

Dart Marine Park Solar PV

Request for Tender (RFT)



Construction, Commissioning and Handover of the Preferred 114 kWp Solar Photovoltaic (PV) Installation at Dart Marine Park

1 Introduction

1.1 Invitation and project scope

Totnes Renewable Energy Society (TRESOC) invites suitably qualified and experienced contractors to tender for the solar PV installations at Dart Marine Park, Steamer Quay, Totnes, Devon TQ9 5AL. The works cover equipment procurement, design validation and completion within the offered scope, installation, testing, commissioning, certification, handover and warranty support across four buildings.

Unit	Occupier or Main Tenant	Indicative PV capacity
A	The Clayworks	25.8 kWp DC
B	Discovery House (MEGO)	15.6 kWp DC
C	United Response	46.8 kWp DC
D	Clarendon Safety Fasteners	25.5 kWp DC
Total	Four units	113.7 kWp DC (approximately 114 kWp)

The project will supply participating tenants under Power Purchase Agreements (PPAs), with surplus export intended to participate in the Totnes Energy Local Club where practical. South Hams District Council (SHDC) is the freeholder. TRESOC is progressing funding and the property agreements required for delivery.

1.2 Design basis and tender approach

Glo Renewables developed the project design during the development phase. The tender package sets out the preferred installation locations, roof aspects, structural exclusions and electrical configurations. Appendix B contains general arrangements (GAs) and proposed single-line diagrams (SLDs); these are reference information for tender preparation, not construction drawings.

Tenderers shall price the stated preferred configuration and identify the design validation and detailed design included in their offer, including electrical installation details, mounting/fixings and enclosure design. Identify any information or appointments needed from TRESOC and any reliance sought on existing design work. A change of installer does not by itself transfer responsibility for the existing design.

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A principal submission shall address the stated scope for all four buildings. Separately identify and justify departures, alternative equipment or alternative technical solutions, with their effects on price, performance, programme and approvals. TRESOC must agree to changes before they are implemented.

1.3 Funding phasing and price validity

TRESOC is progressing with capital funding, including the GBE Community Fund and Energy Redress Innovation Funding. Contract award and any deposit are conditional on funding and completion of the necessary legal agreements. Activities requiring technical approvals shall not proceed until those approvals are in place. Preparation and management of the G99 applications form part of the Contractor's pre-installation scope under section 2.2. Tenderers may attend site visits arranged and authorised by TRESOC under section 7. This tender does not authorise installation works or other site activities.

Provide a total installation price and separate prices and programmes for A, B, C and D. Identify shared costs and any effect of phased delivery or a reduced award scope. Any scope change will be considered against the procurement terms before award.

Prices shall remain valid for at least 90 days from the tender deadline. State payment terms, equipment lead times and any price adjustment that would apply after the validity period or to phased delivery. State the assumptions supporting those adjustments.

1.4 Tender documents

Read this RFT with the three separate PDF appendices listed in section 10. Appendix A contains structural information and the B/D cantilever exclusions; Appendix B contains the GAs and proposed SLDs; Appendix C contains unit-specific enclosure requirements, location illustrations and the complete fire risk assessment (FRA).

Where information is marked as superseded in Appendix B, use the corresponding proposed SLD and this RFT. Appendix C sets the enclosure and fire safety requirements for all four units. Notify TRESOC of discrepancies or missing information through the clarification process; state any unresolved pricing assumptions expressly in the tender.

2 Scope of works

2.1 System configuration and design validation

- Units A, B and D: PV arrays on the southern roof aspect only. Unit C: arrays on both roof aspects, following the preferred arrangement.
- Buildings B and D: no PV on the cantilever areas identified in Appendix A.
- Unit A: connect the PV installation behind the existing A4 supply meter. The other existing import supply shall remain electrically independent.

- Unit C: provide two independent inverter systems serving two separate supplies. Do not interconnect the supplies. Show the array allocation, inverter capacity and metering for each system separately.
- Units B and D: each PV installation serves its corresponding building supply.
- Use the indicative inverter locations and cable routes in Appendix B. Include necessary containment, supports, penetrations and making good; identify any route or location changes in the tender.

