

## REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

**RFQ NUMBER** : 2332501350  
**DATE** : 29.05.2025  
**REQ No** : 1032502421  
**REQ TITLE** : COMPREHENSIVE ANNUAL  
**DELIVERY LOCATION**  
**CLOSING DATE** : 11.06.2025  
**CLOSING TIME** : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	COMPREHENSIVE ANNUAL MAINTENANCE OF CHILLED & CONDENSER WATER CHEMICALTREATMENTS, BACTERIA & LEGIONELLA IN THE WATER SYSTEM AT WARS AN TP ADMINBUILDING.# COMPREHENSIVE ANNUAL MAINTENANCE OF CHILLED & CONDENSER WATER CHEMICALTREATMENTS, BACTERIA & LEGIONELLA IN THE WATER SYSTEM AT WARSAN TP ADMINBUILDING.#SCOPE OF WORK FOR CHILLED & CONDENSER WATER CHEMICAL TREATMENTS: -#THE CONTRACTOR IS REQUIRED TO QUOTE LUMP SUM PRICE FOR 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, REPLACEMENT OFDEFECTIVE SENSORS, REPLACEMENT OF BLOWDOWN SOLENOID OR MOTORIZED VALVES,REPLACEMENT OF DOSING TUBES AND CONDUCTIVITY	4	NO				

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			<p>CONTROLLERS ETC..)#THE PART IES SHOULD VISIT THE SITE AND CHECK THE SYSTEMS, ASSES THEREQUIREMENT AND TO QUOTE LUMP SUM ACCORDINGLY.#ALL THE MATERIALS IN GENERA L WILL CONFORM AS PER LATEST STANDARDS ANDSHALL BE SUBMITTED TO DEWA FOR ENGINEERS APPROVAL.#TEST THE WATER CHEMICAL ANALYSIS AND AD VICE AND ADD OF THE REQUIREDCHEMICAL.#ADD THE REQUIRED CHEMICALS FOR SOFTENING, ANTICORROSION AND TAKESAMPLE AGAIN FOR WATER SAMPLIN G AND ANALYZING.#EVERY MONTH TAKE WATER SAMPLES AND TEST FOR ANALYZING ALL FACTORSREQUIRED FOR CLOSED CIRCUITS CHILLED WATER SYSTEM TO KEEP WATEREFFICIENCY AT THE 7 DEG. C AND CONDENSER WATER CIRCUIT AS WELL.#THE CONTRACTOR MUST SUBMIT ANALYZING REPORTS (CHILLED &amp; CONDENSERWATER AND BACTERIA &amp; LEGIONELLA) ARE MONTHLY BASIS. (FROM DM</p>						

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			<p>APPROVEDLAB) FOR OUR VERIFICATION.#CONTRACTOR TO MAINTAIN AND KEEP MINIMUM SPARE CHEMICALS AS PER SITEREQUIREMENT.#THE CONTRACTOR TO BE REMOVED EMPTY CANS AND EXPIRED CHEMICALS AS WELLFROM THE SITE.#DURATION OF THE WATER FLUSHING, TESTING AND ADJUSTING TO COMPLETE ALLWORKS WITHIN TWO MONTHS OF THE WINTER TIME ONLY.RECOMMEND ED LIMITS FOR CHILLED WATER. SR. NO #TEST NAME #CONTROL LIMIT#1 #PH #8.5 - 11 #2 #CONDUCTIVITY (#S/CM) #&lt; 3000 #3 #TOTAL DISSOLVED SOLIDS (MG/L) #&lt; 2100 #4 #SUSPENDED SOLIDS (MG/L) #&lt; 30 #5 #DISSOLVED IRON (MG/L) #&lt; 0.5 #6 #NITRITE (MG/L NO2) #&gt; 600 # RECOMMENDED LIMITS FOR CONDENSER WATER. SR. NO #TEST NAME #CONTROLLIMIT #1 #TOTAL HARDNESS (PPM AS CaCO3) #&lt; 500 #2 #CALCIUM HARDNESS (PPM AS CaCO3) #&lt; 300 #3 #M ALKALINITY (PPM AS CaCO3) #&lt; 300 #4 #CHLORIDE (MG/L) #&lt; 600 #5 #PH #8 - 9 #6</p>						

