

**RFQ NUMBER** : 2412502084

**DATE** : 16.12.2025

**REQ No** : 1032505598

**REQ TITLE** : 1032505598: water treatment

**DELIVERY LOCATION** 

**CLOSING DATE** : 19.12.2025

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL
1	TIEM GODE	ITEM-00001	COMPREHENSIVE ANNUAL MAINTENANCE OF CHILLED & CONDENSER WATER CHEMICALTREATMENTS, BACTERIA & LEGIONELLA IN THE WATER SYSTEM AT DEWA HEADOFFICE.#SCOPE OF WORK FOR CHILLED & CONDENSER WATER CHEMICAL TREATMENTS: -#THE CONTRACTOR IS REQUIRED TO QUOTE	4	JOB	BRANDION	Walnakiii	SMITRIOL	PRICE
			LUMP SUM PRICE F OR COMPREHENSIVEANNUAL MAINTENANCE OF CHILLED AND CONDENSER WATER CHEMICAL TREATMENTSAND BACTERIA & LEGIONELLA IN THE WATER SYSTEM ( INCLUDING SUPPLY OFCHEMICALS, REPAIR AND REPLACEMENT OF AUTO DOSING SYSTEMS, BERLACEMENT OF PREFERENCE OF AUTOPORTS.						
			REPLACEMENT OFDEFECTIVE SENSORS, REPLACEMENT OF BLOWDOW N SOLENOID OR MOTORIZED VALVES,REPLACEMENT OF DOSING TUBES AND CONDUCTIVITY CONTROLLERS ETC.)#THE PARTIES SHOULD VISIT THE SITE AND CHECK THE SYSTEMS, ASSESS THEREQUIREMENTS AND QUOTE LUMP SUM ACCORDINGLY.#ALL THE MATERIALS IN GENERAL						



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			WILL CONFORM AS PER LATEST ST						
			ANDARDS ANDSHALL BE SUBMITTED TO DEWA						
			FOR ENGINEERS APPROVAL.#TEST THE WATER						
			CHEMICAL ANALYSIS AND ADVICE AND ADD OF						
			THE REQUIREDCHE						
			MICAL.#ADD THE REQUIRED CHEMICALS FOR						
			SOFTENING, ANTICORROSION AND TAKESAMPLE						
			AGAIN FOR WATER SAMPLING AND						
			ANALYZING.#EVERY MONTH TA						
			KE WATER SAMPLES AND TESTS TO ANALYZE ALL						
			FACTORSREQUIRED FOR CLOSED CIRCUITS						
			CHILLED WATER SYSTEM TO KEEP						
			WATEREFFICIENCY AT 7 DEG.						
			C AND CONDENSER WATER CIRCUIT AS						
			WELL.#THE CONTRACTOR MUST SUBMIT						
			ANALYZING REPORTS (CHILLED &						
			CONDENSERWATER AND BACTERIA & LEGION						
			ELLA) MONTHLY BASIS. (FROM DM APPROVED						
			LAB)FOR OUR VERIFICATION.#CONTRACTOR TO						
			MAINTAIN AND KEEP MINIMUM SPARE CHEMICALS						
			AS PER SITE						
			REQUIREMENT.#THE CONTRACTOR TO BE						
			REMOVED EMPTY CANS AND EXPIRED CHEMICALS		1				



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			AS WELLFROM THE SITE.#DURATION OF THE						
			WATER FLUSHING, TES						
			TING AND ADJUSTING TO COMPLETE ALLWORK						
			WITHIN TWO MONTHS OF THE WINTERTIME						
			ONLY.RECOMMENDED LIMITS FOR CHILLED						
			WATER. SR. NO #TEST N						
			AME #CONTROL LIMIT#1 #PH #8.5 - 11 #2						
			#CONDUCTIVITY (#S/CM) #< 3000 #3 #TOTAL						
			DISSOLVED SOLIDS (MG/L) #< 2100 #4 #SUSPENDED						
			SOLIDS (						
			MG/L) #< 30 #5 #DISSOLVED IRON (MG/L) #< 0.5 #6						
			#NITRITE (MG/L NO2) #> 600 #SR. NO #TEST NAME						
			#CONTROL LIMIT #1 #TOTAL HARDNESS(PPM						
			AS CACO3) #< 500 #2 #CALCIUM HARDNESS (PPM						
			AS CACO3) #< 300 #3 #M ALKALINITY (PPM AS						
			CACO3) #< 300 #4 #CHLORIDE (MG/L) #< 600 #5 #PH						
			#8 - 9 #6 #CONDUCTIVITY (#S/CM) #< 2400 #7						
			#TOTAL DISSOLVED SOLIDS (MG/L) #< 1700 #8						
			#PHOSPHONATE (MG/L) #8 - 10 #9 #DISSOLVED						
			IRON						
			(MG/L) #< 1 #SCOPE OF WORK FOR BACTERIA/						
			LEGIONELLA IN THE WATER SYSTEM: -##THE						
			CONTRACTOR IS REQUIRED TO QUOTE LUMP SUM		1				



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			PRICE FOR						
			ANNUALMAINTENANCE OF TESTING AND						
			CONTROLLING AND TREATMENT OF						
			MICROBIOLOGICALANALYSIS & LEGIONELLA IN THE						
			WATER SYSTEM.##THE PARTIES						
			SHOULD VISIT THE SITE AND CHECK THE						
			SYSTEMS ASSES THEREQUIREMENT AND TO						
			QUOTE LUMP SUM ACCORDINGLY.##MONTHLY						
			INSPECTION OF THE SYST						
			EM, TESTING AND GIVE REPORT FORBACTERIAL						
			COUNT AS PER DM REGULATION (AS PER BELOW						
			TABLE)##EVERY MONTH TEST REPORTS TO BE						
			PROVIDED FO						
			R BACTERIA AEROBIC COUNTFOR COOLING						
			TOWERS (AS PER BELOW TABLE)##EVERY						
			THREE-MONTH TEST REPORT TO BE PROVIDED						
			FOR LEGIONELLA (ALLWAT						
			ER SYSTEM AND CHILLED WATER & COOLING						
			TOWER) (AS PER BELOW TABLE)##EVERY						
			THREE-MONTH TEST REPORT TO BE PROVIDED						
			FOR BACTERIA AEROBIC						
			COUNT FOR ALL WATER SYSTEM EXPECT						
			COOLING TOWER AS PER DM REGULATION.(AS						



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			PER BELOW TABLE)##TEST TO BE PERFORMED						
			FROM DUBAI MUNICIPAL						
			ITY ACCREDITED LABORATORYONLY.##IF THE						
			BACTERIA/ LEGIONELLA COUNT WAS FOUND						
			ABOVE THE ACCEPTABLERANGE, IT HAS TO BE						
			INTIMATED TO THE						
			CONCERNED ENGINEER AND						
			CORRECTIVEMEASURES/PLAN HAS TO BE						
			GIVEN.##WATER QUALITY MUST BE TESTED TO						
			ASSESS EFFICACY OF THE WATERTREATM						
			ENT SYSTEM AND GENERAL SYSTEM						
			CLEANLINESS. SAMPLING AND TESTINGMUST BE						
			CARRIED OUT FOR THE PRESENCE OF BACTERIA,						
			BOTH GENERAL (AEROB						
			IC)BACTERIAL SPECIES AND LEGIONELLA						
			BACTERIA.DEWA-CONFIDENTIAL##SAMPLE						
			SHOULD BE COLLECTED FROM EACH COOLING						
			WATER SYSTEMS (COOLINGT						
			OWERS AND EVAPORATIVE						
			CONDENSERS).##SAMPLE SHOULD BE COLLECTED						
			FROM EACH WATER SYSTEM WITH A						
			WATERSTORAGE VOLUME OF OVER 1,000 LITER						
			S AND WHICH PRODUCE SPRAY OR AEROSOLSUCH						



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			AS SPAS, FOUNTAIN, WATERFALL SYSTEMS,						
			EVAPORATIVE AIR COOLERS,MISTERS, AIR						
			WASHERS AND HUMI						
			DIFIERS.##THE MINIMUM RECOMMENDED						
			SAMPLING FREQUENCY AS SHOWN BELOW:						
			-##MICROBIOLOGICAL ANALYSIS OF WATER						
			SAMPLES: -SAMPLES MAY BE A						
			NALYZEDBY THE LABORATORY BY THE DM						
			APPROVED METHOD.##THE ANALYSIS OF						
			MICROBIOLOGICAL SAMPLES MUST BE						
			UNDERTAKEN BY ALABORATORY THAT						
			IS ACCREDITED BY DUBAI MUNICIPALITY TO						
			PERFORM THEREQUIRED TESTING. AND THE TEST						
			RESULTS MUST BE AVAILABLE FOR INSPECTIONBY						
			THE DUBA						
			I MUNICIPALITY (DM) STAFF.##THE CONTRACTOR						
			IS REQUIRED TO TAKE ALL PRECAUTION. SO AS						
			NOT, DAMAGEANY OF THE EXISTING EQUIPMENT/						
			STRUC						
			TURE ETC###SHOULD WE EXPERIENCE A						
			BREAKDOWN IN ANY OF EQUIPMENT/SYSTEM AT						
			ANYTIME OF THE DAY OR NIGHT, YOU WILL						
			RESPOND TO OUR REQUE						



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SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
			ST WITH YOUR 24HOURS EMERGENCY CALL OUT						
			SYSTEM AVAILABLE 7 DAYS A WEEK ALL YEAR						
			ROUND.RESPONDING TIME TO BREAKDOWN CALLS						
			IS WITHIN 3						
			0 MINUTES AFTER RECEIPT OFNOTIFICATION AS						
			PER BELOW TWO SLA CONDITIONS.##RISK						
			ASSESSMENT, METHOD OF STATEMENT AND						
			ACTION PLAN TO BE						
			SUBMITTEDBEFORE PROCEEDING THE						
			WORK.##ALL MAINTENANCE ACTIVITIES SHALL BE						
			PERFORMED IN PRESENCE/SUPERVISION OF						
			COMPETENT SUPERVISOR.						
			##SERVICE/ ANALYSIS REPORT TO BE SUBMITTED						
			ON A MONTHLY AND QUARTERLYBASIS FOR OUR						
			VERIFICATION.##THE CONTRACT PERIOD WILL						
			START FRO						
			M THE DATE OF FIRST SERVICE/ VISIT.##IN CASE						
			OF UN-SATISFACTORY PERFORMANCE, THE LPO						
			WILL BE CANCELLEDGIVING 30 DAYS#						
			NOTICE##CONTAC						
			T PERSON FOR SITE VISIT MR. MOHIDEEN: 055						
			3810513, 04 3227879.WATER SYSTEM TYPE,						
			COMPONENTS, AND MINIMUM NUMBER OF WATER						



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			SAMPLESTHE						
			MINIMUM RECOMMENDED SAMPLING FREQUENCY						
			AS SHOWN IN TABLE BELOW:PARAMETER						
			#FREQUENCY #ALL WATER SYSTEMS (EXPECT						
			COOLING WATER SYSTEM)						
			#COOLING WATER #LEGIONELLA #QUARTERLY						
			#QUARTERLY #THE TESTING FOR LEGIONELLA						
			BACTERIA MUST BE DETECTED BY CULTURE						
			OFVIABLE ORGANISM						
			S ACCORDING TO THE INTERNATIONAL STANDARD						
			ISO 11731(ENUMERATION OF LEGIONELLA) (LATEST						
			VERSION).##THE SAMPLING METHOD SHOULD BE						
			IN A						
			CCORDANCE WITH BS 7592 (SAMPLINGFOR						
			LEGIONELLA BACTERIA IN WATER SYSTEM)						
			(LATEST VERSION)##THE ANALYSIS OF						
			MICROBIOLOGICAL SAMPLES M						
			UST BE UNDERTAKEN BY ALABORATORY THAT IS						
			ACCREDITED BY THE EMIRATES						
			INTERNATIONALACCREDITATION CENTRE (EIAC)						
			TO PERFORM THE REQUIRED						
			TESTING.##THE TEST RESULTS MUST BE						
			AVAILABLE FOR INSPECTION BY THE						



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			DUBAIMUNICIPALITY STAFF.WATER QUALITY						
			GUIDELINE.##A DETECTABLE P						
			OPULATION OF LEGIONELLA BACTERIA IN THE						
			WATER INDICATESTHAT THERE WILL BE A LARGER						
			POPULATION IN SEDIMENTS AND BIOFILM						
			WITHINTHE SYS						
			TEM.##UNDETECTABLE LEGIONELLA BACTERIA IN						
			THE WATER SAMPLE MAY NOTNECESSARILY						
			INDICATE THAT THE SYSTEM IS FREE OF THESE						
			ORGANISMS, A						
			S THEYMAY STILL BE ATTACHED TO						
			SURFACES.##THE PRIMARY TOOL FOR THE						
			CONTROL OF LEGIONELLA BACTERIA IS						
			GOODHYGIENE PRACTICE. IT HAS BE						
			EN FOUND TO BE VERY DIFFICULT TO MANAGE						
			THEMICROBIAL CHARACTERISTICS OF A COOLING						
			WATER SYSTEM BASED ONLY ONLEGIONELLA						
			BACTERIA-SPEC						
			IFIC DATA.##MONITORING THE OVERALL						
			BACTERIAL LEVEL IS FAR MORE						
			EFFECTIVE.RECOMMENDED LIMITS FOR						
			BACTERIAL CONTAMINATION IN (CFU/L) U						
			NIT, ACCORDING TO THE WATER SYSTEM IN TABLE						



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			BELOW:LIMIT REFERENCE OF MICROBIAL						
			CONTAMINATION. NO #WATER SYSTEM						
			#MICROORGANISM #LIMIT						
			REFERENCE #1 #COOLING WATER SYSTEM						
			(COOLING TOWER AND EVAPORATIVE						
			CONDENSER) #LEGIONELLA #NOT EXCEED 1000						
			CFU/L #AEROBIC BACTERIAL C						
			OUNT #NOT EXCEED 10000 CFU/ML #2 #HOT, WARM						
			AND COLD WATER SYSTEM #LEGIONELLA #NOT						
			EXCEED 1000 CFU/L#TOTAL BACTERIAL COUNT						
			#500 CFU/						
			ML #3 #EVAPORATIVE AIR COOLERS, #LEGIONELLA						
			#LESS THAN 1 CFU/L #TOTAL BACTERIAL COUNT						
			#500 CFU/ML #COOLING WATER SYSTEM (COOLING						
			TOW						
			ER AND EVAPORATOR CONDENSER).# LEGIONELLA						
			BACTERIA COUNT SHOULD NOT EXCEED 1000						
			CFU/LITRE.# TOTAL BACTERIA COUNT (TBC)						
			SHOULD BE BEL						
			OW 10000 CFU/ML OF WATERSAMPLE. HOWEVER,						
			THIS MAY NOT BE PRACTICAL IN ALL						
			CIRCUMSTANCES.# CONCENTRATIONS ABOVE						
			10000 CFU/ML INDICATE						



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CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
			THAT CONDITIONS IN THESYSTEM ARE FAVORING BACTERIAL MULTIPLICATION.# THE BELOW DETAILS RECOMMENDED ACTION TO BE UNDERTAKEN FOR A RA NGE OFTBC#S.ACTION LEVELS FOLLOWING TESTING WATER IN COOLING TOWERS:ACTION LEVELS FOLLOWING TESTING OF COOLING TOWER WATER M						

TOTAL AMOUNT IN WORDS: TOTAL AMOUNT:

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

COMPREHENSIVE

ANNUAL MAINTENANCE OF CHILLED <(>&<)> CONDENSER WATER CHEMICAL

TREATMENTS, BACTERIA <(>&<)> LEGIONELLA IN THE WATER SYSTEM AT DEWA HEAD

OFFICE.

for more information please contact: Mohideen / 553810513

Site Visit Date <(>&<)> Time: 20/11/2025 9:00

Payment Terms : Quarterly basis

#### **STANDARD TERMS & CONDITIONS**

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



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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.
- 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