Validate the proposed capacities and performance. State module quantity and power, DC array capacity, individual and aggregate inverter AC capacity, string allocation and proposed export limit for each supply. For Unit C, report the two systems and the complete building installation separately. No capacity increase or layout change may proceed without TRESOC agreement and consideration of planning, structural and DNO implications.

Provide an annual generation estimate with the shading, orientation, losses and other assumptions stated. Identify any further roof-layout, string-design, shading or equipment information required to complete the design. The roof/PV layout illustrations within the structural reports are background information; do not treat them as final string or equipment schedules.

The intended rooftop planning route is permitted development under Class J, subject to confirmation of the applicable conditions. Identify planning implications of any proposed departure, including external enclosure changes. Separate electrical supplies shall not be treated as establishing separate planning capacity allowances.

2.2 Metering monitoring and grid interfaces

Each PV supply circuit requires generation and export measurements sufficient to determine tenant PV consumption under the PPA, together with remote data access. Use corresponding measurements for the same time period and explain any allowance for metering location or losses. Do not combine measurements from unrelated supplies.

PV system	Tender configuration	Metering and grid interface
A	One PV connection to the A4 supply	One corresponding generation/export measurement arrangement. The Contractor shall prepare, submit and manage one G99 application for the proposed A4 connection in accordance with the scope below.
B	One building supply	One generation/export measurement arrangement. TRESOC is reviewing the existing G99 offer, including validity and applicant details.

PV system	Tender configuration	Metering and grid interface
C supply 1	One independent supply and inverter system	Separate generation/export measurements. The Contractor shall prepare, submit and manage a separate G99 application for this supply and inverter system in accordance with the scope below. Supply labels shall match the verified site records.
C supply 2	One independent supply and inverter system	Separate generation/export measurements. The Contractor shall prepare, submit and manage a separate G99 application for this supply and inverter system in accordance with the scope below. No power interconnection with C supply 1.
D	One building supply	One generation/export measurement arrangement. TRESOC is reviewing the existing G99 offer, including validity and applicant details.

TRESOC will coordinate supplier and meter-operator interfaces. Tenderers shall identify their proposed division of work with TRESOC, SMS/the meter operator and the electricity supplier, covering meter changes, CTs, export registration, generation metering, communications, data access and commissioning. Existing supplier/MOP equipment shall be used or altered only where suitable and authorised.

Provide generation metering compatible with TRESOC's Meter Online monitoring platform and explain the proposed export-data interface. State data availability, access arrangements, commissioning checks and recurring communications or platform charges. Identify any dependency on supplier/MOP services and any associated third-party charges.

The Contractor shall be responsible for preparing, submitting and managing three G99 applications: one for Unit A connected to A4 and one for each of the two independent Unit C supplies. Include this work in the base installation offer. Act as TRESOC's technical agent, prepare the required drawings, equipment information and supporting calculations, respond to DNO queries, and coordinate the applications through the DNO decision and subsequent commissioning requirements. TRESOC will provide the applicant information, signatures and authorisations required. Acceptance of connection offers and commitments to DNO charges require TRESOC's written approval.

State the proposed inverter AC capacities, export limits, any export-control equipment and the programme assumptions used for each application. Identify dependencies on TRESOC or third parties. Review the existing Unit B and D offers for suitability, validity and applicant details; identify and separately price any amendments or new applications required for those units. Do not assume existing offers transfer automatically to a different installer.

Include the Contractor's fees for the three Unit A and C applications in the base price and show them separately in the building breakdown. Identify DNO application and

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connection charges separately, using clearly stated provisional allowances where charges are not yet known, and state whether those charges are included in the total. Connection and commissioning shall comply with the applicable DNO approval; tender-stage information does not authorise connection.

2.3 Fire rated inverter enclosures

Provide secure enclosures with a minimum 60-minute fire rating at Units A, B, C and D in accordance with Appendix C. Develop and price each unit separately: a single enclosure size or mounting arrangement is not prescribed across the project.

Include enclosure design, fabrication or procurement, delivery, foundations/plinths or supports, installation, ventilation/cooling, fire stopping and the evidence supporting the complete assembly. Demonstrate compatibility with inverter clearances, operation and warranty. Submit detailed drawings and supporting evidence before manufacture or installation. Separately identify alternatives; the base tender must address the FRA enclosure requirement.

Protect the escape routes at A and C. At D include the FRA's requirement to relocate the cigarette container at least 1.5 m from the cabinet and address the separate oil-tank separation shown in Appendix B. Provide safe maintenance access at every unit.

2.4 Structural and equipment requirements

Read the complete building-specific structureHaus reports in Appendix A, including assumptions and exclusions. Confirm that the proposed equipment and mounting arrangement remain within the assessment basis. Identify additional checks or information needed and any departure affecting loads. The reports do not establish the adequacy of the PV-to-roof fixing system; include the mounting and fixing design needed for the works offered.

- Supply modules, string inverters, mounting systems, DC/AC isolators, protective devices, cabling, connectors, metering, communications and enclosure equipment needed for the offered installation.
- Identify manufacturer/model and provide datasheets for all principal equipment. Explain compatibility with the roof construction, electrical configuration, monitoring and fire enclosure arrangements.
- Include access/scaffolding, lifting, containment, supports, electrical modifications and making good required for the priced scope. Identify exclusions and third-party work clearly.

2.5 Installation testing and commissioning

Provide a construction programme, risk assessments, method statements, construction-phase information where applicable and evidence of competent personnel. Coordinate access, tenant disruption and notices through TRESOC. Protect existing roof warranties and comply with supplied building-insurer conditions. Provide MCS certification for each installation, together with the electrical certification and DNO

commissioning records required for the works. Include these documents in the handover information.

Maintain a photographic schedule of condition for areas affected by surveys, deliveries, works and subsequent visits. Record condition on arrival and departure. Report pre-existing damage before work proceeds; promptly report damage caused by the works and make it good at the Contractor's expense.

Set out the testing and commissioning method, electrical and DNO checks, performance-verification approach and monitoring checks. Demonstrate that generation/export measurements and remote access operate correctly for each independent system. Verify enclosure installation against its accepted design and evidence.

2.6 Handover

- Commissioning report, MCS certification and electrical certification; copies of the submitted G99 applications, supporting drawings and calculations, DNO correspondence, connection offers/approvals and commissioning records for the relevant systems.
- As-built roof/electrical drawings and metering schematics identifying supply circuits, measurement points and the PPA billing basis.
- Operation and maintenance manual, relevant health and safety information/file, asset register and enclosure drawings/evidence.
- Workmanship, product and performance warranty documentation, with claims contacts, exclusions and transfer provisions.
- Operational monitoring and data access; training for TRESOC and relevant occupants.
- Fire safety signage, equipment/access information for the fire service and tenant contact information required by Appendix C.

2.7 Warranties and maintenance

Provide a minimum five-year workmanship warranty, a minimum 25-year module performance warranty and a minimum ten-year inverter warranty. State the separate module product-warranty duration and terms. Identify mounting-system and enclosure warranties, maintenance conditions, exclusions and claims procedures. State which cover is insurance-backed, by whom and to what extent. A module performance warranty is not a guarantee of annual site output.

Tenderers shall confirm whether any unexpired workmanship and equipment warranties, guarantees and associated documentation can be assigned or transferred to SHDC if ownership of the installation transfers. Identify any restrictions, required consents and associated costs.

TRESOC will procure the ongoing maintenance contract separately; it is excluded from this installation tender. The maintenance arrangement will meet TRESOC's insurance and warranty requirements, with commencement aligned to any phased commissioning.

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Tenderers shall provide maintenance instructions, schedules and handover information needed to support that contract and preserve warranty validity.

