

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332501680
DATE : 08.07.2025
REQ No : 1032503176
REQ TITLE : Supply and Replacement
DELIVERY LOCATION
CLOSING DATE : 16.07.2025
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	SUPPLY AND REPLACEMENT OF KELVION COOLING TOWER PVC INFILLS AND DRIFTELIMINATORS AT JEBEL ALI NEW STAFF ACCOMMODATION BUILDING (BLOC K -B).#SCOPE OF WORKS: -#THE CONTRACTOR IS REQUIRED TO QUOTE LUMP SUM PRICE FOR THE SUPPLY ANDREPLACEMENT OF THE EXISTING COOLING TO WERS -3 NOS PVC INFILLS ANDELIMINATORS AT THE JEBEL ALI NEW STAFF ACCOMMODATION BUILDING (BLOCK-B).#THE SCOPE COVERS THE REMOVAL OF THE OUTDATED COMPONENTS, SUPPLY OF NEWPVC INFILLS AND ELIMINATORS, INSTALLATION, TESTING, AND COMMISSIONING OFTHE NEW COMPONENTS TO ENSURE OPTIMAL PERFORMANCE OF THE COOLING TOWERSYSTEM.#THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT, ANDLABOUR RE QUIRED FOR THE COMPLETE REPLACEMENT OF THE EXISTING PVC INFILLSAND ELIMINATORS IN THE COOLING TOWERS, INCLUDING THE	3	NO				

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			<p>FOLLOWINGACTIVIT IES:#SUPPLY OF NEW PVC INFILLS AND ELIMINATORS.#REMOVAL OF EXISTING INFILLS AND ELIMINATORS.#INSTALLATION OF NEW INFILLS AND ELIMINA TORS.#PERFORMANCE TESTING AND SYSTEM VERIFICATION.#DISPOSAL OF OLD COMPONENTS AND SITE RESTORATION.#REPORTING AND DOCUMENTATION OF C OMPLETED WORK.#CONTRACTOR TO REPLACE THE EXISTING GASKETS FOR ALL COOLING TOWERSACCESS DOORS.#CONTRACTOR TO DO LEAK REPAIR OF ALL TH E COLD-WATER BASINS AS PER SITEREQUIREMENT.#DURING REPLACEMENT OF PVC INFILLS CONTRACTOR TO CLEAN ALL COOLINGTOWERS HOT WATER BASIN & COLD WATER BASIN AND SURROUNDING AREA AS WELL.#CONTRACTOR TO SUPPLY CHEMICALS FOR CLEANING OF INNER SIDE OF THECOOLING TOWERS INCL UDING BRANCH PIPES AND NOZZLES.#DURING ACTIVITIES CONTRACTOR TO PROVIDE MORE</p>						

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			<p>MANPOWER TO CARRY OUT MAINTENANCE AND TO BE COMPLETED AS PER THE DEWA SCHEDULE. #ALL THE MATERIALS IN GENERAL WILL CONFORM AS PER LATEST STANDARDS AND SHALL BE SUBMITTED TO DEWA FOR ENGINEER'S APPROVAL. #THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTION. SO AS NOT, DAMAGE ANY OF THE EXISTING EQUIPMENT/ STRUCTURE ETC. #ALL MAINTENANCE ACTIVITIES SHALL BE PERFORMED IN PRESENCE/ SUPERVISION OF COMPETENT SUPERVISOR. #CONTRACTOR SHOULD SUBMIT MATERIAL SUBMITTAL, METHOD OF STATEMENT, RISK ASSESSMENT AND ACTION PLAN TO DEWA'S ENGINEER APPROVAL BEFORE CARRYING OUT THE INSTALLATION. #ALL MAINTENANCE ACTIVITIES SHALL BE PERFORMED IN PRESENCE/ SUPERVISION OF CONTRACTOR'S COMPETENT SUPERVISOR. #THE CONTRACTOR SHALL DEPLOY THE SKILLED TECHNICIANS FOR CARRY OUT</p>						

