p>FACILITIES PROVIDED BY DEWA SHALL BE ARRANGED BY THE CONTRACTOR. J.#CONTRACTOR HAVE THE CAPABILITY TO WELD DE-SIMILAR MATERIALS. INSPECTION OF SITE BY CONTRACTOR: 1.# THE PROSPECTIVE BIDDERS SHALL VISIT THE SITE, WHICH SHALL BE ARRANGED WITH PRIOR APPOINTMENT. DEWA WILL NOT ACCEPT ANY CLAIM FOR EXTRAS BEYOND THE ORDER RATES / PRICES DURING AND AFTER THE EXECUTION OF WORK ORDERED.</p> <p>2.# THE SCHEDULE OF SHUTDOWN WILL BE INTIMATED IN ADVANCE SEPARATELY AND WORK TO BE CARRIED OUT DURING THAT PERIOD ONLY. DEWA WISHES TO GET THE PIPE WORK FABRICATED AND INSTALLATION THROUGH REPUTED AND WELL-EXPERIENCE PIPING CONTRACTOR. INSPECTION BY CLIENT: 1. THE JOB CARRIED OUT UNDER THIS CONTRACT TO BE INSPECTED BY DEWA</p>						



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			<p>ENGINEERS AT ALL STAGE. THEY SHALL HAVE FREE ACCESS TO CONTRACTOR SITE AT ALL TIMES. ONLY AFTER INSPECTION &amp; CERTIFICATION BY DEWA ENGINEERS, THE JOB SHALL PROCEED FURTHER.</p> <p>2. THE FOLLOWING ACTIVITIES IN SPECIFIC, SHALL BE OFFERED FOR INSPECTION AND APPROVAL BY DEWA ENGINEERS.</p> <p>A. ONLY AFTER THE INSPECTION AND CERTIFICATION BY DEWA THE JOB SHALL PROCEED FURTHER; ADVANCE NOTICE FOR THESE INSPECTIONS SHALL BE GIVEN TO DEWA BY THE CONTRACTOR TO ENABLE PROMPT SCHEDULING OF THE INSPECTIONS.</p> <p>B. FIT-UP OF PIPE WORK TRANCHES AND TAP OFFS PRIOR TO WELDING.</p> <p>C. COMPLETION OF WELDING AND DP CHECK. IN SPITE OF ALL THE CARE TAKEN BY THE CONTRACTOR AND ITS WORKMEN, IF ANY OF THE PLANT ITEMS ARE DAMAGED OR DEFACED OR OTHERWISE MADE IN-OPERATIONAL BY THE</p>						



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			<p>CONTRACTOR#S MEN, THIS SHALL BE FORTHWITH REPORTED TO DEWA ENGINEER IN-CHARGE OF THE JOB TO AVERT FURTHER DAMAGES, BREAKDOWN OR SHUTDOWN OF THE TOTAL PLANT. D.#NO WELDING SHALL CARRIED OUT WITHOUT THE APPROVAL OF DEWA ENGINEERS OF THE FIT-UP. E.#MISALIGNMENT SHALL BE CHECKED USING A SPECIFIC INSTRUMENT OR STRAIGHT EDGE, MIS-ALIGNMENT SHALL BE LESS THAN T/6 WHERE 'T' IS THE THICKNESS OF WALL OF PIPE. F.#ROOT GAP/ ROOT FACE SHALL BE AS PER DRAWING STANDARD. G.#ONLY QUALIFIED WELDERS SHALL BE ENGAGED. H.#WELDING SHALL BE DONE IN ACCORDANCE WITH THE APPROVED SPECIFIED WELDING PROCEDURE. I.#EDGE PREPARATION TO BE DONE BY MACHINE. J.#PRIOR TO COMMENCEMENT OF FABRICATION, TWO SETS OF FABRICATION DRAWING AND A METHOD STATEMENT SHOULD BE PREPARED AND</p>						