3 Technical specifications

Item	Minimum specification or submission requirement
PV modules	Tier 1 (BloombergNEF or equivalent); minimum module efficiency 21%; positive-only power tolerance; IEC 61215 and IEC 61730 certification. Provide manufacturer, model, power and warranty information.
Inverters	Declared efficiency at least 98%, with the measurement basis stated; relevant grid-code compliance and anti-islanding protection; remote monitoring/data logging; arc-fault detection and mitigation. Provide model, AC rating and enclosure compatibility information.
Mounting and fixings	Suitable for the existing roof and design loads; corrosion-resistant aluminium, stainless steel or galvanised steel as appropriate. State fixing/penetration method, wind-load design basis and measures protecting roof integrity and warranties.
Electrical installation	Design and installation to the applicable edition/amendments of BS 7671 at the time of the works and relevant DNO requirements. State cable sizing, earthing/bonding, distribution/combiner arrangements, isolation and protection. Assess surge-protection requirements, including Type 1/Type 2 suitability.
Enclosures and fire safety	Unit-specific secure 60-minute fire-rated arrangements and associated measures in Appendix C. Provide complete-assembly evidence, inverter compatibility, cooling and maintenance access.
Metering and communications	Generation/export measurement for each independent system, compatible generation monitoring through Meter Online, remote data access and commissioning checks. State supplier/MOP dependencies and recurring costs.

4 Tender submission requirements

4.1 Company information

- Company profile, relevant licences/accreditations and insurance evidence.
- Experience with comparable commercial rooftop PV installations; projects of 50 kW or more are preferred examples.
- Key personnel, qualifications, proposed subcontractors and their responsibilities.
- Operating base and arrangements for site attendance, delivery coordination and warranty support.

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4.2 Technical proposal

- A compliance statement addressing this RFT and Appendices A-C, with departures, alternatives and exclusions clearly scheduled.
- Equipment and enclosure proposals by building, datasheets, quantities, DC/AC capacities, export limits, roof/string layouts and proposed changes to the GAs/SLDs.
- Annual output forecasts and stated assumptions, including shading and system losses.
- Design-validation/completion scope, reliance or information required from TRESOC, and responsibility for design changes and bespoke work.
- Metering/monitoring method, supplier/MOP interfaces and recurring charges; the approach to preparing, submitting and managing the Unit A and two Unit C G99 applications; review of the existing B/D offers; and DNO commissioning support, responsibilities and dependencies.
- Construction, access, fire safety, environmental and roof-maintenance access arrangements.
- Warranty schedule and qualifications against section 2.7.
- Ethical sourcing statement addressing section 5.5, with supporting evidence relevant to the proposed modules and their supply chain.
- Solar panel reuse, recycling and disposal statement addressing section 5.1, including installation waste and the proposed approach at end of life.

4.3 Financial proposal

Provide an installation total excluding VAT, VAT separately and a building-by-building breakdown for design, equipment, enclosures, mounting/fixings, installation, access/scaffolding, metering/communications, electrical modifications, testing and commissioning. Include the Contractor's fees for preparing, submitting and managing one Unit A and two Unit C G99 applications in the base installation total and show these as separate line items in the relevant building prices. Include review of the existing B/D offers; show any amendments or new applications for B/D as separately priced items. Identify shared costs, third-party DNO/MOP/supplier charges, exclusions and provisional allowances without double counting. State clearly which third-party charges are included in the total.

State payment milestones, price validity, lead times, phased-delivery effects and any post-validity adjustment basis. Present alternatives separately from the base installation price.

4.4 Delivery programme

Provide milestones and durations for design submissions, preparation and submission of the Unit A and two Unit C G99 applications, DNO review and responses, other approvals, procurement, enclosure fabrication, access works, installation by building, testing, commissioning and handover. Identify dependencies on TRESOC, suppliers/MOP, DNO decisions and tenant access. State assumptions for DNO response times, the effect on the critical path, the earliest available start and any sequencing or phased delivery implications. Do not assume that selecting an installer authorises connection before the relevant DNO approval.

5 Contract and commercial requirements

5.1 Compliance and contract

The successful tenderer will enter into an installation contract recording the agreed scope, design responsibilities, programme, payment terms, insurance, warranties and project interfaces. Identify contractual assumptions and qualifications in the tender. Works must comply with applicable UK requirements for electrical installation, building control, health and safety and grid connection, together with the agreed project specification.

Provide a solar panel reuse, recycling and disposal statement covering damaged or surplus modules arising from the works and the proposed approach to modules at end of life. Explain the arrangements for collection, reuse where suitable, authorised treatment and recycling, compliance with applicable WEEE requirements, and the records demonstrating proper handling. Identify the responsibilities of the Contractor, equipment suppliers and TRESOC, together with any take back arrangements, restrictions and costs. Distinguish services included in the installation price from future services described for information only.

