

## REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

**RFQ NUMBER** : 2332501646  
**DATE** : 01.07.2025  
**REQ No** : 1032503061  
**REQ TITLE** : Butterfly valves complete ove  
**DELIVERY LOCATION**  
**CLOSING DATE** : 07.07.2025  
**CLOSING TIME** : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	OVERHAULING, REPAIRING, AND COATING OF DN500 (1 NO.) AND DN600 (1 NO.)PN16 BUTTERFLY VALVE - DOUBLE ECCENTRICFOR FURTHER CLARIFICATI ON, PLEASE CONTACT MR. DHRUBA (04-3229450).1.0 SCOPE OF WORKTHE DN600 PN16 BUTTERFLY VALVE IS NOT FUNCTIONING PROPERLY. DEWA INTENDS TO OUTSOURCE THE REPAIR AND COATING WORK TO A REPUTED LOCAL CONTRACTOR.DETAILS OF THE BUTTERFLY VALVE:#MAKE: XXXXX.#NOMINAL DIAMETE R: DN600.#PRESSURE RATING: PN16SCOPE OF WORK:A. COMPLETE REPAIR AND OVERHAUL OF THE BUTTERFLY VALVE.B. REPLACEMENT OF ALL DEFECTIVE COMPONENTS, SUCH AS O-RINGS AND SHAFTKEYS.C. REPLACEMENT OF SEALING RINGS AND BUSHINGS, IF NECESSARY.D. INSPECTION OF THE DRIVE SHAF T AND SHORT SHAFT FOR ALIGNMENT, WITHREPAIRS IF NEEDED.E. REPAIR AND OVERHAUL OF THE GEARBOX, INCLUDING	2	SET				

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			REPLACEMENT OF REQUIRED PARTS .F. FUNCTIONAL AND PRESSURE TESTING OF THE BUTTERFLY VALVE AT THE CONTRACTOR'S FACILITY.G. OPERATIONAL TESTING OF THE REPAIRED BUTTERFLY VALVE ONCE INSTALLED IN THE DEWA PIPELINE.2.0 PRE-QUOTATION REQUIREMENTS BEFORE SUBMITTING A QUOTATION, THE CONTRACTOR MUST:A. CONDUCT A SITE VISIT TO FULLY UNDERSTAND THE SCOPE, COMPLEXITIES, AND REQUIREMENTS OF THE WORK.B. ACKNOWLEDGE THAT DEWA WILL NOT ACCEPT ANY CLAIMS FOR ADDITIONAL COSTS BEYOND THE QUOTED RATES DURING OR AFTER EXECUTION.C. SUBMIT A DETAILED TIME SCHEDULE OR BAR CHART OUTLINING ALL ACTIVITIES.D. PROVIDE A COMPLETED INSPECTION CHECKLIST AND QUALITY PROCEDURE DOCUMENTATION UPON WORK COMPLETION.3.0 COMPLETION AND ACCEPTANCE UPON COMPLETION OF ALL CONTRACTUAL WORK, THE CONTRACTOR MUST						

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			<p>NOTIFY DEWAIN WRITING. DEWA WILL CONDUCT A FINAL INSP ECTION AND ISSUE A CERTIFICATEOF COMPLETION ONLY AFTER ENSURING ALL REQUIRED CONDITION MONITORINGCHECKS ARE SATISFACTORY.4.0 WARRANTY YA. ALL WORK PERFORMED WILL CARRY A WARRANTY FOR EITHER 8,000 HOURS OFOPERATION OR ONE YEAR, WHICHEVER COMES FIRST.B. THE WARRANTY W ILL COMMENCE FROM THE DATE DEWA TAKES OVER THECOMPLETED WORK.C. ANY DEFECTS IDENTIFIED DURING THE WARRANTY PERIOD MUST BE RECTIFIEDB Y THE CONTRACTOR AT NO ADDITIONAL COST AND WITHIN A TIME FRAMESPECIFIED BY DEWA.5.0 DOCUMENTATIONUPON SATISFACTORY COMPLETION AND HA NDOVER, THE CONTRACTOR MUST PROVIDETHE FOLLOWING DOCUMENTS TO DEWA:.#INSPECTION REPORT.#REPAIR/ACTION REPORT.#METHOD STATEMENT FOR THE REPAIR WORK.#BEFORE-AND-AFTER</p>						

