

## REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

**RFQ NUMBER** : 2332600364  
**DATE** : 09.02.2026  
**REQ No** : 1032600605  
**REQ TITLE** : E-BPST7 IAC Flywheel Dynamic  
**DELIVERY LOCATION**  
**CLOSING DATE** : 13.02.2026  
**CLOSING TIME** : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	SCOPE OF WORKDYNAMIC BALANCING OF INSTRUMENT AIR COMPRESSOR FLYWHEEL1. OBJECTIVETHE OBJECTIVE OF THIS SCOPE OF WORK IS TO PERFORM DYNAMIC BALANCING OFTHE INSTRUMENT AIR COMPRESSOR FLYWHEEL IN ORDER TO REDUCE VIBRATIONLEVELS, IMPROVE OPERATIONAL RELIABILITY, EXTEND EQUIPMENT LIFE, ANDENSURE COMPLIANCE WITH APPLICABLE BALANCING AND VIBRATION STANDARDS.2. EQUIPMENT DESCRIPTION-#EQUIPMENT: INSTRUMENT AIR COMPRESSOR FLYWHEEL-#MATERIAL: CAST IRON-#OPERATING / BALANCING SPEED: 700 RPM-#LOCATION: INSTALLED AT SITE (IN-SITU) / WORK SHOP (AS APPLICABLE)-#MOUNTING: SHAFT-MOUNTED FLYWHEEL3. SCOPE OF WORKTHE CONTRACTOR SHALL PROVIDE ALL SUPERVISION, MANPOWER, TOOLS, INSTRUMENTS, CONSUMABLES, AND EXPERTISE REQUIRED TO COMPLETE THEFOLLOWING ACTIVITIES RELATED ONLY TO THE FLYWHEEL:3.1	1	AU				

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			<p>PRE-BALANCING ACTIVITIES.#REVIEW OF AVAILABLE EQUIPMENT DATA, DRAWINGS, AND APPLICABLESTANDARDS.#SITE INSPECTION TO ASSESS FLYWHEEL CONDITION, MO UNTING, ANDACCESSIBILITY.#VISUAL INSPECTION OF THE FLYWHEEL FOR CRACKS, SURFACE DEFECTS,LOOSENESS, AND KEY FITMENT.#BASELINE VIBRA TION MEASUREMENTS RELATED TO THE FLYWHEEL.#CONFIRMATION OF BALANCING APPROACH PRIOR TO EXECUTION.3.2 DYNAMIC BALANCING ACTIVITIES.# PERFORM DYNAMIC BALANCING OF THE FLYWHEEL AT 700 RPM.#BALANCING SHALL BE CARRIED OUT IN-SITU UNLESS OTHERWISE SPECIFIED.#IDENTIFIC ATION OF UNBALANCE MAGNITUDE AND ANGULAR POSITION USINGCALIBRATED VIBRATION MEASUREMENT INSTRUMENTS.#DECISION ON METAL REMOVAL OR M ETAL ADDITION SHALL BE TAKEN DURINGEXECUTION, BASED ON SITE CONDITIONS</p>						

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			AND BALANCING RESULTS.#SECURE APPLICATION OF CORRECTION WEIG HTS OR CONTROLLED MATERIALREMOVAL AS REQUIRED.#RE-RUN AND FINE-TUNING UNTIL ACCEPTABLE VIBRATION LEVELS AREACHIEVED.3.3 POST-BALANC ING ACTIVITIES.#FINAL VIBRATION MEASUREMENTS AND COMPARISON WITH BASELINE READINGS.#VERIFICATION THAT ACHIEVED VIBRATION LEVELS MEE T ACCEPTANCE CRITERIA.#FINAL INSPECTION OF FLYWHEEL AND CORRECTION POINTS AFTER COMPLETION.#RESTORATION OF THE SYSTEM TO NORMAL OP ERATING CONDITION.4. STANDARDS AND ACCEPTANCE CRITERIABALANCING SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING STANDARD:#ISO 1 940-1:2003 # BALANCE QUALITY REQUIREMENTSACCEPTANCE CRITERIA:#BALANCE QUALITY GRADE TO BE ACHIEVED: G 2.5#VIBRATION LEVELS SHALL B E WITHIN PERMISSIBLE LIMITS AS PER THE						

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			<p>ABOVE STANDARD. #NO ABNORMAL NOISE, RESONANCE, OR INSTABILITY RELATED TO THE FLYWHEEL OPERATION</p> <p>5. DELIVERABLES THE CONTRACTOR SHALL SUBMIT A DETAILED REPORT INCLUDING: #PRE- AND POST-BALANCING VIBRATION DATA #BALANCING DETAILS AND CORRECTION METHOD ADOPTED #FINAL CONFIRMATION OF ACHIEVED BALANCE GRADE (G 2.5) #CALIBRATION CERTIFICATES OF MEASURING INSTRUMENTS</p> <p>TS #JOB COMPLETION SUMMARY AND OBSERVATIONS, IF ANY</p> <p>6. SAFETY AND COMPLIANCE #ALL ACTIVITIES SHALL BE CARRIED OUT IN ACCORDANCE WITH SITE SAFETY RULES AND PERMIT-TO-WORK SYSTEMS. #USE OF APPROPRIATE PPE BY ALL PERSONNEL IS MANDATORY. #LOCKOUT/TAGOUT PROCEDURES SHALL BE FOLLOWED DURING PREPARATION AND EXECUTION. #COMPLIANCE WITH APPLICABLE STATUTORY AND PLANT SAFETY REGULATIONS IS REQUIRED.</p> <p>7. EXCLU</p>						

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			SIONS (UNLESS SPECIFICALLY STATED).#MECHANICAL REPAIRS BEYOND BALANCING ACTIVITIES.#REPLACEMENT OF BEARINGS, SHAFTS, OR COUPLINGS.#FLYWHEEL REDESIGN OR STRUCTURAL MODIFICATION.#SUPPLY OF SPARE PARTS.#CIVIL OR STRUCTURAL WORKS8. RESPONSIBILITIESCONTRACTOR:.#EXECUTION OF FLYWHEEL BALANCING ACTIVITIES AS PER THIS SCOPE.#PROVISION OF QUALIFIED PERSONNEL AND CALIBRATED INSTRUMENTS.#SUBMISSION OF COMPLETE TECHNICAL DOCUMENTATIONCLIENT:.#PROVISION OF SAFE ACCESS, UTILITIES, AND NECESSARY OPERATIONALSUPPORT.#EQUIPMENT SHUTDOWN AND START-UP COORDINATION.#APPROVAL OF WORK PERMITS AND REPORTS						

TOTAL AMOUNT IN WORDS:

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

E-BPST7 IAC Flywheel Dynamic Balancing

**MATERIAL AND OR SERVICE PROVIDED TO DEWA SHOULD PREFERABLY BE ENERGY EFFICIENT AND ENVIRONMENT FRIENDLY.**

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Contact mahmood.mohammad@dewa.gov.ae Tel: 04-3226177 / 0504231413

### **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.
  - 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**