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			<p>#CONDUCTIVITY (#S/CM) #&lt; 2400 #7 #TOTAL DISSOLVED SOLIDS (MG/L) #&lt; 1700 #8 #PHOSPHONATE (MG/L) #8 - 10 #9 #DISSOLVED IRON (MG/L) #&lt; 1 #SCOPE OF WORK FOR BACTERIA/ LEGIONE LLA IN THE WATER SYSTEM: -##THE CONTRACTOR IS REQUIRED TO QUOTE LUMP SUM PRICE FOR ANNUALMAINTENANCE OF TESTING AND CONTROLLING AND TREATMENT OF MICROBIOLOGICALANALYSIS &amp; LEGIONELLA IN THE WATER SYSTEM.##THE PARTIES SHOULD VISIT THE SITE AND CHECK THE SYSTEMS ASSE S THEREQUIREMENT AND TO QUOTE LUMP SUM ACCORDINGLY.##MONTHLY INSPECTION OF THE SYSTEM, TESTING AND GIVE REPORT FORBACTERIAL COUNT AS PER DM REGULATION (AS PER BELOW TABLE)##EVERY MONTH TEST REPORTS TO BE PROVIDED FOR BACTERIA AEROBIC COUNTFOR COOLING TOWERS (AS PE R BELOW TABLE)##EVERY THREE-MONTH TEST REPORT TO BE PROVIDED FOR LEGIONELLA</p>						

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			(ALLWATER SYSTEM AND CHILLED WATER & COOLING TOWER) (AS PER BELOW TABLE)##EVERY THREE-MONTH TEST REPORT TO BE PROVIDED FOR BACTERIA AEROBICCOUNT FOR ALL WATER SYSTEM EXPECT COOLING TOWER A S PER DM REGULATION.(AS PER BELOW TABLE)##TEST TO BE PERFORMED FROM DUBAI MUNICIPALITY ACCREDITED LABORATORYONLY.##IF THE BACTERIA/ LEGIONELLA COUNT WAS FOUND ABOVE THE ACCEPTABLERANGE, IT HAS TO BE INTIMATED TO THE CONCERNED ENGINEER AND CORRECTIVEMEASURES/PLAN H AS TO BE GIVEN.##WATER QUALITY MUST BE TESTED TO ASSESS EFFICACY OF THE WATERTREATMENT SYSTEM AND GENERAL SYSTEM CLEANLINESS. SAMPLI NG AND TESTINGMUST BE CARRIED OUT FOR THE PRESENCE OF BACTERIA, BOTH GENERAL (AEROBIC)BACTERIAL SPECIES AND LEGIONELLA BACTERIA.##SA MPLE SHOULD BE COLLECTED FROM EACH						

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			COOLING WATER SYSTEMS (COOLINGTOWERS AND EVAPORATIVE CONDENSERS).##SAMPLE SHOULD BE COLLECTED FROM EACH WATER SYSTEM WITH A WATERSTORAGE VOLUME OF OVER 1,000 LITERS AND WHICH PRODUCE SPRAY OR AEROSOLSUCH AS SPAS, FOUNTAIN, WATERF ALL SYSTEMS, EVAPORATIVE AIR COOLERS,MISTERS, AIR WASHERS AND HUMIDIFIERS.##THE MINIMUM RECOMMENDED SAMPLING FREQUENCY AS SHOWN BELOW: -##MICROBIOLOGICAL ANALYSIS OF WATER SAMPLES: -SAMPLES MAY BE ANALYZEDBY 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 DUBAI MUNICIPALITY (DM) STAFF.##THE CONTRACTOR IS REQUIRED TO TAKE ALL						

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			<p>PRECAUTION. SO AS NOT, DAMAGE ANY OF THE EXISTING EQUIPMENT/ STRUCTURE ETC###SHOULD WE EXPERIENCE A BREAKDOWN IN ANY OF EQUIPMENT/SYSTEM AT ANYTIME OF THE DAY OR NIGHT, YOU WILL RESPOND TO OUR REQUEST WITH YOUR 24HOURS EMERGENCY CALL OUT SYSTEM AVAILABLE 7 DAYS A WEEK ALL YEAR ROUND.RESPONDING TIME TO BREAKDOWN CALLS IS WITHIN 30 MINUTES AFTER RECEIPT OF NOTIFICATION AS PER BELOW TWO SLA CONDITIONS.##RISK ASSESSMENT, METHOD OF STATEMENT AND ACTION PLAN TO BE SUBMITTED BEFORE 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 QUARTERLY BASIS FOR OUR VERIFICATION.##THE CONTRACT PERIOD WILL START FROM THE DATE OF FIRST SERVICE/ VISIT.##IN CASE OF</p>						

