

Invitation to Tender

Solar Energy System and Battery Storage

Ref: NZ739

1. About LaserMaster

From its creation in 2002, LaserMaster, located in the heart of Cornwall, has been at the forefront of competitive technology and machinery. This has allowed us to grow substantially within a short period of time. Our equipment list and production capabilities have grown significantly, including our latest acquisition of a local engineering company, that has not only brought over their engineering equipment, but also their excellent team with a combined 150 years of experience.

2. Background and Context

In order to continue delivery our decarbonisation plan, we wish to invest in solar PV and battery storage. Our current energy usage is 30,000kWh/ month which we are seeking to reduce to at least 8,000kWh/month as a result of this investment.

The roof is 80mm composite Kingspan. Pitch approximately 15 degrees from horizontal. Eaves height 5m (all measurements to be confirmed by site survey).

Area beneath roof accessible via scaffolding.

Site Visit: A site visit and structural assessment is strongly recommended to be conducted to ensure that the roof can take the weight caused by having the PV array mounted onto the roof. This is to be arranged as per Section 5.

The purchase of this system is part of a grant funded application process and therefore this procurement and subsequent appointment will be subject to grant approval of the project. We will assess tenders received on a lowest compliant Tender basis.

3. Tender requirements

3.1 The solar system we are seeking must meet the following **minimum** requirements:

CELLS	
a) 180kW of solar power	
b) 400 watt panels	
c) 12 year product warranty	
d) 25 year linear performance warranty	
e) 154,000 kWh per year	
Hybrid Inverter	
a) 30.000KW of Inverter Power	
b) 10 year warranty	
Battery	
a) 75kWh battery storage. Tesla or	

equivalent.	
b) 10 year warranty	
String Inverter	
a) 100.000KW of inverter power	
b) 5 year warranty	

- 3.7 Delivery, installation and operator training at LaserMaster Ltd, United Downs Industrial Park, St Day, Redruth, Cornwall TR16 5HY.
- 3.8 Quote should include all fencing, telehandler, scaffolding, skips as required.
- 3.9 Quote should include removal of waste from installation. Waste certificates to be provided as evidence that the waste has been disposed of in accordance with any regulatory requirements.
- 3.10 Workmanship guarantee of 2 years from the date of installation.
- 3.11 Certification of installations to building regulations (structural report confirming capability of roof load), testing and commissioning.
- 3.12 Installation by December 2024.

4. Budget

The total maximum budget available for this commission is **£250,000** (excl VAT) but inclusive of all expenses.

Tenders that exceed the total budget will not be considered.

The budget will be reviewed as part of the tender evaluation detailed in Section 10 and will reflect the degree to which there is a saving on the maximum budget.

5. Tender and Commission Timetable

The timetable for submission of the Tender, completion of the programme are set out below.

Milestone	Date
Date ITT available on Contracts Finder	22nd March 2024
Site Visit to be arranged with john.gotts@lasermaster.co.uk	
Last date for raising queries	5 th April 2024
Last date for clarifications to queries	9 th April 2024
Deadline to return ITT	12 th April 2024
Evaluation of ITT	15 th April 2024

Award of Contract	This is subject to successfully obtaining grant funding and will normally be no later than 90 days from contract
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6. Tender Submission Requirements

Please include the following information in your Tender submission.

- 6.1 Your proposal and any necessary technical or specification sheets.
- 6.2 Complete the compliancy matrix enclosure 1.
- 6.3 Budget.
- 6.4 Details of lead in time.
- 6.5 Details of payment breakdown.
- 6.6 Confirmation that the tenderer holds current valid insurance policies as set out below and, if successful, supporting documentation will be provided as evidence:
 - i. Professional Indemnity Insurance with a limit of indemnity of not less than one million (£ 1,000,000),
 - ii. Employers Liability Insurance with a limit of indemnity of not less than two million (£2,000,000)
 - iii. Public Liability Insurance with a limit of indemnity of not less than two million (£2,000,000).
- 6.7 Conflict of Interest statement (see section 8).

7. Sub-contracting

Tenderers should note that a consortia can submit a tender but the sub-contracting of aspects of this commission after appointment will only be allowed by prior agreement with LaserMaster.

8. Conflicts of Interest

Tenderers **must** provide a clear statement with regard to potential conflicts of interests. Therefore, **please confirm within your tender submission** whether, to the best of your knowledge, there is any conflict of interest between your organisation and LaserMaster or its programme team that is likely to influence the outcome of this procurement either directly or indirectly through financial, economic or other personal interest which might be perceived to compromise the impartiality and independence of any party in the context of this procurement procedure.

Receipt of this statement will permit LaserMaster to ensure that, in the event of a conflict of

interest being notified or noticed, appropriate steps are taken to ensure that the evaluation of any submission will be undertaken by an independent and impartial panel.

9. Tender clarifications

Any clarification queries arising from this Invitation to Tender which may have a bearing on the offer should be raised by email to: john.gotts@lasermaster.co.uk and jackie@jackiegeorge.co.uk in accordance with the Tender and Commission Timetable in section 5.

Responses to clarifications will be anonymised and uploaded by LaserMaster to Contracts Finder and will be viewable to all tenderers.

No representation by way of explanation or otherwise to persons or corporations tendering or desirous of tendering as to the meaning of the tender, contract or other tender documents or as to any other matter or thing to be done under the proposed contract shall bind LaserMaster unless such representation is in writing and duly signed by a Director/Partner of the tenderer. All such correspondence shall be returned with the Tender Documents and shall form part of the contract.

10. Tender evaluation methodology

Each Tender will be checked for completeness and compliance with all requirements of the ITT. The award of the contract will be to the LOWEST COMPLIANT BID.

13. Tender Award

Any contract awarded as a result of this tender process will be in accordance with this ITT and the tenderer's response.

14. Tender returns

Tenders are to be returned by email.

Tenders are to be returned in accordance with Section 5

Latest date to be returned: As per Section 5

Latest time to be returned: 17:00

Emailed tenders should be sent electronically to jackie@jackiegeorge.co.uk with the following message clearly noted in the Subject box; Solar Energy System and Battery Storage Ref: NZ739

Tenderers are advised to request an acknowledgement of receipt of their email.

15. Disclaimer

The issue of this documentation does not commit LaserMaster to award any contract pursuant to the tender process or enter into a contractual relationship with any provider of the service. Nothing in the documentation or in any other communications made between LaserMaster or its agents and any other party, or any part thereof, shall be taken as constituting a contract, agreement or representation between LaserMaster and any other party (save for a formal award of contract made in writing by LaserMaster or on behalf of LaserMaster).

Tenderers must obtain for themselves, at their own responsibility and expense, all information necessary for the preparation of their tender responses. Information supplied to the tenderers by LaserMaster or any information contained in LaserMaster's publications is supplied only for general guidance in the preparation of the tender response. Tenderers must satisfy themselves by their own investigations as to the accuracy of any such information and no responsibility is accepted by LaserMaster for any loss or damage of whatever kind and howsoever caused arising from the use by tenderers of such information.

LaserMaster reserves the right to vary or change all or any part of the basis of the procedures for the procurement process at any time or not to proceed with the proposed procurement at all.

Cancellation of the procurement process (at any time) under any circumstances will not render LaserMaster liable for any costs or expenses incurred by tenderers during the procurement process.

16. Enclosures

Compliance Matrix