



Invitation to Tender (ITT): Installation of Solar Panel and Battery Storage Infrastructure

1. Executive Summary

Project Title: Installation of Solar Panel & Battery Storage Infrastructure

Project Location: East Devon National Landscape Office, Unit 4, The Milking Parlour, Clapperentale Farm, Escot Park, Ottery St Mary, EX11 1LU

Issuing Authority: East Devon National Landscape (part of East Devon District Council)

Date of Issue: 01/09/2026

Tender Submission Deadline: 5pm, Monday 28th September 2026

2. Introduction & Background

East Devon National Landscape (EDNL), part of East Devon District Council, recently published its new 5-year strategy, the East Devon National Landscape Management Plan 2025-2030. A key objective is for the National Landscape to be net zero by 2050.

As part of our commitment to deliver this target and a first step on the journey towards net zero, the EDNL team wishes to reduce our Scope 2 emissions through reducing the carbon footprint of our office premises. EDNL is seeking proposals from a qualified engineer to scope out and deliver the installation of solar panels and all associated battery storage infrastructure to the office premises.

3. Scope of Work & Deliverables

The successful supplier will deliver a comprehensive report containing the following information:

- Design & Engineering: Feasibility, structural roof assessment, and electrical schematic design.
- Solar PV System: Supply, mounting, and commissioning of high-efficiency solar modules.
- Battery Energy Storage System (BESS): Supply and optimization of battery infrastructure.
- Grid Connection: Management of the DNO (Distribution Network Operator) G99 application process.
- Handover: Testing, commissioning, and staff training on systems (as required)



4. Technical & Compliance Requirements

Electrical & Grid Accreditations

- **Approved Competent Person Scheme:** The lead electrical engineers must be registered with an approved regulatory body to legally sign off commercial electrical work and issue an Electrical Installation Certificate (EIC).
- **DNO Liaison Capability:** The company must have proven experience navigating the G99 grid connection application process with National Grid Electricity Distribution (the DNO for East Devon). They must manage the connection approvals both *prior* to installation and during the final commissioning witness testing.

Code of Practice Compliance

- **IET Electrical Energy Storage Systems (EESS):** Contractors must design and install the battery infrastructure in strict compliance with the Institution of Engineering and Technology (IET) Code of Practice for battery storage, ensuring safety, fire isolation, and appropriate ventilation standards are met.
- **BS 7671 (Wiring Regulations):** Mandatory adherence to the latest UK wiring regulations, specifically Section 712, which dictates the exact safety and isolation setups for solar photovoltaic power supply systems.

Engineering & Structural Rigour

- **Structural Wind & Load Calculations:** The contractor must supply structural calculations proving that the office roof can handle the "dead load" of the panels and the "wind uplift".
- **Roof Integrity Guarantees:** A mandatory requirement that the fixing methods used will not void the existing building or roof warranty.

Cyber & Software Requirements

- **Data Security for Monitoring Portals:** The smart inverter and battery management software must offer secure, encrypted data paths. It should seamlessly interface with office local area network (LAN) or use a secure, independent 4G/5G data logger without compromising your main network's firewall.



Health & Safety Compliance

- CDM 2015 Regulations: The contractor must act as the Principal Contractor under the Construction (Design and Management) Regulations 2015, providing a fully developed Health and Safety File, a construction phase plan, and site-specific Risk Assessments and Method Statements (RAMS) for working at heights.

5. Required Output

- Technical Proposal: Proposed component datasheets, layout drawings, and estimated annual generation (yield calculations).
- Commercial Schedule: Fixed-price, itemized costing breakdown (hardware, scaffolding, labour, grid applications).
- Case Studies: Evidence of similar installations, ideally on public sector properties or within protected landscapes.
- Implementation Plan: Project timeline including lead times, structural verification, and on-site build duration.

6. Supplier Requirements & Expertise

Tendering organisations must demonstrate:

- Proven expertise in installation of renewable energy infrastructure, including full project delivery from scoping through to implementation.
- Compliance with all technical requirements as outlined in the tender

7. Budget & Timeline

Budget: This is an invitation to quote. Please briefly outline your proposed approach to this commission, drawing on your experience to demonstrate how you would successfully deliver these objectives along with a price for completing the project. Max 4 pages.

Delivery window: end Sept 26 – February 2027

Scoring Matrix (applicants will be scored against the following):

- Experience and methodology – 40%



- Project Management and timeline – 20%
- Technical Quality – 20%
- Value for money -20%

Deadline to apply: 5pm on Monday 28th September 2026. Please submit your application to daniel.wynn@eastdevon-nl.org.uk

8. Terms & Conditions

- East Devon National Landscape Partnership is hosted by East Devon County Council and so East Devon County Council's standard contract terms apply.
- Before the Council engages a contractor to provide services, it must ascertain whether the contractor's employment status meets the requirements of the IR35 tax rules relating to services provided through an intermediary. Should the Council determine that the contractor is to be regarded as employed for tax purposes, the Council is required to deduct income tax and national insurance contributions from payments to the contractor. (See Chapter 10, Income Tax (Earnings and Pensions Act) 2003.)
- Bidders will fully co-operate with the Council to provide all necessary information to enable the Council to accurately determine employment status. Note: The intermediary may be liable for tax and national insurance contributions if fraudulent information is provided. East Devon County Council are not bound to accept the lowest priced or any quote and shall not be bound to accept the supplier as sole supplier. Prices quoted shall remain firm for the duration of the contract. Value Added Tax (VAT) should be shown separately and the VAT registration number given.
- By providing us with a quotation you agree to be bound by East Devon County Council Terms and Conditions ([Standard Purchase Order Terms and Conditions](#)) which will apply to any contract awarded to you after you have provided us with our quotation.