



جامعة السلطان قابوس
Sultan Qaboos University

Requisition Form

Requisition Number: 1234/26/0043

Last Date for Submission: 01/06/2026

S.N.	SQU Product Code	Description	Qty	UOM	Remarks
1	false	Research Vessel	1	Units	<p>Research Vessel</p> <p>1. Principal Particulars -Length Overall (LOA): 20–22 m -Beam: 4–6 m -Maximum Draft: < 2.5 m -Cruising Speed: 10–25 knots -Operational Range: 500 nautical miles at economical cruising speed with 10% fuel reserve remaining -Endurance: Vessel systems and stores shall allow minimum three (3) days continuous operation at sea with full complement -Operational Capability: Vessel shall be capable of safe operation in Sea State 5 -Aft Working Deck Area: 25–35 m² with maximum shaded working area -Crew: 1 Captain + 1 Engineer -Scientific Personnel: up to 17 persons (Day Operations) -Overnight Accommodation: 4–6 persons</p> <p>2. Classification and Standards The vessel shall be designed, constructed, and certified under the rules of a recognized classification society such as:</p> <ul style="list-style-type: none">• DNV• ABS• Lloyd's Register <p>The vessel shall comply with:</p> <ul style="list-style-type: none">• SOLAS safety regulations• MARPOL environmental regulations• Oman maritime regulations• Telecommunication regulations of Oman TRA <p>3. Deck Handling Equipment The vessel shall be fitted with the following deck handling equipment:</p> <ul style="list-style-type: none">-A-Frame<ul style="list-style-type: none">• Hydraulically operated stern A-frame• Safe Working Load

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					<p>(SWL): 2–3 tonnes</p> <ul style="list-style-type: none"> • Used for trawl deployment/recovery dredges and benthic frames Scientific equipment and heavy sampling gear <p>-Multi-Role Deck Crane</p> <ul style="list-style-type: none"> • Knuckle boom crane • SWL: 1–2 tonnes at 6–8 m outreach used for: loading/unloading gear, handling sampling frames, deploying passive gear, positioned to serve working deck and stern <p>-Auxiliary Davit</p> <ul style="list-style-type: none"> • SWL: 0.5–1 tonne • Used for CTD deployment and small equipment <p>-Oceanographic winch</p> <ul style="list-style-type: none"> • Variable speed oceanographic winch for deployment of heavy oceanographic equipment like Rossets, lowered adcps to depths between 500 to1000 m. <p>-Electric Fast Hoist</p> <ul style="list-style-type: none"> • SWL: 300 kg <p>-Dive platform</p> <ul style="list-style-type: none"> • Foldable with dive ladder <p>-Scuba cylinder holders</p> <ul style="list-style-type: none"> • Foldable <p>-Central Hydraulic System</p> <ul style="list-style-type: none"> • HPU supplying: Trawl winch, A-frame, Pot/line hauler, designed for simultaneous operation of 2 systems <p>4. Propulsion and Machinery</p> <p>The vessel shall be fitted with a dedicated machinery space (engine room) housing the main propulsion engines, generator, pumps, and associated auxiliary systems. The machinery space shall allow safe access for inspection, maintenance, and operation in accordance with classification society requirements.</p> <p>The vessel shall be fitted with twin diesel engines. Preferred engine manufacturers:</p> <ul style="list-style-type: none"> • Caterpillar • Yanmar • Cummins • Volvo <p>-----</p>

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					<p>Trials and Acceptance</p> <p>The following acceptance tests shall be performed:</p> <ul style="list-style-type: none"> • Factory Acceptance Tests (FAT) • Harbour Acceptance Tests (HAT) • Sea Acceptance Tests (SAT) <p>-Sea trials shall demonstrate:</p> <ul style="list-style-type: none"> • Speed performance • Vessel maneuverability • Operational capability • System functionality <p>-High Ambient Temperature Performance Verification:</p> <ul style="list-style-type: none"> • Sea acceptance trials shall demonstrate that the vessel's propulsion, cooling systems, electrical systems, and HVAC systems perform satisfactorily under high ambient temperature conditions representative of the Gulf region. • Where practical, sea trials shall be conducted under ambient temperatures approaching 40–50° C. If trials are conducted under lower ambient temperatures, the builder shall provide engineering verification and guarantees demonstrating that all systems will operate within design limits under the specified high-temperature operating conditions. <p>Documentation and Delivery</p> <p>The builder shall provide:</p> <ul style="list-style-type: none"> • Vessel stability booklet • Vessel drawings • Machinery manuals with schedule of maintenance • Electrical schematics • Spare parts list <p>The builder shall also provide crew training for operation of vessel systems.</p> <p>Optional Features</p> <p>Optional equipment may include:</p> <ul style="list-style-type: none"> • Gyroscopic stabilization system (Seakeeper or equivalent) • Bow thruster • Second generator • Loiter capability • Portable or fixed fender systems • Onboard 3-year spare parts package provided with vessel on delivery <p>Submission</p> <p>Bidders are required to provide a brief capabilities package including:</p> <ul style="list-style-type: none"> • General Arrangement

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					<p>(GA): Drawings of relevant proven vessel designs.</p> <ul style="list-style-type: none"> • Track Record: A list of sister-ships or similar vessels already in operation. • Estimated Build Time: Timeframe milestones of project delivery. • Regional Partnerships: Your experience working with shipyards in the Oman/GCC/middle east region. • A detailed breakdown of total cost illustrating cost of machinery, required equipment, and optional items. <p>IMPORTANT NOTE: Please contact us for the other details and requirements (such as Fishing and Sampling Equipment, Hull and Structural Construction, Accommodation – General Cabin, Deck Layout and Working Areas, Scientific Facilities, Electrical Systems, Fuel and Fluid Systems, Navigation and Survey Equipment, Safety Systems, etc.) on the contacts below:</p> <p>Farid Al Abdali College of Agriculture MARINE SCIENCE & FISHERIES DEPT farid@squ.edu.om</p> <p>Dr. Hussein Al-masroori College of Agriculture MARINE SCIENCE & FISHERIES DEPT masroori@squ.edu.om</p> <p>Eng. Sulaiman Al Azri Technical Services Department sulaiman87@squ.edu.om Mobile: +968 9989 6221 Office: +968 2414 2722</p> <p>Terms and Conditions: The quotation must include the following details:</p> <ol style="list-style-type: none"> 1. Warranty period. 2. Delivery period after design approval. Delivery to Al Mouj Marina 3. Price List for the major spare parts and PM. 4. Cost of maintenance visit per day after the warranty period expires. 5. Submission a copy of an Operation; Service manuals at the installation time. 6. Back up/spare parts support up

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					<p>to the 10th year.</p> <p>7. Details of any pre-installation requirements (attached with offer).</p> <p>8. Manufacturing date certificate from the manufacturer.</p> <p>9. Delivery, Installation, commissioning; on-site training to be done by the supplier.</p> <p>*Note:</p> <ul style="list-style-type: none">- Bid evaluation criteria will be subjected to; Price, specifications, warranty period, fast delivery, known brand; after-sales technical support.- Since this is a non-profit organization and the item to be used for educational purposes, a maximum discount should be given as far as possible.