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| **Invitation To Tender** | | Logo |
| **Title:** | IS4L Electrification of Heat Project | |
| **Date:** | 08-11-21 | |
| **Author:** | Veekash Bhowruth | |
| **Owner:** | Holly Collen | |
| **Client:** | The Pirbright Institute | |
| **Version No:** | 2 | |

# Document History

## Document Location

N:\E&M Dept\private\EMS\Procurement\Contracts Finder\ CP2021009 – IS4L Electrification of Heat Project

## Revision History

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| --- | --- | --- | --- |
| **Version** | **Date** | **Details** | **Author** |
| 1 | 08-11-21 | First issue | VB |
| 2 | 22-11-21 | Second issue | VB |

Changes from previous version are highlighted yellow.

## Approvals

This document requires the following approvals.

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Issue Date** | **Version** |
| Holly Collen | EMS Commercial Officer |  | 1 |

## Issue History

In addition to the approvers, this document has been issued to:

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| --- | --- | --- | --- |
| **Name** | **Purpose** | **Date of Issue** | **Version** |
| To Tenderer | For Tendering |  | 1 |
| To Tenderer | For Tendering | 22-11-21 | 2 |

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# Introduction

The IS4L facility at The Pirbright Institute acts as a focus for the production, maintenance, analysis and genetic modification of mosquitoes with a view to controlling internationally important viruses of humans and livestock. This project is part of a strategy to improve resilience within the IS4L Building, whilst also working towards the Site’s Net Carbon Zero Strategy by reduction of fossil fuel use. The project will be to replace the LTHW system and AHU humidification with technology that will not require steam from a gas fired steam boiler.

## Document Purpose

The primary purpose of this document is to provide potential suppliers with the information to allow them to submit a tender for the works.

## Contract Notice

A notice for this contract was placed on contracts finder on the 8th November 2021.

## Contract Type

The contract will be The Pirbright Institute Standard Terms and Conditions.

# Contract Scope

The contract is for a single supplier to provide Mechanical and Electrical services to replace an LTHW System and 2 x AHU humidification systems.

IS4L is currently heated using Low Temperature Hot Water (LTHW), which is generated by steam from a gas fired boiler. Humidification for the main AHUs is provided by injecting steam directly into the AHU air stream. The current LTHW system is reaching its end of life, has numerous maintenance issues and need replacing to ensure resilience for this critical building. This presented an opportunity to replace the system with technology that would result in a reduction of fossil fuel usage on site. Whilst the humidification lances to the main AHU have no issues at present, there is also a requirement to replace these with fossil fuel free heating technology.

The aim of this project is to improve the resilience of the IS4L building and work towards the Net Carbon Zero strategy for the site. The objectives are as follow:

* Remove and replace existing LTHW heating system with fossil fuel free heating technology
* Remove and replace existing Steam Humidifiers with fossil fuel free heating technology
* Upgrade of electrical supplies for new equipment
* Upgrade of BMS (Trend 963/IQ Vision) to support new installations

As part of this tender, it is requested that the tenderers provide their recommendations on the best solution to deliver for this project. This can be discussed in detail during the site visits.

# Instructions to Tenderers

## Location of Works

The works will take place at the following address:

The Pirbright Institute

Ash Road

Pirbright, Surrey

GU24 0NF

## Procurement Timetable

The timetable for this tender is anticipated as below:

**Tender Period**: 8th November 2021 – 20th December 2021

**Site Visit Period:** 15th – 19th November 2021 (by appointment)

**Tenders to be submitted by**:   13th December 2021 by 5pm

**Clarifications and tender evaluation period:** 14th – 17th December 2021

**Tender awarded by:** 20th December 2021

## Tender Submission Requirements

Shortlisted tenderers should ensure that their Tender is submitted on company headed paper and confirm the following:

* Cover Letter on company headed paper
* Tender for the IS4L Electrification of Heat Project as specified in the appendices
* Acceptance statement of confidentiality statement included in this ITT document
* Provide details of your companies Safety, Health, Environmental and Quality (SHEQ) capabilities, focusing on SHEQ organisational capability and proposed delivery team’s competency
* Describe how you will manage the Design process and engage with the client team
* Identify the top 5 risks that you would encounter during the lifecycle of the project and explain how these would be mitigated
* Provide case studies demonstrating experience of similar projects whilst undertaking the Contractor role
* Details of whether the dampers will be manufactured in house. If not, please specify the proposed supplier for the isolation dampers.
* Provide details of proposed project team including CV’s and organisation chart with details of relevant experience and qualifications
* Methodology describing approach for undertaking the works and commissioning
* Project Programme detailing:
  + Detailed Design
  + Plant Lead Time
  + Construction
  + Commissioning
  + Handover

## Tender Submission and Clarifications

The TPI contact for queries and clarifications is the TPI Commercial Officer:

Holly Collen

[holly.collen@pirbright.ac.uk](mailto:chris.pope@pirbright.ac.uk)

01483 231169

Site visits are available between 15th – 19th November 2021 and should be arranged through Holly Collen. At least 48 hours notice is required for security clearance.

