

Annex 1 – Specification for Solar Installation at Splash Centre, Rushden

Project Brief

This request establishes some broad parameters that NNC will consider when selecting the successful contractor and offers guidance on the desired outcome of the project and minimum requirements. Tenderers shall be expected to have familiarised themselves with the Splash Centre, Rushden and surrounding area. As such, a site visit will be required. In doing so, tenderers shall be deemed to have assessed any problems likely to be encountered in accessing the site to complete the work and no allowance for additional costs that would be apparent during a site visit will be considered.

Tenderers must demonstrate that they can provide a comprehensive, high-quality service. However, NNC reserves the right to add to, omit from, or amend this request in any way prior to execution of the contract. Changes that materially affect the provision of services described herein which shall cause a change in the price of providing such altered services must be agreed between NNC and the appointed Contractor.

NNC aim to maximise economic, social and / or environmental benefits in how we buy goods, works or services. Bidders are invited to share any additional benefits that their proposal will offer.

Background

The project will provide and install new solar panels and inverters. In addition to this request a separate ITT has been issued to replace the gas boilers and suppliers will need to work in tandem to ensure all works can be delivered by the **31/3/25**

National Grid

The contractor will be expected to contact and work with National Grid and supply them with the correct information including:

- Correct G99 application form fully completed.
- Single line diagram.
- Type test certificate.
- Details of any export limitation devices.

The existing supply is a HV metered supply with an agreed supply capacity of 175kVA.

Planning Permission

We are in the process of confirming that we can install the panels under permitted development as we believe we comply with the relevant conditions. This will be confirmed prior to contract completion.

Structural Analysis

A report has been undertaken that confirmed the roof can accommodate panels based on an assumed panel weight not exceeding 15kg/m². Panels of greater weight will be considered subject to revised loading assessment provided with bids.

Value of contract

Lowest value for this contract is expected at £75,000 + VAT

Welfare facilities

Welfare facilities are provided by NNC including access to toilets and washing will be provided on site within the Splash Centre during normal opening hours. Contractor will be expected to comply with NNC requirements for cleanliness and respect for other users of the facility.

Scaffolding

Contractor will be expected to take full responsibility for the design, maintenance and security of scaffolding during the works.

Minimum requirements

Total PV generator Output: 148.5kWp

Panel have a product warranty of minimum 15 years

Panel having a power warranty of 30 years

Inverter have a product warranty of minimum 15 years

Responses not including the below will not be considered:

1. Return on investment analysis and financial projections over 25 years based on 24p/kwh and 15p/kwh.
2. Data sheets for proposed panel, inverter and fixing method for approval by NNC
3. Details of warranties and guarantees for all equipment supplied.
4. Details of maintenance required
5. Proposed location of inverter and simple circuit diagram.
6. Details of post installation data management of system performance monitoring.
7. Programme for installation showing panels installed and operating by **31/3/25**.