

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332600380
DATE : 11.02.2026
REQ No : 1032600634
REQ TITLE : Internal Coating (Ceramic), E
DELIVERY LOCATION
CLOSING DATE : 17.02.2026
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	INTERNAL COATING (CERAMIC), EXTERNAL PAINTING FOR DIP1 PUMPING STATION.BASKET STRAINER SIZE: DN600, PN10 PLEASE CONTACT MR. NOOR (04-3229439) FOR FURTHER CLARIFICATIONS.SCOPE OF WORKS:1. BLASTING & INTERNAL COATING AND EXTERNAL PAINTING OF THE BUCKETSTRAINER. COATING MUST BE AS FOLLOWSSURFACE PREPARATION BEFORE APPLYING ANY COATING, THE CONTRACTOR HAS TO DO NECESSARY SURFACEPREPARATION BY SAND OR GRIT BLASTING OR ANY OTHER SUITABLE MECHANICALSYSTEM TO REMOVE ALL RUST & LOOSE MATERIALS. AFTER SAND BLASTING THECONTRACTOR HAS TO INTIMATE DEWA ENGINEER FOR INSPECTION OF THE SURFACEBEFORE APPLYING ANY COATING. DURING SANDBLASTING IT IS REQUIRED TO PROTECT ALL MACHINED SURFACE, SEAT AREA AND ALL OTHER CRITICAL AREAS ANDPARTS FROM DAMAGE BY SUITABLE METHOD.BUILDUP/ FILLING OF	4	EA				

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			<p>ERODED/PITTED SURFACE THE SUPPLIER HAS TO BUILDUP ERODED SURFACE BY SUITABLE COMPOSITE MATERIALS UP TO ORIGINAL LEVEL BEFORE APPLYING ANY COATING. THE COMPOSITE MATERIAL SHALL HAVE THE FOLLOWING PROPERTIES:#THE CURRIED COMPOSITE MUST BE SUITABLE FOR CONTINUOUS IMMERSION IN THE FOLLOWING CHEMICALS AT 21 0C (70 0F): FERRIC CHLORIDE, 10% HYDROCHLORIC ACID, 10% SULFURIC ACID, 5% NITRIC ACID, 50% SODIUM HYDROXIDE AND 28% AMMONIUM HYDROXIDE.#THE COMPOSITE SHALL SHOW NO BLISTERS WHEN EXPOSED TO DE-MINERALIZED WATER IN AN ASTM C 868 CORROSION TEST AT 43 0C (110 0 F) FOR A MINIMUM PERIOD OF 6 MONTHS.#ADHESION OF THE COMPOSITE PER ASTM D1002 SHALL BE GREATER THAN 183KG/CM² (2,600 PSI).#THE CURVED COMPOSITE MUST MEET OR EXCEED THE FOLLOWING</p>						

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			<p>PHYSICAL REQUIREMENTS: COMPRESSIVE STRENGTH (ASTM D 695) 914 KG/CM² (13,000 PSI). TENSILE STRENGTH (ASTM D 638) 431 KG/CM² (6,136 PSI). FLEXURAL STRENGTH (ASTM D 790) 620 KG/CM² (8,800 PSI). FLEXURAL MODULUS (ASTM D 790) 6.9 X 104 KG/CM² (9.87 X 105 PSI). DURING THE PHASES OF SURFACE PREPARATION, APPLICATION, AND CURING, ENVIRONMENTAL CONDITIONS WILL REQUIRE CAREFUL MONITORING AND MAY REQUIRE SUPPLEMENTAL CONTROLS. CRITICAL AREAS OF CONCERN ARE RELATIVE HUMIDITY, DEW POINT, SURFACE TEMPERATURE OF THE SUBSTRATE, AND AIR PURITY. CONTRACTOR SHALL CARRY OUT ALL THE PROCEDURES IN A CONTROLLED ENVIRONMENT IN ACCORDANCE WITH THE LATEST STANDARDS AND PROCEDURES. FINAL INTERNAL COATING AFTER SURFACE PREPARATION AND FILLING UP THE ERODED SURFACE IT IS REQUIRED TO APPLY THE CERAMIC REINFORCED COMPOSITE MATERIALS</p>						

