

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332502264
DATE : 09.09.2025
REQ No : 1032504273
REQ TITLE : TECHNICAL AND GENERAL
DELIVERY LOCATION
CLOSING DATE : 15.09.2025
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	<p>TECHNICAL AND GENERAL SPECIFICATION OF DFO TANK INTEGRITY ANALYSIS AT MSTATION, JEBEL ALI POWER STATION.1.#INTRODUCTION :INTEGRITY A</p> <p>NALYSIS, FITNESS FOR SERVICE ASSESSMENT, RLA AND CALIBRATIONOF DFO STORAGE TANKS & RECIRCULATION TANKS AT DEWA.</p> <p>CONDUCTINTERNAL/EXTE</p> <p>RNAL INSPECTION AND RECOMMENDED NDT ANALYSIS IN COMPLIANCETO API 653. ON THE BASIS OF FINDINGS IN NDE, FITNESS FOR SERVICEASSESSMENT</p> <p>SHALL BE CARRIED OUT AND RECOMMENDATIONS FOR REPAIR (IF ANY)SHALL BE PROVIDED.DFO STORAGE M TANKSTANK SIZE: 38500 MM ID X 19585 MM</p> <p>HIGH TYPE OF TANK: CONE ROOFCYLINDRICAL</p> <p>TANK CAPACITY (TOTAL): 22800 CU. MDESIGN CODE: API STD 650, 10TH EDITION DESIGN</p> <p>PRESSURE: AT</p> <p>MQTY 1 NOS2.#PERIOD OF WORK:4</p> <p>DAYS/STORAGE TANK3.#SCOPE OF WORK:3.1.#SCOPE OF WORK INCLUDE, BUT NOT</p>	1	EA				

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			<p>LIMITED TO THE FOLLOWING3.1.1.#THE CONTRACTOR SHALL VISIT THE SITE AND MAKE HIMSELF FULLYFAMILIAR WITH THE WORK SCOPE, PLANT ACCESS, FACILITIES, COMPLEXITIES,SAFETY MEASURES ETC., BEFORE HE SUBMIT HIS BID.3.1.2.#CHECK CONDITION SUITABLE TO CARRY OUT WORK. CONDUCT SITE SURVEYAND SAFETY INSPECTION TO ASSESS THE WORKING ENVIRONMENT.3.1.3.#IF WORKING ENVIRONMENT IS SAFE, PROCEED THE FOLLOWING STEPS.3.1.4.#MOBILIZE THE API AUTHOR IZED INSPECTOR WITH SUITABLE INSPECTIONTOOLS, PPES AND CONSUMABLES, ETC. ON 3 DAYS# NOTICE PERIOD.3.1.5.#TO PROVIDE SERVICES OF EXPE RIENCED AND CERTIFIED INSPECTORS.3.1.6.#ALL EQUIPMENT NECESSARY TO EXECUTE INSPECTION AND MEASUREMENTSHALL BE THE SCOPE OF CONTRACTO R.3.1.7.#CONTRACTOR SHALL CARRY OUT INTEGRITY ASSESSMENT, RLA & FFS3.1.8.#TO</p>						

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			COLLECT DATA ON ORIGINAL DESIGN AND FABRICATION PRACTICES, THE MATERIAL OF CONSTRUCTION, AND THE SERVICE HISTORY.3.1.9.#DEVELOP INTEGRITY MANAGEMENT PLAN (IMP)3.1.10.#PREPARE INSPECTION TEST PROTOCOL (ITP) TO IMPLEMENT IMP AND TO COLLECT NDE DATA ON PRESENT CONDITION OF THE ASSET UNDER SCOPE.3.1.11.#ITP SHALL HAVE NECESSARY INSPECTION-RELATED INFORMATION DETAILING ALL THE COMPONENTS/STRUCTURES WITHOUT ANY EXCEPTION, TO PLAN THE ACTIVITIES DURING SHUTDOWN INSPECTION.3.1.12.#A MARKUP DRAWING SHALL BE PREPARED SHOWING ALL THE CML LOCATIONS. A UNIQUE IDENTIFICATION HAS TO BE DEVELOPED FOR CMLS. COPY OF EXISTING DRAWINGS SHALL BE USED TO MARK CML POINTS.3.1.13.#ALL NDE SHALL BE IN THE SCOPE OF CONTRACTOR ALONG WITH T						