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			<p>THEWORKS#CONTRACTORS TO BE SUBMITTED THEIR OWN CHECK LIST FOR CORRECTIVEMAINTENANCE FOR DEWA#S SUPERVISOR</p> <p>R VERIFICATION AND RECORD#CONTRACTORS TO SUBMIT REQUIRE CONSUMABLE ITEMS TO COMPLETE CORRECTIVEMAINTENANCE FOR DEWA#S SUPERVISOR VERIFICATION AND RECORD.#FOLLOW THE MANUFACTURER GUIDELINES FOR REPAIRING/MODIFICATION OFEQUIPMENT.#CONTRACTOR TO PROVIDE US MATERIAL S</p> <p>UBMITTAL, METHOD OF STATEMENT, RISKASSESSMENT AND PLANNER AS WELL.#TESTING AND COMMISSIONING SHALL BE COMPLETED AS PER EXISTING SITE REQUIREMENTS AND MANUFACTURES RECOMMENDATION#THE JOB EXECUTION SHALL BE CARRIED OUT IN THE TIMING ASSIGNED BY THEDEWA ENGINEER#IN CA</p> <p>SE OF UN-SATISFACTORY PERFORMANCE, THE LPO WILL BE CANCELLEDGIVING 15 DAYS#</p>						

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			NOTICE#CONTACT PERSON FOR SITE VISIT MR. AKBAR ALI: 052 8682151(AKBAR.ALI@DEWA.GOV.AE) AND MR. MOHIDEEN: 055 3810513, 04 3227879(MOHIDEEN.ESMAIL@DEWA.GOV.AE).DEWA -CONFIDENTIALPVC INFILLS MATERIAL SPECIFICATIONS:##THE INFILLS SHALL BE MADE FROM HIGH-QUALITY, CORROSION-RESISTANT PVCOR EQUIVALENT MATERIAL WITH UV RESISTANCE.##THE MATERIAL SHOULD BE CAPABLE OF WITHSTANDING HIGH TEMPERATURES,EXPOSURE TO CHEMICALS, AND ENVIRONMENTAL CONDITIONS TYPICAL FOR COOLINGTOWER APPLICATIONS.##INFILLS SHALL BE DESIGNED TO FACILITATE MAXIMUM HEAT EXCHANGE EFFICIENCY AND WATER DISTRIBUTION.##THE INFILL DESIGN SHOULD MAXIMIZE WATER AND AIR CONTACT AREA TOIMPROVE HEAT TRANSFER.##THE INFILLS SHALL BE OF THE COUNTERFLOW TYPE OR CROSSFLOW TYPE, BASEDON THE EXISTING SYSTEM						

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			DESIGN.##THE THICKNESS OF THE INFILL SHALL BE DESIGNED TO MAINTAIN STRUCTURALINTEGRITY UNDER OPERATIONAL LOADS AND CHEMICAL EXPOSURE.##THE INFILLS SHALL MEET OR EXCEED THE COOLING TOWER MANUFACTURER#SDSIGN SPECIFICATIONS FOR HEAT TRANSFER, AIR DISTRIBUTION, AND WATERDISTRIBUTION.##THE INFILLS SHALL PROVIDE MINIMAL RESISTANCE TO AIRFLOW TO ENSUREEFFICIENT OPERATION.MODEL NO:MAKE: KELVIONTYPE: CMDR19 630-DL(S)-120-PS8/3COUNTER FLOW COOLING TOWERMODULAR DESIGN1200 X 1200 MM PANELDIRE CTLY DRIVENCOOLING TOWER FILL WITH 19 MM CELL WIDTHCOOL SURFACE COOLING TOWER 63M2AIR VELOCITY THROUGH FILL: DL = LOW (2,5 M/S): DM = MEDIUM 3M/S): DH = HIGH (3,5M/S)AIR VELOCITY THROUGH FILL DIFFERENT THEN 2,5 / 3 / 3,5 M/S120 CM. HEIGHT COOLING TOWER FILLSPRAY-NOZZLE TYPE (PS 1 # 10)COOLING WATER FLOW : 50						

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			<p>M3/HTEMPERATURE COOLING WATER IN : 35 °CTEMPERATURE COOLING WATER OUT : 25 °CABSORBED ENERGY/COOLING CAPACITY: 583 KWHAMOUNT OF WATER EVAPORATED : 798 LTR/HINFILLS SYSTEM DETAILS:##IN PP, PROVIDING AN EXTENDED EXCHANGE SURFACE, GOOD RESISTANCE TOTEMPERATURE (70 °C CONTINUOUS), HIGH EFFICIENCY EXTENDED SURFACE, EASYMAINTENANCE, HIGH RESISTANCE TO CH EMICALS, OPERATION RANGE UP TO 100°CUPON REQUEST (OPTION).PVC ELIMINATORS MATERIAL SPECIFICATIONS:##THE ELIMINATORS SHALL BE MADE OF DURABLE, UV-STABILIZED PVC OREQUIVALENT MATERIAL.##THE MATERIAL SHALL BE RESISTANT TO CORROSION, CHEMICAL DETERIORATION,AND DEGRADA TION FROM UV EXPOSURE.##ELIMINATORS SHOULD BE DESIGNED TO REDUCE WATER CARRYOVER (DRIFT) FROMTHE COOLING TOWER WHILE MAINTAINING LOW</p>						