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			FOR FINAL COATING. THE COMPOSITE COATING MATERIALS SHALL HAVE FOLLOWING PROPERTIES: # THE CURED COMPOSITE MUST BE SUITABLE FOR CONTINUOUS IMMERSION IN THE FOLLOWING CHEMICALS AT 210C(700F): F ERIC CHLORIDE, 10% HYDROCHLORIC ACID, 10% SULFURIC ACID, 5% NITRIC ACID, 50% SODIUM HYDROXIDE AND 28% AMMONIUM HYDROXIDE. # THE COMPOSITE MUST EXCEED 10,000 HRS IN AN ASTM B 117 SALT FOG TEST(SCORED) WITH NO SIGNS OF UNDER FILM CORROSION AT THE SCORE. # THE COMPOSITE MUST PASS ASTM G 8 CATHODIC DISBANDMENT TEST FOR NOT LESS THAN 60 DAYS. # THE COMPOSITE SHALL SHOW NO BLISTERS WHEN EXPOSED TO DEMINERALIZED WATER IN AN ASTM C 868 CORROCELL TEST AT 430C (1100F) FOR A MINIMUM PERIOD OF 6 MONTHS. # ADHESION OF THE COMPOSITE PER ASTM D 4541 SHALL BE GREATER THAN 140KG/CM2 (2,000						

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			PSI).#THE LINEAR CO-EFFICIENT OF THERMAL EXPANSION (ASTM C 531) SHALL NOT EXCEED 5.0 X 10-5 CM/CM/0C (2.8 X 10-5 IN/IN/0F).#THICKNESS OF COATING 800-1000 MICRONS.#SURFACE FINISHING OF THE COATING SHALL BE SMOOTH GLASS SURFACE FINISHED AND ABRASION RESISTANT.#THE CURED COMPOSITE MUST MEET OR EXCEED THE FOLLOWING PHYSICAL REQUIREMENTS: COMPRESSIVE STRENGTH: (ASTM D 695) 844 KG/CM ² (12,000 PSI).#TENSILE STRENGTH: (ASTM D 638) 240 KG/CM ² (3,420 PSI).#FLEXURAL STRENGTH: (ASTM D 790) 562 KG/CM ² (8,000 PSI).#THE COMPOSITE SHALL BE AUTHORIZED FOR USDA APPLICATION FOR INCIDENTAL FOOD CONTACT.#THE COMPOSITE IS REQUIRED TO HAVE POTABLE WATER CERTIFICATION FROM INTERNATIONAL/LOCAL AUTHORITIES, WRAS (WATER REGULATORY ADVISORY SOCIETY).#EXTERNAL COATING EPOXY POWDER COATING/PAINTING IN BLUE COLOUR AT LEAST 300-400 MICRON THICK						

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			FOR THE VALVES. ALL NECESSARY SURFACES PREPARATIONS TO BE DONE BEFORE COATING.FOLLOWING SHALL BE SUBMITTED TO DEWA1. MATERIAL DATA SHEET.2.#PHOTO OF BUCKET STRAINER BEFORE AND AFTER COATING.3.#WARAS CERTIFICATE FOR COATING MATERIALS.4.#ALL TEST REPORTS.THE SUPPLIER HAS TO PROVIDE AT LEAST 24 MONTHS OF SERVICE WARRANTY AGAINST ANY DAMAGE/ DEFECTS FOR THE COATING.						
2		ITEM-00002	FABRICATION & INSTALLATION OF SS316 PERFORATED MESH OF BASKET STRAINER FOR DIP1 PUMPING STATION.(AS PER SAMPLE) BUCKET STRAINER SIZE: DN600, PN10 PLEASE CONTACT MR. NOOR (04-3229439) FOR FURTHER CLARIFICATIONS.SCOPE OF WORKS:1. FABRICATION & REPLACEMENT OF SS316 STRAINER MESH PERFORATED (SIZE:DN600, L-1100MM, HOLE SIZE 3MM AND SHEET THICKNESS SHALL BE 2MM)2. MATERIAL CERTIFICATE SHALL BE PROVIDED	5	EA				

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			ED AND ORIGIN SHALL EU/US3. FABRICATION/WELDING METHODOLOGY SHALL BE SUBMITTED4. WARRANTY 2YEARS						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

SPECIAL NOTES / INSTRUCTIONS:

Internal Coating (Ceramic), External Painting and Replacement of SS316

Perforated Mesh of Basket Strainer for DIP1 Pumping Station.

Basket Strainer Size: DN600, PN10

Please contact Mr. Noor (04-3229439) for further clarifications.

Md.NoorUddin@dewa.gov.ae

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
- 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.

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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.

SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP