

SME Energy Efficiency Scheme (SMEES)

Request for Quotation (RfQ)

We are seeking quotations for the project as described below. Please ensure that any proposals address every detail of the specification and general requirements in order for them to be considered. The company requesting the quotation (details below) is not required to consider any quotations that do not meet all of the aspects of this document.

The SME Energy Efficiency Scheme (SMEES) is an initiative led by Tees Valley Business, which is the local growth hub for Tees Valley and part of the Tees Valley Combined Authority, to support SMEs in the Tees Valley to improve energy efficiency and save money.

SMEES is part funded by the European Regional Development Fund (ERDF) as part of the European Structural and Investment Funds Growth Programme 2014-2020. Support is delivered by technical specialists at Decerna Limited, is fully-funded for SMEs with trading addresses within Darlington, Redcar & Cleveland, Hartlepool, Stockton-on-Tees and Middlesbrough.

Details of the opportunity

One of the companies or Small and Medium-sized Enterprises (SMEs) participating in the SMEES project is currently seeking quotations from suitably qualified and experienced organisations to supply and install Click or tap here to enter text. at their trading address.

Company requesting quotation

Legal name	Three Brothers Brewing Company Limited
Trading address	Unit 4, Clayton Court, Stockton on Tees
Post code	TS18 3QX
VAT number	238369281

Contact details

Contact name	David Dodd
Email	info@threebrothersbrewing.co.uk
Phone	07532100555

Specification

Three Brothers Brewing Company currently produces a variety of beers and their setup involves large amounts of cooling to maintain the correct temperature at various stages of the brewing process. At present, this cooling is provided by a number of individual glycol remote coolers, of the type commonly used to cool draught beer lines. The efficiency of these is estimated to be quite poor, meaning there is an opportunity for the Brewery to significantly reduce their operating costs by replacing all the existing glycol coolers with a single, larger unit with higher performance. Cooling is provided to 6 x 10bbl fermenter, 1 x 20bbl Conditioning tank, 3 x 10bbl conditioning tanks, 2 x 6bbl Conditioning tanks, 1 x Cold liquor tank. Total of 13 individual vessels, with target temperatures of 4-6°C on the fermenters and -1 - 2°C on the conditioning tanks.

It has been estimated that a suitable replacement will have a cooling capacity of approximately 40kW, and due to restrictions imposed by the building owner, no outdoor condensers are permitted so, therefore, all plant must be located internally.

Alongside the installation of this new cooler, to maximise performance and reliability of the system, it will be necessary to upgrade the coolant distribution pipework from the existing plastic hoses to a fixed system of stainless steel pipework. Quotations should therefore include the following:

- Supply and installation of circa 40kW packaged glycol cooler for indoor installation, selected primarily for a high coefficient of performance as well as meeting the basic operating needs of the brewery.
- Supply and installation of suitably sized stainless steel flow distribution pipework including main flow and return plus branches for each brewing vessel.
- Supply and installation for all necessary pressure relief, commissioning and control valves, fittings and appropriate comprehensive pipe insulation.
- Supply and installation of system controls to integrate with inhouse control panel
- Testing, commissioning and handover of completed system.

Any equipment, materials or services that are required to achieve a complete and operational system must either be included in the quotation or clearly itemised in a list of exclusions.

Regardless of whether the proposed installation falls under F-gas regulated works, installers wishing to submit a quotation for this work should be F-gas certified via one of the recognised certification bodies (Refcom, F-Gas Register (Quidos), Bureau Veritas).

A site survey and inspection of the current setup is possible although this must be arranged in advance via the contact named above.

Please see further general requirements overleaf.

What is required from all interested parties

A quotation must:

<input type="checkbox"/>	Be on letterhead or clearly identify the legal entity quoting (name of limited company etc.).
<input type="checkbox"/>	Make reference to this RfQ document.
<input type="checkbox"/>	Be dated with a validity period. To allow the procurement process to be completed, quotations must be valid for a minimum of 30 calendar days.
<input type="checkbox"/>	Fully meet the specification or detail how an alternate solution is more appropriate.
<input type="checkbox"/>	Clearly state the manufacturer and model number(s) being specified, and the quantity and proposed onsite location(s) of each.
<input type="checkbox"/>	Provide manufacturer datasheets for products and detail within the quotation how many of each specific type of product are to be installed.
<input type="checkbox"/>	Clearly state the warranty period(s) for the proposed equipment, as well as the workmanship.
<input type="checkbox"/>	State the total amount, both excluding and including VAT.

How successful supplier/candidate will be chosen

The procurement decision will be made by the company requesting the quotation and not by the SMEES delivery team. A contract will be awarded based on the following criteria:

- Total cost
- Performance of the carbon saving equipment
- Overall level of suitability of the carbon saving equipment
- Qualifications and level of relevant experience of the supplier/candidate.

Deadline and details of how to apply

Quotations should be submitted to the email address under contact details on page 1 of this document.

This advert was issued on 04/08/2022 and the deadline for responses is 23:59 on 18/08/2022.