SPECIFICATION FOR WARREN HILL CREMATORIUM, ROTHWELL ROAD. KETTERING – CREMATORS RELINE and ANCILLARY WORKS.

PREAMBLE

General Requirements

Tenders are invited from Kettering Borough Council for Relining of 2 No. A.T.I. Cremators and Ancillary Works 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 Crematory is part of a small complex that includes 2 Chapels, a Basement Boiler Room and facilities normally found at a Crematorium and offices associated with the complex usage.

Background

The A.T.I. CR2000 and XXL Cremators were installed in 2013/14 with a joint Mercury Abatement Unit. In 2013 and 2014 significant works were undertaken at the Crematorium with Major Works being executed at the site that included an extension being constructed to house the Cremators and abatement equipment.

There has been some work executed to the Lower Chambers and Hearths of both of the Cremators, but they have not been relined since there installation and they have currently undertaken approximately 7,500 cremations each.

Following a Service in Autumn 2020 some cracks were found in the linings and it was decided that the best course of action in the current unusual circumstances was to Re-line both Cremators as soon as it was possible. As there is likely to be a relaxation of the current Lockdown and with numbers decreasing it was felt that the best time to start the Relining work was over the Easter Bank Holiday with all of the work being completed before the end of the Spring Bank Holiday on Tuesday 5th May 2021.

1. ATI TYPE CR2000 and XXL Cremators

The Cremators are normally in use from 08:00 to 18:00 Monday to Friday and occasionally on Saturday Mornings. The Cremators are of different sizes and it is expected that at all times during the works one of the Cremators will be working, possibly with extended working hours if that is required by demand. During the works, the closest / Albert Munn chapel will be closed such that access for the work can be made via a Fire Door closest to the Cremators. Before and after works are executed the contractor will be required to contact Chris James and allow him and /or his staff to shut down and start up each of the Cremators.

1. ANCILLARY WORKS

All of the existing insulation shall be replaced, and the Stainless-Steel Nosing’s will be removed, stored for reuse, and replaced when the Relining of affected Cremator has been completed.

It should be noted that the New Hearths will be 5mm below the level of the Nosing’s and they should be refitted at exactly the same level as they were at before removal and storage.

Introduction and Outline of Works

The current Cremators have had a significant amount of work to controls, abatement equipment, the recuperative heating controls, pipework and valves over the preceding 14 months to ensure that they are operating as efficiently as possible and Contractors suggestions for improvements to Linings and Insulation will be favourably considered.

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 new Lining and Insulation to the A.T.I. CR2000 and XXL Cremator’s.

It is intended to undertake the Relining Works by:

1. Ensuring that Cool down and Heating up of the Cremators is controlled by CHRIS JAMES and / or a member of his staff.
2. Taking out all of the existing Refractory Bricks and Insulation, placing the arisings into appropriate containers and the removal, recycling, or proper disposal of all of the arisings.
3. Removal of and the disposal of all of the existing insulation from the Main Chamber Doors.
4. Cleaning out and repairing all of any revealed damage to the Shell of the Cremators.
5. Replacing and improving the insulation of the Cremator Shell by installing more or improved insulation material.
6. Supply and Installation of new high-quality Alumina bricks to the Main Chamber of each cremator to its original cremator design against the new insulation.
7. Supply and Installation of the high-quality refractory brickwork to the Lower Afterburner Chambers.
8. Supply and installation of New Hearths using Hearth Tiles capable of withstanding at least 1750 degrees.
9. Supply and Installation of Full-Length Brick Arches supported by and being constructed of the same high Alumina as being used for the new chamber walls.
10. Supply and Installation of new High Temperature (Minimum 1260 degree) fibre insulation to the Main Chamber Doors.
11. Repairing any damage to surfaces caused by the works.
12. Cleaning the site on completion and issuing a Completion Certificate upon completion of all of the works.

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 10th March 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.

Execution of Works and Access to the Works Area

It is anticipated that all the works to the Cremators 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 Fire Door at the rear and the Service yard to the front of the Crematory.

Contractors should 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 Crematory 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 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.