



Werfen

PV SOLAR ENERGY

Specification for suppliers

Document scope

Guidance specification for the supply of a turn-key PV Solar system

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WERFEN GUIDANCE SPECIFICATION FOR PV ENERGY SUPPLY QUOTATION

For Independent Contractors

OVERVIEW

Werfen Ltd (UK) is a supplier to NHS through public tenders for the supply of In-Vitro Diagnostics and associated products. Increasing focus on and measures taken to address the environmental impact of our business will support our response to increasingly prevalent supplier selection requirements in this area. Accordingly, we are pleased to offer this guidance document for contractors providing quotation for the project delivery of a solar energy solution to reduce 'Scope 2' carbon emissions for the company's sole UK warehousing and office facility in Warrington UK.

- Aim 1 - Reduce existing GHG emissions of the company in a significant, quantifiable and demonstrable way
- Aim 2 - To develop scope for offsetting expected increases in energy demand from post Brexit warehousing changes and due to increasing prevalence of hybrid and electric fleet vehicles
- Aim 3 – To reduce ongoing costs for the remainder of the (existing) building lease term of 11 years.

The Opportunity

- Capital purchase of a PV solar system
- Purchase of ongoing maintenance and support
- To become an approved supplier for Werfen to support the provision of PV Solar energy and future energy saving / carbon reduction projects

Requirement

- A site assessment of the current energy use, building location, horizon line and available roof space
- Expert evaluation of the above and proposal of an efficient balance of solar array size to cost for offsetting daytime electricity use to effect:
 - A minimum 25% reduction in grid dependency over a 12 month cycle.
 - A peak production capable of covering at least 90% of summer daytime use.
 - A system with degradation of less than 1% efficiency per year.
- Appropriately certified Panels and inverter equipment, with proven history and safety record and warrantied or supported with a life expectancy exceeding 15 years.
- Demonstratable return on investment within an 11 year period, with a maximum assumed energy cost increase of 2% per year and a feed in rate not exceeding £0.01p per kWh (plus RPI increase) for calculation of
- Structural survey of the building with provision of required document to gain a License for alteration from the property owner to implement the system.
- To submit application to the DNO for connection on behalf of Werfen.

Selection Criteria

The vendor will be selected based on a combination of financial, technical and supplier engagement criteria.

- Supplier must be able to deliver a completed project by December 18th 2020 (subject to award of business not less than 10 weeks ahead of this date)
- Financial assessment will include both the initial purchase and installation as well as ongoing system costs. Selection will not be based purely on the lowest cost solution.
- Market research will be conducted by Werfen to understand the relative merits of solution and products proposed.
- Warranty and product life will need to be documented to meet the requirement set out above
- Suppliers engagement, through responsiveness to our requirements and questions will be considered when selecting the successful supplier. Suppliers MUST be able to attend to survey between 27th July and 7th August 2020 and should return initial quotations before the end of August 2020
- Any added value solutions offered to supplement Werfen's energy efficiency improvements will be considered as part of the selection process.

Vendors must comply with Werfen's 'supplier assessment' criteria, information security requirements and provide all necessary RAMS prior to commencement.

Suppliers must provide suitably qualified electrical contractors to complete the works, preferably not subcontracted, and must have a proven history of delivery of similar projects.

Suppliers must be based within a 35 mile radius of the installation location – WA3 6DE. This criteria is applied to support local business whilst also ensuring that the delivery of the project has minimal environmental impact.



If you have any questions regarding this proposal, please contact knaidu@werfen.com.

Thank you for your interest and consideration in assisting Werfen with this project.