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			HEIRTEST EQUIPMENT, TOOLS, TACKLES, CONSUMABLES AND CERTIFIED PERSONNEL.COMPARISON AGAINST REQUIREMENTS PROVIDED IN THE DRAWINGS TO BE MADE BYTHE CONTRACTOR.3.1.14.#CALIBRATION OF TANK BY EODR (ELECTRO OPTICAL DISTANCE RANGING)METHOD BY AUTHORIZED PARTY.3.2.#TANK EXTERNAL OUT OF SERVICE INSPECTION:3.2.1.#THE EXTERNAL INSPECTION MUST BE CONDUCTED BY AN AUTHORIZEDINSPECTOR.3.2.2.#A COMPLETE VISU AL INSPECTION SHALL BE PERFORMED TO IDENTIFY ANYSURFACE DEFECT.3.2.3.#CHECK THE FOUNDATION, SHELL, ACCESSORIES AND ROOF.3.2.4.#THE O BSERVATIONS SHALL CONCENTRATE ON LEAKAGE FROM UNDER THEBOTTOM, SHELL SETTLEMENT, VERTICALITY, SHELL DEFORMATIONS (FLAT SPOTS,BUCKLES OR BULGES), CORROSION SPOTS ETC.3.2.5.#THE OBSERVATIONS SHOULD INCLUDE THE CONDITION						

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			<p>OF PAINT WORK,SAFETY OF STAIRS, PLATFORMS AND HANDRAILS AND PROPER FUNCTIONING OFSERVICE EQUIPMENT.3.2.6.#INSPECTION AND MONITORING ALL LEAK DETECTION SYSTEMS, CATHODICPROTECTION MONITORING EQUIPMENT OR OTHER MONITORING OR WARNING SYSTEMSWHICH MAY BE IN PLACE AT THE FACILITY.3.2.7.#WALL THICKNESS MEASUREMENT TO BE DONE FOR SHELL AND ROOF. ASUITABLE ULTRASONIC THICKNESS MEASUREMENT TECHNIQUE SHALL BE APPLIED.3.2.8.#WHEN THERE IS CONCERN TH AT THERE MAY BE CRACKING IN WELDS OR INOTHER PARTS OF THE TANK THEN THE DEFECTS SHALL BE VERIFIED BY APPLYINGAN APPROPRIATE NON-DESTRUCTIVE TESTING TECHNIQUE, E.G. RADIOGRAPHY ORULTRASONIC TEST, DYE PENETRANT OR MAGNETIC PARTICLE EXAMINATION.3.2.9.#SURFACE CORROSION, WELD DEFECTS OR COATING TO AN EXTENT,</p>						

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			WHICH COULD AFFECT THE INTEGRITY OF THE TANK SHALL BE INSPECTED BY APPROPRIATE METHODS.3.2.1 0.#THE TANK SHELL SHALL BE INSPECTED FOR SIGNS OF DEFORMATION (FLAT SPOT, BUCKLE OR BULGE), LEAKAGE OR CORROSION OF BOTTOM EDGE AND SHELL PLATES.3.2.11.#STIFFENING RINGS TO PREVENT BUCKLING DUE TO WIND LOADS AND HIGH THERMAL STRESSES AT LOW AMBIENT (WINTER) TEMPERATURES SHALL ALSO BE CHECKED.3.2.12.#IF THERE ARE INDICATIONS THAT CORROSION HAS PENETRATED THE ROOF, ACCESS TO THE ROOF SHALL BE PROHIBITED.3.2.13.#THE FOLLOWING ELEMENTS SHALL BE INSPECTED BUT NOT LIMITED TO BY AN APPROPRIATE METHOD TO ENSURE THAT THEY ARE IN GOOD CONDITION:##STRUCTURES SUPPORTING AND REINFORCING THE TANK##MEANS OF ATTACHMENT TO TANK SYSTEM##ANY SERVICE EQUIPMENT LIKE LEVEL GAUGES						

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			, EARTH LUG, BREATHERS, HEATDETECTORS, STAIRS ETC.##DRAINS, TRENCHES, DRAIN COLLECTION PIT AND INTERCEPTOR ETC.##FIREFIGHTING ACCESSORIES AND SYSTEM3.2.14.#IT SHALL ALSO INCLUDE THE CONNECTED PIPELINES AND BELLOWS FORPUNCTURE OR CRACKS.3.2.15.#THE PROPER FUNCTIONING OF EXTERNAL EQUIPMENT SUCH AS VENTS,PRESSURE/VACUUM VALVES, GAUGING DEVICES AND WATER-DRAINING EQUIPMENTSHALL BE ESTABLISHED.3.2.16.#FLEXIBLE JOINTS AND FIXED HOSES AS PART OF THE FILLING AND/ORDISCHARGING SYSTEM SHALL BE VISUALLY INSPECTED.3.2.17.#BOLTED FLANGES, CAPS TO VALVES AT BOTTOM OUTLETS SHALL BECHECKED FOR WORN THREADS AND DAMAGED GASKETS.3.2.18.#ALL SERVICE EQUIPMENT INCLUDING ANY PERMANENTLY ATTACHED HOSESSHALL BE INSPECTED IN THE MOUNTED POSITION FOR CORRECT FUNCTIONING.3.2.19.#IN ADDITION TO A						