5.2 Design documentation and intellectual property

For work and documents produced under the installation contract, grant or procure rights sufficient for TRESOC and its authorised parties to install, operate, maintain, repair, replace and transfer the installation and use the related documentation. Identify any licence, assignment or sublicensing restrictions in the tender.

Rights in existing Glo design material and any continuing design appointment or reliance arrangement will be addressed separately by TRESOC. No automatic transfer of third-party intellectual property or design liability is assumed. Tenderers shall state any reliance needed and the responsibility accepted for their own validation, detailed design and changes.

5.3 Insurance

Provide insurance schedules/certificates and relevant endorsements for the contracted activities, stating indemnity limits, excesses, material exclusions and cover periods. Identify any shortfall against the requirements below and its effect on price. Before mobilisation, provide evidence that the required cover is in force, including evidence of

current premiums on request. Obtain and retain appropriate insurance evidence for subcontractors. Coordinate contractor cover with TRESOC's cover through delivery, storage, installation, testing, phased commissioning and handover.

Cover	Tender requirement and interface
Public liability	Maintain public/products liability insurance of at least £5 million for any one occurrence or series of occurrences arising from one event, covering the contracted activities and including indemnity to principals. State any annual aggregate limit applying to products liability.
Employers liability	Contractor cover appropriate to its employment arrangements and statutory obligations; minimum £5 million.
Works and equipment	The Contractor shall maintain contractors' all-risks insurance covering the works and equipment for their full reinstatement value during delivery, storage, installation, testing and commissioning until handover of the relevant system. The insurance shall protect TRESOC's interest in the works and equipment. Provide policy evidence and state the insured interests, excesses and material exclusions. Agree the transition to TRESOC's operational equipment insurance for each system before handover, without a gap in cover.
Design professional indemnity	Maintain professional indemnity insurance of at least £1 million for each claim for the design and specification activities undertaken under the contract, maintained for at least six years after completion. This shall cover design validation, detailed design and changes within the agreed scope, including electrical, mounting/fixing, structural and enclosure design where undertaken by or on behalf of the Contractor. Identify any reliance on existing third-party designs and any relevant insurance exclusions or limitations.
Operational equipment	TRESOC will arrange operational equipment cover, with the transition coordinated with the works policy and phased handover.
Building insurance	Building cover remains with the party responsible under the property arrangements. Comply with the insurer conditions supplied for the works and identify any relevant interface or exclusion.

5.4 Warranties and transfer

Provide the warranties and claims process in section 2.7. Identify the provisions needed to assign or transfer warranties, guarantees and associated documentation to SHDC if installation ownership transfers under the property agreements. State any restriction rather than assuming transfer is automatic.

5.5 Ethical solar panel statement

Provide an ethical sourcing statement describing module supply-chain transparency, due diligence concerning forced labour and modern slavery, worker welfare,

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environmental management and relevant manufacturer certifications. Confirm compliance with the Modern Slavery Act 2015 and equivalent applicable supply-chain legislation. TRESOC may request supporting evidence before award.

6 Evaluation

Installation tenders will be evaluated against the criteria below. TRESOC may seek clarification of submissions; material non-compliance with the stated scope or requirements may result in rejection.

Criterion	Weight	Assessment basis
Company information	5%	Relevant experience, competence, resources and delivery team.
Company location and site support	5%	Operating base and evidenced arrangements for attendance, coordination and warranty support at this site.
Technical compliance, design and equipment	40%	Compliance, design-validation/completion approach, equipment, enclosure evidence, metering and installation methodology.
Warranties	5%	Scope, duration, exclusions, claims support and transfer provisions.
Ethical sourcing	5%	Supply-chain transparency, due diligence concerning forced labour and worker welfare, and the relevance and credibility of supporting evidence for the proposed modules, addressing section 5.5.
Panel reuse, recycling and disposal	5%	Practicality and completeness of the arrangements described under section 5.1, including reuse/recycling routes, responsibilities, traceability, take-back provisions and stated costs or restrictions.
Price competitiveness	30%	Comparable compliant base installation price for the published award scope; alternatives excluded from the base-price comparison.
Delivery timeline	5%	Credibility, availability, durations, dependencies and ability to coordinate the works.

