SPECIFICATION FOR WARREN HILL CREMATORIUM, ROTHWELL ROAD. KETTERING – REPLACEMENT HOT WATER BOILERS.

PREAMBLE

General Requirements

Tenders are invited from Kettering Borough Council for Replacement Hot Water Boilers at Warren Hill Crematorium, Rothwell Road, Kettering, Northamptonshire. NN168XE.

Information, Costs and Expenses

Contractors are responsible for obtaining all information necessary for the preparation of their Quotation and all costs expenses and liabilities incurred in connection with the preparation and submission of a quotation.

Submission of Quotation

Your quotation should be submitted together with any Pricing Schedule and Supporting Information to: webprocurement@kettering.gov.uk

Further information and Queries

Please address any queries or requests for further information to:

webprocurement@kettering.gov.uk

Freedom of Information Act 2000:

1. Information in relation to this tender may be made available on demand in accordance with the requirements of the Freedom of Information Act 2000.
2. Contractors should state if any of the information supplied by them is confidential or commercially sensitive or should not be disclosed in response to a request for information under the Act. Contractors should state why they consider the information to be confidential or commercially sensitive. This will not guarantee that the information will not be disclosed but will be examined in the light of the exemptions provided in the Act.
3. It is important to note that information may be commercially sensitive for a time (e.g. during a tender process) but afterwards it may not be. The timing of any request for information may be extremely important in determining whether information is exempt. However, contactors should note that no information is likely to be regarded as exempt forever.

OUTLINE SPECIFICATION

Location

Warren Hill Crematorium is located on the outskirts of Kettering close tom the A14 and A43 Northern By-pass. There are several car parks at the facility with service bookings available from 09:00 to 15:30 Monday to Friday with the facility being managed by our Cemetery and Crematorium team.

The Boiler Room is part of a small complex that includes 2 Chapels, a Crematory, facilities normally found at a Crematorium and offices associated with the complex usage.

Background

The Crematorium opened over 60 years ago and it is believed that the Boilers were last replaced in the 1990’s. In 2013 and 2014 significant works were undertaken at the Crematorium with the Boilers continuing to provide the Hot Water required to heat the complex when there are no Cremations being undertaken.

There have been some repairs to the recuperative system and at the start of the year one of the Boilers was found to be unsafe and was de-commissioned.

Following a recent non-intrusive inspection of the Heating and Hot Water Systems it was found that:

1. HEATING BOILERS

The boilers which provide a heat source for the water used to heat the complex were last replaced approximately 30 years ago were not fit for purpose and beyond economic repair. It was recommended that the boilers are replaced with more efficient boilers as part of an upgrade project.

1. ANCILLARY WORKS

The pumps, valves and controls in the Boiler Basement and the Flue should be replaced. The removal and proper disposal of the existing Boilers, redundant Pipework, and associated fittings is part of the works.

Introduction and Outline of Works

The current Boilers are not as efficient as they were at the time of their installation and do not meet the latest standards.

The Controls, Valves and Pumps have not been replaced for a considerable number of years with some parts being the subject of temporary repairs pending replacement.

Contractors should note that the evaluation of the contract is predominately based Quality as it is essential that the Crematorium remains open.

Core Works

Installation of the Boilers and the ancillary pumps and flues is part of an exercise to undertake all repairs and updates to the Heating System.

It is intended to improve the Hot Water Heating system at the Crematorium Complex by:

1. Replacing the existing Boilers with new meeting all current standards that are more efficient and environmentally friendly than the existing Boilers.
2. Replace all the Controls, Pumps and Valves in the Boiler Room that are required to enable the Heating to operate efficiently.
3. Establishing a schedule of the Boilers, parts, fittings, controls, pumps, and valves that form part of the Hot Water Heating Systems and all the parts used to undertake this contract
4. Establishing contact with a supplier who can readily undertake any repairs to and servicing of the Hot Water systems to return them to being fully operational as speedily as is possible in the event of a breakdown.

It is intended that the all the installations will be tidier and more efficient than those existing with:

1. All existing pipework whether surface mounted or not being removed and recycled.
2. The Replacement Water Heaters being of smaller size than those existing
3. The installation being tidier than the existing and easier to maintain
4. Improved Control of all of the Heating, Hot Water and Ventilation systems.

NOTE:

All Contractors are advised to visit the site before completing Part 4 “Quotation Response” form and ensure any queries regarding the works by 12 Noon on 15th February 2021.

It is envisaged that there will be a minimum of disturbance to customers and staff at the Crematorium complex.

Contractors should indicate the intended sites for storage of materials when submitting their tender.

Contractors should indicate the measures that they will take and the time that they have allowed to undertake the works and how they will allow the complex to be used during the period for which they are likely to be on site.

Essential Boiler Room Basement Works

1. Supply and Installation of replacement of the existing boilers with 2 No 80kw condensing boilers mounted on the manufactures purpose-built frame & header kit in the boiler room with a new flue system terminating through to outside at high level.
2. Supply and installation of all associated pipework and ancillary equipment in the Boiler Room Basement.
3. Supply and installation of a new gas connection and ancillary fixtures and fittings.
4. Supply and Installation of a new heating system circulation pump if found to be required.
5. Supply and Installation of new controls to update the existing.
6. Testing and commissioning of the new gas fired boiler installation.
7. Removal and proper disposal of the existing Boilers, redundant pipework, pumps, fittings, and control panel.

Execution of Works and Access to the Works Area

It is anticipated that all the works to the Boilers and associated Pipework will be undertaken as a continuous operation with the Crematorium being open for use at all times.

Access for the work will be via the steps at the rear of the complex.

Contractors preferably undertake the works whilst the Crematorium complex is not in use or in a manner that does not prevent the normal use of the complex.

Contractors will be able to work in the Plant Room alone outside Opening Hours following a request to do so being approved by Russ.howell@kettering.gov.uk.

Responsibilities

The Public Services Team is responsible for the contract who manage the complex for Kettering Borough Council and for these works being executed.

Use of Site

The Crematorium Complex is used by occasional and regular visitors to the site as a whole between Dawn and Dusk throughout the year including Bank Holidays

Any bookings for use outside the normal opening hours are made at least 14 working days in advance and the successful contractor will be given 10 days’ notice of any of these bookings.

It is essential that the works are arranged in a manner that does not allow the public to access the work areas from the public car park or areas within the Crematorium complex.

It is essential that the works area/s are secured when work is not being undertaken particularly overnight and at weekends to prevent any person/s having access to the site area.