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			<p>UN-SATISFACTORY PERFORMANCE, THE LPO WILL BE CANCELLED GIVING 30 DAYS# NOTICE##CONTACT PERSON FOR SITE VISIT MR. MOHIDEEN: 055 3810513, 04 3227879 AND M</p> <p>R. AKBAR ALI: 052 8682151. WATER SYSTEM TYPE, COMPONENTS, AND MINIMUM NUMBER OF WATER SAMPLES THE MINIMUM RECOMMENDED SAMPLING FREQUENCY AS SHOWN IN TABLE BELOW: PARAMETER</p> <p>#FREQUENCY #ALL WATER SYSTEM (EXPECT COOLING WATER SYSTEM) #COOLING WATER #LEGIONELLA #QUARTERLY #QUARTERLY #AEROBIC COUNT #QUARTERLY #MONTHLY #THE TESTING FOR LEGIONELLA BACTERIA MUST BE DETECTED BY CULTURE OF VIABLE ORGANISMS ACCORDING TO THE INTERNATIONAL STANDARD ISO 11731 (ENUMERATION OF LEGIONELLA) (LATEST VERSION).##THE SAMPLING METHOD SHOULD BE IN ACCORDANCE WITH BS 7592 (SAMPLING FOR LEGIONELLA BACTERIA IN WATER SYSTEM)</p>						



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			(LATEST VERSION)##THE ANALYSIS OF MICROBIOLOGICAL SAMPLES MUST 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 DUBAIMUNICIPALITY STAFF.WATER QUALITY GUIDELINE.##A DETECTABLE POPULATION OF LEGIONELLA BACTERIA IN THE WATER INDICATESTHAT THERE WILL BE A LARGER POPULATION IN SEDIMENTS AND BIOFILM WITHINTHE SYSTE M.##UNDETECTABLE LEGIONELLA BACTERIA IN THE WATER SAMPLE MAY NOTNECESSARILY INDICATE THAT THE SYSTEM IS FREE OF THESE ORGANISMS, AS THEYMAY STILL BE ATTACHED TO SURFACES.DEWA-CONFIDENTIAL##THE ANALYSIS OF MICROBIOLOGICAL SAMPLES MUST BE UNDERTAKEN BY ALABORATORY T HAT IS ACCREDITED BY THE EMIRATES						

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			INTERNATIONALACCREDITATION CENTRE (EIAC) TO PERFORM THE REQUIRED TESTING.##THE TEST RESULTS MUST B E AVAILABLE FOR INSPECTION BY THE DUBAIMUNICIPALITY STAFF.WATER QUALITY GUIDELINE.##A DETECTABLE POPULATION OF LEGIONELLA BACTERIA I N THE WATER INDICATESTHAT THERE WILL BE A LARGER POPULATION IN SEDIMENTS AND BIOFILM WITHIN THE SYSTEM.##UNDETECTABLE LEGIONELLA BACT ERIA IN THE WATER SAMPLE MAY NOTNECESSARILY INDICATE THAT THE SYSTEM IS FREE OF THESE ORGANISMS, AS THEYMAY STILL BE ATTACHED TO SUR FACES.##THE PRIMARY TOOL FOR THE CONTROL OF LEGIONELLA BACTERIA IS GOODHYGIENE PRACTICE. IT HAS BEEN FOUND TO BE VERY DIFFICULT TO M ANAGE THEMICROBIAL CHARACTERISTICS OF A COOLING WATER SYSTEM BASED ONLY ONLEGIONELLA BACTERIA-SPECIFIC DATA.##MONITORING THE OVERALL						

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			BACTERIAL LEVEL IS FAR MORE EFFECTIVE.##RECOMMENDED LIMITS FOR BACTERIAL CONTAMINATION IN (CFU/L) UNIT,ACCORDING TO THE WATER SYSTEM IN TABLE BELOW:LIMIT REFERENCE OF MICROBIAL CONTAMINATION. NO #WATER SYSTEM #MICROORGANISM #LIMIT REFERENCE #1 #COOLING W						

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 WARSAN TP ADMIN BUILDING. NOTE: M/s Water Bird is the OEM supplier

for more information contact : Mohideen - Phone : 553810513

Site Visit Date & Time 03.06.2025 09:00 AM

Payment Terms Every three months (Quarterly basis)

### **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.
- 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**