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Tender

ISO 11 Incinerator Life Extension Project - WP 5 Refractory Replacement

THE PIRBRIGHT INSTITUTE

F02: Contract notice

Notice identifier: 2024/S 000-028819

Procurement identifier (OCID): ocids-h6vhtk-04994a

Published 9 September 2024, 3:15pm

Section I: Contracting authority

I.1) Name and addresses

THE PIRBRIGHT INSTITUTE

Pirbright

WOKING

GU240NF

Email

Procurement.Department@pirbright.ac.uk

Country

United Kingdom

Region code

UKJ25 - West Surrey

Companies House

559784

Internet address(es)

Main address

<https://www.pirbright.ac.uk/>

I.3) Communication

Access to the procurement documents is restricted. Further information can be obtained at

<https://Procurement.Department@pirbright.ac.uk>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://PirbrightTenders@pirbright.ac.uk>

Tenders or requests to participate must be submitted to the above-mentioned address

I.4) Type of the contracting authority

Other type

Institute

I.5) Main activity

Other activity

Animal Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

ISO 11 Incinerator Life Extension Project - WP 5 Refractory Replacement

Reference number

BC22-004

II.1.2) Main CPV code

- 42320000 - Waste incinerators

II.1.3) Type of contract

Supplies

II.1.4) Short description

Design and Build of Work re. Incinerator Kiln Refractory Lining replacement for the Primary and Secondary Combustion Chambers.

The scope of works will involve:

- Detailed design and configuration of the new refractory lining and anchors based on the existing plant, drawings and documentation.
- Supply and delivery of all refractory materials and anchors including any materials used for forming, moulding, and support structure (e.g. wood, polystyrene) and 1 tonne waste bags with sealable tops.
- Deconstruction of existing refractory lining and Anchors (Disposal of waste by others)
- Installation of the new anchors and refractory lining as per agreed detailed design.
- Management of drying out and curing of the lining.
- Management of all subcontractors employed by the supplier to complete these works.
- Submission of O&M containing all required details as per PIF and separate section to provide information needed for the Health and Safety File. Please see Contract Scope section in ITT document.

II.1.5) Estimated total value

Value excluding VAT: £405,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 44192000 - Other miscellaneous construction materials
- 45000000 - Construction work
- 51135110 - Installation services of waste incinerators
- 71310000 - Consultative engineering and construction services
- 71320000 - Engineering design services

II.2.3) Place of performance

NUTS codes

- UKJ25 - West Surrey

II.2.4) Description of the procurement

The contract is for a single supplier to provide Design and Build of Work Package 5 - Incinerator Kiln Refractory Lining Upgrade to the Primary and Secondary Combustion Chambers, as per the user requirement specification (URS) for The Pirbright Institute (Pirbright), Ash Road, Pirbright, Surrey, GU24 0NF.

The scope of this contract is to replace the Kiln Refractory Lining for the Primary and Secondary Incinerator Chambers to ensure that the ISO 11 incinerator remains available to operate, safe, reliable and will serve the building for a minimum of 10 years.

The scope of works will involve:

- Detailed design and configuration of the new refractory lining and anchors based on the existing plant, drawings and documentation.
- Supply and delivery of all refractory materials and anchors.
- o This would include any materials used for forming, moulding, and support structure (e.g.

wood, polystyrene) and 1 tonne waste bags with sealable tops.

- Deconstruction of existing refractory lining and Anchors (Disposal of waste by others)
- Installation of the new anchors and refractory lining as per agreed detailed design.
- Management of drying out and curing of the lining.
- Management of all subcontractors employed by the supplier to complete these works.
- On completion, an O&M is to be submitted which provides details of works from design to completion. The O&M should include all relevant items shown in the PIF and a separate section which provides details of the following
 - o Brief Description of the works being carried out.
 - o Project Risk Assessment.
 - o Key structural principals.
 - o Hazardous materials used.
 - o Information on the future removal of installed plant.
 - o H&S information about equipment provided for cleaning or maintaining installed plant.
 - o The nature, location and markings of significant services.
 - o Information and as built drawings of buildings, plant and equipment.
 - o Step by step activities to carry out the works.
 - o Lesson Learnt, challenges met and how they were overcome.
 - o Details on how the curing burners are set up and how the ventilation and ID fans are set up to draw away the heat.
- As part of the works, the supplier should also provide the following:
 - o Provision to ensure safe access and egress to confined spaces (Gas monitors, Rescue Personnel, Outside Watchman, etc)
 - o All provisions for the deconstruction, installation and drying / curing of the refractory, including but not limited to:

- ? All necessary machinery and equipment required for the works.
- ? Provision of lighting in the individual plant sections.
- ? Provision of transport vehicles required for the works which is not listed as part of the CDM site below.
- ? Provision of weather protection for any equipment and materials used/stored outside.
- ? Air compressor and fuel.
- ? Extraction fans and filtration to minimise dust generation within area of works.
- ? All PPE required for safe working during all works.
- ? Equipment and fuel required for drying and curing of the refractory lining. Recommend diesel burner as gas would be difficult to arrange on site.

A CDM Construction site will be set up as part of the overall project which will provide for the following:

- Site Supervision
- HERRAS fencing and appropriate signage around CDM area
- Site Office
- Welfare Office including changing areas
- Waste skips
- Scissor lift
- Fork-lift truck / telehandler
- CDM documentation / inductions / daily logs / management of RAMS

Additional information:

As part of the tender, the supplier is to provide option costs and timescales for the following:

- Completion of both chambers within a single visit based on normal working hours only.

- Completion of both chambers within a single visit based on normal and extended working hours.
- Completion of both chambers over two visits (i.e. one chamber per visit) based on normal working hours only.
- Completion of both chambers over two visits (i.e. one chamber per visit) based on normal and extended working hours.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Start date

19 November 2024

End date

31 December 2025

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: Yes

II.2.11) Information about options

Options: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

11 October 2024

Local time

12:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 6 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

11 October 2024

Local time

2:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.3) Additional information

This requirement has also been advertised on Contracts Finder.

<https://www.contractsfinder.service.gov.uk/Notice/68f650ff-b91d-4efe-b3a2-4c0ec9c59c2b>

The ITT package can be found on Contracts Finder or on request from Procurement.Department@pirbright.ac.uk.

Please note that Appendix H - Confidentiality Agreement must be completed, signed, and emailed to Procurement.Department@pirbright.ac.uk asap. Then and only then will access to the full ITT package (Appendix E1 - Site Documents, Appendix E2 - Incinerator Dimensions and Appendix E3 - Front Plate Technical Datasheets) be granted to the requester.

VI.4) Procedures for review

VI.4.1) Review body

The Pirbright Institute

Pirbright

Country

United Kingdom