Scope

The American University of Beirut (AUB) hereby solicits your offer for the RFQ 851872 titled "NB-PS-Consulting-Environmental-Technical Assessment of the BiClean Facility" as per below details:

Background Information:

The Environment and Sustainable Development Unit (ESDU) at the American University of Beirut (AUB), within the framework of the MEDWISE project, co-funded by the European Union under the Interreg NEXT MED Programme, is seeking to contract a qualified technical company or individual consultant to conduct a technical assessment of the BiClean membrane composting facility located in Bikfaya, Lebanon.

The composting facility consists of four independently aerated membrane-covered composting tunnels, including ventilation systems, process-control instrumentation, leachate collection infrastructure, electrical control panels, and laboratory testing equipment. Following a prolonged period of inactivity, the assessment shall evaluate the operational condition, functionality, and rehabilitation requirements of the facility.

We appreciate submitting your competitive offer by **July 23, 2026 before 1:00 pm** Lebanon Time on Online Sourcing Module as directed herein.

Detailed Scope of Work:

The selected bidder shall perform a comprehensive technical inspection including, but not limited to, the following:

- **Control Panels and Electrical Systems:** Inspect PLC panels, HMI interfaces, breakers, contactors, relays, wiring, junction boxes, plugs, and electrical safety conditions. Verify power supply continuity and functionality of the automation system.
- **Ventilation and Aeration Systems:** Assess the operation and condition of ventilation fans, dampers, aeration ducts, pressure indicators, manifolds, and associated piping. Verify airflow performance and motor operation.
- **Sensors and Instrumentation:** Test and validate temperature, oxygen, humidity, and pressure sensors, including communication with the control system and calibration status.
- **Leachate Collection and Pumping System:** Inspect the leachate sump, submerged pump, float switches, piping, valves, and discharge lines. Diagnose any existing control-board alarm or malfunction.

- **Structural and Membrane Inspection:** Inspect membrane covers, fixation systems, composting boxes, aeration slot covers, sidewalls, and concrete structures for wear, cracking, clogging, or damage.
- **Laboratory Equipment Assessment:** Verify the operational condition, calibration, and electrical safety of laboratory equipment including balances, drying ovens, muffle furnace, freezer, and accessories.
- **Operational and Safety Review:** Assess operational procedures, maintenance practices, PPE availability, and compliance with health and safety requirements.
- **Mobile Equipment and Conveyor Belt Mechanical Assessment:** Inspect the available Bobcat/skid-steer loader and conveyor belts for mechanical integrity, operational performance, hydraulic system condition, engine status, transmission, tires/tracks, bearing wear, belt alignment, rollers, motors, lubrication points, structural corrosion, and electrical safety. Verify maintenance history, identify defective components, and provide recommendations for servicing, repair, or replacement to ensure safe operational readiness.

Expected Deliverables

- Detailed technical assessment report covering all inspected systems and equipment.
- Identification of faults, operational risks, and maintenance requirements.
- Recommendations for repair, replacement, calibration, cleaning, or optimization.
- Estimated costs and implementation priorities for corrective actions, where applicable.
- Photographic documentation of deficiencies and observations.
- Mechanical condition assessment summary for the Bobcat/skid-steer loader and conveyor belt systems, including maintenance recommendations and spare-parts requirements.

Location: BiClean Facility, Bikfaya, Lebanon.

Duration: One Month

Technical Requirements

If individual:

- Minimum 5 years of experience in waste management or composting systems.
- Expertise in electrical systems, PLC controls, ventilation systems, and instrumentation.
- Availability of qualified technical personnel for field inspection and testing.
- Previous experience in rehabilitation or assessment of environmental facilities is preferred.

If Company:

- Proven experience in technical assessment of environmental or waste management systems
- Company profile/ portfolio and relevant experience

- At least three similar assignments have been completed within the past five years.
- Availability of multidisciplinary expertise including mechanical, electrical, instrumentation, and environmental/process engineering.
- Proven ability to support large-scale or multi-site deployments, including performance optimization and security considerations.
- Experience developing AI or digital solutions in health, emergency management, disaster risk reduction (DRR), or disaster management contexts (Desirable).
- Familiarity with public-sector, humanitarian, or crisis-response environments is an asset.
- Demonstrated capacity to maintain, update, and support software solutions beyond initial development.
- Ability to collaborate in transnational multidisciplinary teams.

Technical Documents

- Technical methodology and tentative implementation schedule.
- Description of the technical team and qualifications.

Financial Proposal

Financial proposal to be priced in US Dollars including all costs; excluding Lebanese VAT.

Participation to Bid

Suppliers willing to submit their offers should acknowledge their participation through the Sourcing Module by clicking "**Yes**" within 2 business days of receiving the RFQ. To confirm or reject participation proceed to the following link ebs.aub.edu.lb.

In case the requested services are not available, or you do not want to participate in this RFQ, please respond to the RFQ invitation by clicking "**No**" with a Note to Buyer indicating that you will not participate.

Inquiries

If you have any questions about the RFQ, use the "Online Discussion" feature within Oracle Sourcing to seek clarifications from the buyer **by July 23, 2026 3:00 PM.**

Proposal Submission

All proposal documents should be provided in English

All offers must be submitted through the Online Sourcing Module.

For more information and guidance, please follow the instruction in the provided Supplier Manual.

Logging into Oracle Sourcing and Creating Quote:

- **Access the Portal**: Visit ebs.aub.edu.lb.
- **Enter Credentials**: Use the username provided by the Supplier Management Unit.
- **Login**: Click on the "Login" button.

Supplier Profile Activation on Sourcing Module:

a. **Supplier Registration**:
   - **New Suppliers**: If you are not a registered supplier in AUB List of Approved Suppliers, you are required to:
     - **For Local Companies**, Fill and Submit the **Supplier Application Form**.
     - **For Individuals and Foreign Companies, please contact** smu@aub.edu.lb including the number and title of the RFQ in the subject of your email for assistance to register your profile.

     Once you are registered, please submit your offer following the below guidelines.

   - **Existing Suppliers without a Username and Password**: If you are already a registered supplier in AUB List of Approved Suppliers, contact the Bid Admin on sourcingadmin@aub.edu.lb to receive your company's username and the guidelines needed to access the sourcing homepage and submit your offer following the below guidelines.

   - **Existing Suppliers with a Username and Password**: If you are already a registered supplier in our database and already have a username proceed to creating quote on the sourcing module.

b. **First Time Login and Password Management**:
   - **Resetting Your Password**:
     - Enter the username provided by the Bid Admin.
     - Click on “Login Assistance”.
     - Click on “Forgot Password”.
     - You will receive an email with instructions to reset your password.
     - Follow the instructions in the email to reset your password.

Evaluation Criteria

The following elements will be the primary considerations in evaluating submitted proposals and selecting the qualified vendor:

EVALUATION	Weight
Technical Evaluation*	60%
Financial Evaluation	40%

In the meantime, please reply immediately to the invitation received on your sourcing workflow confirming the receipt of the tender invitation.

For new bids and updates, please check AUB PCA Tenders.

Campus Procurement & Contracts Administration
June 23, 2026