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			<p>SUBMITTED TO DEWA APPROVAL. K.#PREVIOUS EXPERIENCE FOR THE SIMILAR JOB, LIST TO BE PROVIDED</p> <p>ALONG WITH THE BID. L.#THERE SHALL BE SEPARATE CONTRACTOR#S QUALITY CONTROL INSPECTOR AT SITE TO MONITOR AND ENSURE THE QUALITY OF</p> <p>WORK CARRIED BY THE CONTRACTOR. M.#DURING THE EXECUTION OF WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL CARRY OUT THE FOLLOWING QU</p> <p>ALITY CONTROL MEASURES AND TESTS. N.#THESE TESTS SHALL BE WITNESSED BY THE DEWA SUPERVISORS OR ENGINEERS. O.#THE SCHEDULING, INFORMI</p> <p>NG AND CARRYING OUT THE TESTS INCLUDING PROVIDING CONSUMABLE MATERIAL FOR THE TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. P</p> <p>.#THE TESTS ARE VISUAL INSPECTION OF THE #U# BENDS BEFORE AND AFTER DISMANTLING. NDT TESTS: ALL THE BUTT WELD JOINTS NDT (RADIOG</p>						



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			<p>RAPHY, DP OR STRESS RELIVING) WILL BE CARRIED OUT (DEWA WILL ARRANGE). MPI WILL CARRY OUT FOR ALL SOCKET JOINTS. RECORDS:</p> <p>1. THE CONTRACTOR SHOULD SUBMIT THE DAILY WORK PROGRESS REPORT, TBT, CHECK LISTS, QUALITY CONTROL REPORTS, SAFETY REPORTS, HOUSEKEEPING REPORTS AND OTHER DOCUMENTS TO THE ENGINEER IN CHARGE OF THE STATION. 2. THE CONTRACTOR SHOULD KEEP PTW, RISK ASSESSMENT, LINE CLEARANCES AND TBT COPY AT SITE FOR ALL WORKS. 3. THE CONTRACTOR SHOULD SUBMIT THE COMPLETION REPORT WITH UNITS OF MEASUREMENTS FOR ALL JOBS.</p> <p>WARRANTY PERIOD: 1. THE WORK CARRIED OUT BY CONTRACTOR UNDER THIS CONTRACT SHALL CARRY A WARRANTY OF 5 YEARS AGAINST DEFECTIVE COATING MATERIALS &amp; PAINTING, AND TWO YEARS FOR FAULTY/POOR FABRICATION, ERECTION AND WORKMANSHIP. 2. IN CASE OF ANY</p>						



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			DAMAGE/DETERIORATION OF THE WORK CARRIED OUT UNDER THIS CONTRACT WITHIN THIS WARRANTY PERIOD, THE CONTRACTOR WITH ALL SPEED SHALL						
2		ITEM-00001	REPLACEMENT OF PRE-HEATER & ECONOMIZER COIL ENDS #U# BENDS IN 'E' STN. DUE TO EXTERNAL CORROSION, DEEP PITTING & REDUCED THICKNESS OF TUBE BENDS. THIS IS ONE TO ONE REPLACEMENT OF EXISTING ONE. #U# BEND TUBE SIZE OD:38.1MM, THICKNESS:2.9MM. EXISTING TUBE MATERIAL SA210 A1, NEW MATERIAL T11 1.#HRSG-5, PRE-HEATER & ECONOMIZER TOTAL #U# BENDS = 1260NOS.	1.260	EA				

TOTAL AMOUNT IN WORDS:

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**SPECIAL NOTES / INSTRUCTIONS:**

'E' Stn. HRSG-4<(>&<)>5 Boiler Pre-Heater Tube Bends replacement. DEWA Contact Person Gopal Tewari:0508806977 or Jassem:0504225863

**STANDARD TERMS & CONDITIONS**

1) Prices should be 'DDP' delivery duty paid at DEWA stores.

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



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- 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.

**SUPPLIER'S REMARKS :**

**SUPPLIER'S SIGNATURE AND STAMP**