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			<p>PHOTOGRAPHS OF THE VALVE COMPONENTS.#ALL TEST REPORTS.SPECIFICATIONS FOR INTERNAL COATING OF VA</p> <p>LVE1.1 SURFACE PREPARATION.#SURFACE PREPARATION MUST INCLUDE SAND OR GRIT BLASTING, OR ANEQUIVALENT MECHANICAL METHOD, TO REMOVE RUST AND LOOSE MATERIALS.#AFTER BLASTING, DEWA ENGINEERS MUST INSPECT THE SURFACE BEFOREAPPLYING THE COATING.#PROTECT ALL MACHINED SURFACES, SEATING AREAS, AND CRITICAL PARTSDURING THE BLASTING PROCESS.1.2 BUILDUP OF ERODED/PITTED SURFACESCONTRACTORS MUST RESTORE ERODED SURFACES USING SUITABLE COMPOSITE MATERIALS. THE MATERIAL MUST MEET THE FOLLOWING PROPERTIES:#RESISTANT TO CONTINUOUS IMMERSION IN SPECIFIED CHEMICALS AT 21°C(70°F).#NO BLISTERING IN DEMINERALIZED WATER TESTS (ASTM C 868) FOR SIXMONTHS AT 43°C</p>						

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			(110°F).#ADH ESION STRENGTH GREATER THAN 183 KG/CM <sup>2</sup> (2,600 PSI) AS PER ASTMD1002.#PHYSICAL PROPERTIES EXCEEDING THE FOLLOWING:O#COMPRESSIVE STRE NGTH (ASTM D695): 914 KG/CM <sup>2</sup> (13,000 PSI).O#TENSILE STRENGTH (ASTM D638): 431 KG/CM <sup>2</sup> (6,136 PSI).O#FLEXURAL STRENGTH (ASTM D790): 62 0 KG/CM <sup>2</sup> (8,800 PSI).ENVIRONMENTAL CONDITIONS SUCH AS HUMIDITY, DEW POINT, SUBSTRATE SURFACETEMPERATURE, AND AIR PURITY MUST BE CARE FULLY MONITORED.1.3 FINAL INTERNAL COATINGAPPLY A CERAMIC-REINFORCED COMPOSITE MATERIAL WITH THE FOLLOWINGPROPERTIES:#CONTINUOUS IM MERSION RESISTANCE TO SPECIFIED CHEMICALS AT 21°C(70°F).#EXCEEDS 10,000 HOURS IN ASTM B117 SALT FOG TESTING WITHOUT UNDER-FILMCORRO SION.#PASSES ASTM G8 CATHODIC DISBANDMENT TESTS (MINIMUM 60 DAYS).#COATING THICKNESS:						

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			<p>400#500 MICRONS..#SMOOTH, GLASS-LIKE ABRASIO</p> <p>N-RESISTANT SURFACE FINISH.1.4 EXTERNAL COATINGAPPLY A BLUE EPOXY POWDER COATING (300#400 MICRONS THICK) AFTERNECESSARY SURFACE PREP</p> <p>ARATION.6.0 WARRANTY FOR COATINGTHE CONTRACTOR MUST PROVIDE A 24-MONTH WARRANTY FOR COATING AGAINSTDAMAGE OR DEFECTS. IF THE COATING FAILS WITHIN THIS PERIOD, THECONTRACTOR MUST REAPPLY THE COATING AT NO ADDITIONAL COST TO DEWA.7.0 METHOD STATEMENTTHE CONTRACTOR M</p> <p>UST SUBMIT A METHOD STATEMENT DETAILING THE COATINGPROCESS AND MATERIALS FOR TECHNICAL EVALUATION AND APPROVAL.8.0 INSPECTION AND RE</p> <p>PORTING8.1 INSPECTION AT SUPPLIER WORKSHOPDEWA ENGINEERS WILL INSPECT THE COATED VALVES AT THE SUPPLIER#S WORKSHOPBEFORE DELIVERY. T</p> <p>HE CONTRACTOR MUST PROVIDE ALL NECESSARY</p>						

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			INSPECTION TOOLS.8.2 REPORTS AND DOCUMENTS UPON DELIVERY, THE FOLLOWING DOCUMENTS MUST BE SUBMITTED:1.#MATERIAL DATA SHEET.2.#BEFORE-AND-AFTER PHOTOGRAPHS OF THE VALVE.3.#WRAS CERTIFICATION FOR COATING MATERIALS.4.#ALL TEST REPORTS.FOR MORE INFORMATION AND DETAILS PLEASE CONTACT: SUHAIL.ALABLAM SUHAIL.ALABLAM@DEWA.GOV.AE 043220303						
2		ITEM-00002	LINE BORING AND REPLACEMENT OF SHAFT SLEEVES FOR DN500 (1 NO.) AND DN600(1 NO.) PN16 BUTTERFLY VALVE FOR FURTHER CLARIFICATION, PLEASE CONTACT MR. DHRUBA (04-3229450).SCOPE OF WORK1.#PERFORM LINE BORING ON THE VALVE SLEEVE AREAS AND INSTALL NEWSLEEVES ON BOTH ENDS OF THE VALVE.2.#REASSEMBLE THE COMPLETE VALVE.3.#CONDUCT HYDROSTATIC TESTING OF THE VALVE TO ENSURE FUNCTIONALITY AND INTEGRITY.4.#PR	2	EA				

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			OVIDE A WARRANTY FOR A PERIOD OF TWO YEARS.						
3		ITEM-00003	MACHINING AND REPLACEMENT OF RETAINING RING FOR DN500 (1 NO.) AND DN600(1 NO.) PN16 BUTTERFLY VALVEFOR FURTHER CLARIFICATION, PLEASE CONTACT MR. DHRUBA (04-3229450).SCOPE OF WORK1.#MACHINE AND REPLACE THE VALVE RETAINING RING.2.#REASSEMBLE THE COMPLETE VALVE.3.#PE RFORM HYDROSTATIC TESTING OF THE VALVE TO ENSURE FUNCTIONALITY ANDINTEGRITY.4.#PROVIDE A WARRANTY FOR A PERIOD OF TWO YEARS.	2	SET				
4		ITEM-00004	MACHINING AND REPLACEMENT OF SEAT RING FOR DN500 (1 NO.) AND DN600 (1NO.) PN16 BUTTERFLY VALVEFOR FURTHER CLARIFICATION, PLEASE CONT ACT MR. DHRUBA (04-3229450).SCOPE OF WORK1.#MACHINE AND REPLACE THE VALVE SEAT RING (SS316L).2.#REASSEMBLE THE COMPLETE VALVE.3.#CON DUCT HYDROSTATIC TESTING OF THE VALVE TO	2	EA				



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			ENSURE PROPERFUNCTIONALITY AND INTEGRITY.4.#PROVIDE A WARRANTY FOR A PERIOD OF TWO YEARS.						

TOTAL AMOUNT IN WORDS:

TOTAL AMOUNT:

### SPECIAL NOTES / INSTRUCTIONS:

Butterfly valves complete overhauling - Habab PH1 Dn500 and Mushrif  
Dn600 (Double Eccentric)

### 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.
- 5) The offered product and/ or services in the Quotation, shall be conforming and in accordance with DEWA Energy Management Policy & EnMS Manual.

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**SUPPLIER'S REMARKS :**

**SUPPLIER'S SIGNATURE AND STAMP**