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			<p>AIRFLOW RESISTANCE.##THE ELIMINATORS MUST EFFECTIVELY SEPARATE WATER DROPLETS FROM THE AIRSTREAM, REDUCING WATER CARRYOVER AND IMPROVING THE OVERALL EFFICIENCY OF THE COOLING TOWER. DEWA-CONFIDENTIAL##THE DESIGN MUST PROVIDE ADEQUATE RESISTANCE TO WIND AND WATER FLOW WHILE PREVENTING EXCESSIVE PRESSURE DROP. DRIFT ELIMINATORS:##HIGHLY EFFICIENT, THEY PREVENT THE WATER FROM BEING SPRAYED OUT OF THE TOWER AND ARE EASILY REMOVABLE.##THESE DRIFT ELIMINATORS ARE MADE OF CORRUGATED PVC BLADE. DRIFT IS MAXIMUM 0.01 % FROM WATER FLOW IN RECIRCULATION. INSTALLATION REQUIREMENTS FOR REMOVAL OF EXISTING COMPONENTS:##CAREFULLY DISMANTLE AND REMOVE THE EXISTING PVC INFILTRATORS AND ELIMINATORS WITHOUT CAUSING DAMAGE TO OTHER COOLING TOWER COMPONENTS.##THE CONTRACTOR SHALL ENSURE THAT ALL REMOVAL</p>						

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			<p>ACTIVITIES ARE CARRIED OUT WITH MINIMAL DISRUPTION TO THE COOLING TOWER'S OPERATION.##ALL REMOVED COMPONENTS MUST BE DISPOSED OF PROPERLY IN ACCORDANCE WITH ENVIRONMENTAL AND SITE REGULATIONS. INSTALLATION OF NEW COMPONENTS:##THE NEW PVC INFILLS AND ELIMINATORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE COOLING TOWER MANUFACTURER'S SPECIFICATIONS.##ENSURE PROPER ALIGNMENT AND FITTING OF THE INFILLS AND ELIMINATORS, ENSURING SECURE ATTACHMENT TO THE COOLING TOWER'S STRUCTURAL FRAMEWORK.##ALL COMPONENTS SHOULD BE TESTED FOR PROPER FIT AND FUNCTION BEFORE FINAL INSTALLATION.##THE CONTRACTOR SHALL ENSURE THAT THE NEW COMPONENTS DO NOT INTERFERE WITH THE COOLING TOWER'S PERFORMANCE AND THAT ALL AIR AND</p>						

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			<p>WATERDISTRIBUTION SYSTEMS ARE OPTIMIZE##ENSURE ALL MOUNTING AND SEALING MATERIALS USED ARE COMPATIBLE WITHPVC COMPONENTS AND CAPABLE OF WITHSTANDING THE OPERATING ENVIRONMENT(HIGH HUMIDITY, CHEMICALS, ETC.).##THE USE OF CORROSION-RESISTANT FASTENERS, SEALS, AND ADHESIVES ISREQUIRED.##ALL INFILLS AND ELIMINATORS SHALL BE SECURELY MOUNTED AND ALIGNEDWITH PROPER SPACING TO AVOID AIR OR WATER DISTRIBUTION INEFFICIENCIES.TESTING AND COMMISSIONING:##AFTER THE INSTALLATION OF THE NEW PVC INFILLS AND ELIMINATORS,CONDUCT A PERFORMANCE TEST TO ENSURE THAT THE COOLING TOWER IS OPERATINGWITHIN THE REQUIRED PERFORMANCE PARAMETERS (WATER FLOW, AIRDISTRIBUTION, COOLING CAPACITY, ETC.).##MEASURE THE AIR AND WATER FLOW, TEMPERATURE DIFFERENTIALS, AND</p>						

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			OTHERRELEVANT PARAMETERS TO ENSURE THE NEW COMPONENTS ARE FUNCTIONING ASDESIGNED.##THE CONTRACTOR MUST ENSURE THAT THE COOLING TOWER#S PERFORMANCE AFTERTHE REPLACEMENT MEETS THE DESIGN SPECIFICATIONS AND OPERATES EFFICIENTLY##VERIFY TH AT THE COOLING TOWER OPERATES WITH MINIMAL VIBRATION, NOISE,AND AIR/WATER LEAKS AFTER INSTALLATION.##CHECK THA						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

Supply and Replacement

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

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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.

SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP