INVITATION TO BID (ITB)

Project: INTEGRATED SOLAR PV EXPANSION & CARPORT PROJECT

Issuing Entity: Order of Engineers and Architects (OEA) — Tripoli and North Lebanon | Ref: ITB-OEA-2026-002 | Issue Date: Monday, 16 November 2026

1. Scope of Work

The Order of Engineers and Architects (OEA) — Tripoli and North Lebanon invites qualified electro-mechanical and renewable energy contractors to submit bids for the Integrated Solar PV Expansion and Carport Project in Tripoli, North Lebanon.

The objective of this tender is to award a turnkey Engineering, Procurement, Construction, and Commissioning (EPCC) contract (90 calendar days completion timeframe) to an eligible and experienced contractor capable of executing two interconnected scopes under a single integrated tender package:

- **Section 1 — Building Systems Upgrade:** Safe removal and handover to OEA of existing inverter/battery equipment, and supply, installation, testing, and commissioning of 375 kW hybrid inverter capacity (4 × 125 kW, commercial release 2024 or later), 964.8 kWh gross (868 kWh net) LFP Battery Energy Storage System (BESS), and an integrated AC Protection Panel (with 500 A AC-coupling port) tied to the retained 125 kWp rooftop PV array.
- **Section 2 — Solar Carport On-Grid Extension:** Subgrade geotechnical investigation, boundary survey, 3D FEA structural/wind engineering (57 m/s per NL 137:2020 / IBC 2012), civil foundations, galvanized structural steel erection (three-line arrangement: 1 central V-frame and 2 counter-armed half-frames), and turnkey installation of a 356.40–361.80 kWp DC / 250 kW AC bifacial solar carport (540 × 660–670 Wp modules; 2 × 135 kW grid-tie inverters) over the OEA / Al-Wafa car park, AC-coupled to Section 1 via a 4-run overhead Aluminium ABC feeder (~280 m) and a 320 m fiber-optic P/Q control link.

2. Key Details & Timeline

- **Tender Package & Document Availability:** Monday, 16 November 2026 (3:00 PM) – Monday, 30 November 2026 (1:00 PM) on USB at OEA Procurement Unit on the 1st Floor (comprising Doc 01: Invitation to Tender, Doc 02: Technical Specifications, Doc 03: Drawings [7 sheets], and Doc 04: Pricing BOQ).
- **Tender Documents Fee:** Fresh USD 500.00 (cash, non-refundable, payable at OEA prior to pre-bid meeting).
- **Bidding Strategy & Currency:** Full bid submission in Fresh USD. No partial bidding allowed. Joint Ventures (JVs) allowed through official documentation. Bidders must complete all unit rates in the Pricing BOQ (Sections 1 & 2) as well as mandatory Priced Options (Envelope B: 5-to-10-year inverter warranty extensions and 5-year O&M contract, evaluated separately from the Grand Total).
- **Mandatory Pre-Bid Meeting and Site Visit:** Friday, 04 December 2026 at 2:00 PM (OEA Premises, Conference Room, 3rd Floor).
- **Clarification Deadline:** Wednesday, 09 December 2026 by 2:00 PM (GMT+3) via procurement@oea-tripoli.org.lb.
- **Submission Deadline:** Monday, 14 December 2026 by 12:00 PM (GMT+3). Tenders shall remain valid for 90 calendar days from the closing date.
- **Submission Location:** OEA Premises, Procurement Unit (1st Floor) using a Three-Envelope System (Hard Copies).
- **Public Bid Opening:** Monday, 14 December 2026 at 1:00 PM.
- **Declaration of Potential Winning Bidder:** Monday, 21 December 2026 (to be confirmed).
- **Evaluation Methodology:** Technical compliance verification first (Pass/Fail against Technical Specifications, completed Y/N compliance matrix, 2024+ inverter commercial release, type-test certificates, and preliminary structural concept), followed by Quality and Cost-Based Selection (QCBS: 30% Technical / 70% Financial).

3. Eligibility Criteria

A. Administrative & Legal Requirements (Pass/Fail)

- **Mandatory Attendance & Fee:** Full attendance at the mandatory pre-bid conference and site visit, plus USD 500.00 document fee receipt.
- **Registration & Operational Presence:** Minimum 3 consecutive years as a registered electro-mechanical/solar company, active registration with the Order of Engineers & Architects (Beirut/Tripoli) or Lebanese Syndicate of Contractors (10+ years active membership), and an operational technical office in Lebanon with spare parts and after-sales service capability.
- **Corporate Documents:** Commercial Register & Circular, authorized signatories' IDs/passports, notarized Power of Attorney (if applicable), and Clean Judicial Record (سجل عدلي).
- **Compliance & Tax:** Ministry of Finance Tax & VAT Certificates, UBO Declaration (Form M18), valid NSSF clearance (براءة ذمة/ الضمان الاجتماعي), Commercial Court non-bankruptcy certificates, and signed Integrity Annex (الملحق رقم 2).
- **Bid Security:** Fresh USD 10,000 initial bank guarantee (approved BdL local bank) or certified cheque / OEA cash receipt (Performance Security of 10% applies upon contract signing through the 1-year DLP).

B. Technical & Experience Requirements

- **Project Track Record:** Minimum 3 years in solar PV & battery storage; demonstrated successful execution of at least one (1) commercial solar PV project ≥ 150 kW capacity and two (2) projects ≥ 50 kW capacity within the last 5 years, plus at least one (1) comparable solar carport or ground-mount steel structure project completed.
- **Specification & Equipment Compliance:** Completed Y/N Technical Compliance Matrix, signed Bidder's Compliance Declaration confirming PV module and inverter make/model/release year (2024 or later for inverters), and IEC/UL type-test certificates.

C. Financial Capacity

- **Financial Statements:** 3 years of audited financial reports (2023, 2024, 2025).
- **Turnover & Ratios:** Minimum average annual turnover of USD 1,000,000 and a Quick Ratio (Acid-Test) ≥ 1.0 across the past 3 audited fiscal years, with clean credit standing.

D. Key Staff & Technical Capacity

- **Project Manager:** Full-time B.Sc. Electrical or Renewable Energy Engineer (OEA enrolled) with 10+ years of experience in commercial solar/BESS management.
- **Lead Electrical Engineer:** B.Sc. Electrical Engineer (OEA enrolled) with 10+ years of experience in solar PV, AC/DC distribution & BESS.
- **Technical Lead / Civil or Mechanical Engineer:** B.Sc. Civil or Mechanical Engineer (OEA enrolled) with 10+ years of experience in steel structures, concrete foundations, and 57 m/s wind FEA verification.
- **On-Site Foreman:** Full-time technical/field specialist with 7+ years of solar field installation and HSE experience.
- **Technical Assets & Submittals:** In-house capability for stamped civil/structural/electrical shop drawings, preliminary structural/FEA concept for 57 m/s wind, proof of calibrated heavy/testing equipment, resource-loaded Primavera P6 / MS Project schedule showing concurrent execution of Section 1 & Section 2 within 90 calendar days, and formal commitment to local labor.

Note: The OEA reserves the right to accept or reject any or all bids without providing justification.