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			<p>GENERAL INSP ECTION OF THE STEELWORK PARTICULARATTENTION SHALL BE PAID TO: SUPPORTS TO TANK SHELL, INTERMEDIATEPLATFORMS AND HAND RAILING, CONCRE TE PEDESTAL SUPPORTS FOR STAIRWAYS,THE CRACKS IN THE TANK CONCRETE FOUNDATION3.2.20.#THE PART OF THE FOUNDATION WHICH PROJECTS BEYON D THE BASE OFTHE TANK (THE SHOULDER) SHALL BE INSPECTED TO VERIFY THAT THE TANKBOTTOM SEALING IS IN GOOD CONDITION AS IT IS POSSIBLE THAT MINOR, EVENSETTLEMENT OF A TANK WILL FORM A CHANNEL AROUND THE PERIPHERY OF THETANK BOTTOM IN WHICH RAINWATER WILL COLLECT AND CAUSE SERIOUS CORROSIONOF THE BOTTOM-TO-SHELL CONNECTION.3.2.21.#THE SLOPE OF THE SHOULDER OF THE TANK CONCRETE FOUNDATIONSHOULD EN SURE GOOD DRAINAGE OF RAINWATER.3.2.22.#SHELL SETTLEMENT,</p>						

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			<p>VERTICALITY, SHELL DEFORMATIONS TO BE MEASURED 3.2.23. # OUT OF SERVICE INSPECTION REPORT TO BE FILLED ADDITION AS PER API STANDARD. 3.3. # TANK INTERNAL OUT OF SERVICE INSPECTION: 3.3.1. # DETERMINING THE CONDITION AND INTEGRITY OF THE TANK BOTTOM. 3.3.2. # THE AUTHORIZED INSPECTOR WHO IS RESPONSIBLE FOR EVALUATION OF A TANK MUST CONDUCT A VISUAL INSPECTION AND ASSURE THE QUALITY. 3.3.3. # A COMPLETE VISUAL INSPECTION SHALL BE PERFORMED TO IDENTIFY ANY SURFACE DEFECT AND SHALL TAKE A COUNT OF THE ORIGINAL SPECIFICATION. 3.3.4. # THE INSPECTION METHODS SHALL BE CAPABLE OF ASSESSING THE THICKNESS OF THE TANK BOTTOM, IN COMBINATION WITH METHODS CAPABLE OF ASSESSING TANK BOTTOM INTEGRITY. 3.3.5. # THE AUTHORIZED INSPECTOR SHALL ENSURE THE COMPETENCE OF NON DESTRUCTIVE EXAMINATION (NDE) RESULTS BY</p>						

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			<p>SUITABLE METHODS.3.3.6.#ANY LINING OR COATING SHALL BE VISUALLY INSPECTED FOR INTEGRITY.IN</p> <p>PARTICULAR BONDING DEFECTS OR DELAMINATION SHALL BE IDENTIFIED ANDRECORDED IN THE REPORT.3.3.7.#THE BOTTOM PLATE THICKNESS SHALL BE ASCERTAINED BYNON-DESTRUCTIVE TESTING LIKE ULTRASONIC TESTING, MAGNETIC FLUX LEAKAGE(MFL) TEST OR ANY OTHER SUITABLE APPROVED TECHNI</p> <p>CS.3.3.8.#GATHER THE DATA NECESSARY FOR THE MINIMUM BOTTOM AND SHELLTHICKNESS ASSESSMENTS DETAIL.3.3.9.#THE DATA AND INFORMATION COL</p> <p>LECTED SHOULD BE SUFFICIENT TOEVALUATE THE THICKNESS, CORROSION RATE, AND INTEGRITY OF THE TANK BOTTOMAND ESTABLISH THE INTERNAL INS</p> <p>PECTION INTERVAL, BASED ON TANK BOTTOMTHICKNESS, CORROSION RATE, AND INTEGRITY, UTILIZING THE</p> <p>STANDARDMETHODS.3.3.10.#THE AUTHORIZED</p>						

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			INSPECTOR WHO IS RESPONSIBLE FOR EVALUATION OF ATANK MUST ASSURE THE QUALITY AND COMPETENCE FOR THE INSPECTION METHOD.3.3.11.#THE T ANK DRAIN PIT OR SUMP PLATE THICKNESS, WELD JOINTS SHALLBE INSPECTED BY NON-DESTRUCTIVE TESTING LIKE ULTRASONIC, DYE PENETRANTOR MA GNETIC PARTICLE, PHASED ARRAY INSPECTION OR ANY OTHER SUITABLETECHNIQUES.3.3.12.#IDENTIFY AND EVALUATE ANY TANK BOTTOM SETTLEMENT.3.3.13.#THE CON						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

TECHNICAL AND GENERAL SPECIFICATION OF DFO TANK INTEGRITY ANALYSIS AT M
STATION, JEBEL ALI POWER STATION.
CONTACT PERSON: ANTON JACOB; 0554607122

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