Non-price criteria will be scored from 0 to 3: 0 = fails to address the criterion or provides inadequate evidence; 1 = adequately addresses the requirement with limited supporting detail; 2 = provides a clear, credible response supported by relevant evidence; 3 = provides a comprehensive, project specific response supported by strong evidence.

The weighted contribution is the score divided by 3, multiplied by the criterion weight. Ethical sourcing and panel reuse, recycling and disposal will be assessed against their

respective published criteria; submission of a generic policy alone will not automatically earn full marks.

The price contribution is 30 multiplied by the lowest comparable compliant installation price divided by the tenderer’s comparable compliant installation price. The maximum price contribution is 30 points. All tenders will be assessed against the same published scope and pricing assumptions. Any material change to the scope or comparison basis will be communicated to all tenderers, with an opportunity to revise their submissions before final assessment.

Two TRESOC evaluators will assess the tenders against the published criteria and agree on a documented evaluation outcome. Subject to satisfactory due diligence, funding, necessary approvals and agreement of contract terms, TRESOC intends to select the compliant tender achieving the highest total weighted score. TRESOC is not obliged to accept any tender.

7 Site visits and clarifications

Tenderers shall attend a TRESOC arranged site visit covering Units A, B, C and D before submitting their tender. Visits are planned during the week commencing 16th November 2026; available dates, times and booking arrangements will be issued to all tenderers. **Request a place through admin@tresoc.co.uk by the site visit booking deadline below.**

Access is subject to tenant approval and site requirements. Unit D requires contractor specific access clearance and completion of the tenant’s required forms. Tenderers shall provide attendee details and complete the access documentation by the dates specified in their booking instructions. Visits will cover accessible electrical supply and metering positions, cable routes and proposed inverter locations. Roof access is not included in the tender visits. **Do not attend any unit without confirmed access arrangements.**

If TRESOC cannot provide access to a required area, it will notify affected tenderers of the alternative arrangements and any change to the attendance requirement before the tender deadline.

Submit technical and commercial questions to admin@tresoc.co.uk by the clarification deadline below. Material information arising from visits or clarification requests will be circulated to all tenderers so that all submissions are prepared on the same information basis.

Milestone	Date and time
Site visit booking deadline	12:00 noon, Friday 6th November 2026
Site visits	Week commencing Monday 16th November 2026; dates and times confirmed through TRESOC
Clarification deadline	12:00 noon, Monday 23rd November 2026

Milestone	Date and time
Final clarification responses issued	By 17:00, Wednesday 25th November 2026
Tender return deadline	12:00 noon, Monday 30th November 2026
Tender evaluation	Week commencing Monday 30th November 2026
Target contractor selection	Week commencing Monday 7th December 2026, subject to funding and necessary approvals

8 Submission instructions

Submit the tender electronically in PDF format to admin@tresoc.co.uk by 12:00 noon on Monday 30th November 2026.

Use the subject line “**Dart Marine Park solar PV tender - [company name]**”.

Present the base installation offer and any departures or alternatives clearly and separately. Late submissions will not be accepted.

9 Contacts

Tender administration, site visits and clarification requests: admin@tresoc.co.uk.

Project contacts:

- Andy Extance, Community Director (andy@tresoc.co.uk), and
- Ross Connell, Operations Director (ross@tresoc.co.uk).

10 Appendix register

The following PDFs are supplied separately and form part of the tender package. Use the stated revision; clarify any discrepancy before pricing.

Appendix	Document	Revision and contents
A	DMP RFT_Appendix A-Structural Reports & Exclusion Plan-P01.pdf	P01; 174 pages. B/D cantilever exclusion plan and complete structureHaus reports for A-D.
B	DMP RFT_Appendix B-GA & SLD drawing pack-P01.pdf	P01; 8 A3 sheets. GAs and proposed SLDs, drawing references DMP-GA-A/B/C/D-001 and DMP-SLD-A/B/C/D-001.
C	DMP RFT_Appendix C-Fire Safety & Inverter Enclosures-P02.pdf	P02; 8 pages. Unit-specific enclosure requirements, location illustrations, technical requirements and complete FRA.

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