All queries will be collated and clarifications issued to all tenderers during the process.

Tenders to be submitted via email by 5pm on 13th December 2021 to Holly Collen.

## Tender Evaluation

Once received, tenders will be evaluated by members of the TPI Project team.

Tenders will be evaluated based on cost, commercial and quality aspects, and references will be sought where appropriate.

Evaluation will take the form of scoring via a scoring matrix. The proposed criteria is available with this document and it is recommended that this is used as a reference for the tenders.

Where required, clarifications will be sought by TPI from tenderers to ensure scoring is fair.

Where tender contract price is deemed by TPI to be abnormally high or low, they may be discounted from the competition and not taken through to the scoring stage of the tender. It will be at the discretion of TPI whether clarification is sought for the abnormally high/low proposal. In the event that a tender submission contains other abnormal factors, clarification will be sought by TPI. Should TPI not be satisfied with the clarification response, they may disqualify the tender from the competition and no further evaluation/scoring will be conducted for the tender submission.

On completion of evaluation and scoring of tender submissions, where the highest scoring submissions are within 5% of each other, it will be at the discretion of TPI to award the contract to the supplier they deem most appropriate for the contract provision.

## Payment Stages

The tenderer is to propose staged payments schedule.

## Confidentiality

By submitting a tender proposal in response to this ITT the tenderer is agreeing to the following:

All information supplied to you by The Pirbright Institute, including this ITT and all other documents relating to this Procurement Process, either in writing or orally, must be treated in confidence and not disclosed to any third party (save to your professional advisers, consortium members and/or sub-contractors strictly for the purposes only of helping you to participate in this Procurement Process and/or prepare your tender response) unless the information is already in the public domain or is required to be disclosed under any applicable laws.

You shall not disclose, copy or reproduce any of the information supplied to you as part of this Procurement Process other than for the purposes of preparing and submitting a tender response. There must be no publicity by you regarding the Procurement Process or the future award of any contract unless the Customer Organisation has given express written consent to the relevant communication.

This ITT and its accompanying documents shall remain the property of The Pirbright Institute.

The Pirbright Institute reserves the right to disclose all documents relating to this Procurement Process, including without limitation your tender response, to any employee, third party agent, adviser or other third party involved in the procurement in support of, and/or in collaboration with, the Customer Organisation. The Pirbright Institute further reserves the right to publish the Contract once awarded and/or disclose information in connection with supplier performance under the Contract in accordance with any public sector transparency policies (as referred to below).

By participating in this Procurement Process, you agree to such disclosure and/or publication by the Customer Organisation in accordance with such rights reserved by it under this paragraph.

The Freedom of Information Act 2000 (“FOIA”), the Environmental Information Regulations 2004 (“EIR”), and public sector transparency policies, including the placing of contract award notices on the Contracts Finder database, apply to The Pirbright Institute (together the “Disclosure Obligations”).

You should be aware of The Pirbright Institute’s obligations and responsibilities under the Disclosure Obligations to disclose information held by The Pirbright Institute. Information provided by you in connection with this Procurement Process, or with any contract that may be awarded as a result of this exercise, may therefore have to be disclosed by The Pirbright Institute under the Disclosure Obligations, unless The Pirbright Institute decides that one of the statutory exemptions under the FOIA or the EIR applies.

If you wish to designate information supplied as part of your tender response or otherwise in connection with this tender exercise as confidential, you must provide clear and specific detail as to:

* The precise elements which are considered confidential and/or commercially sensitive.
* Why you consider an exemption under the FOIA or EIR would apply.
* The estimated length of time during which the exemption will apply.

The use of blanket protective markings of whole documents such as “commercial in confidence” will not be sufficient. By participating in this Procurement Process you agree that The Pirbright Institute should not and will not be bound by any such markings.

In addition, marking any material as “confidential” or “commercially sensitive” or equivalent should not be taken to mean that The Pirbright Institute accepts any duty of confidentiality by virtue of such marking. You accept that the decision as to which information will be disclosed is reserved to The Pirbright Institute, notwithstanding any consultation with you or any designation of information as confidential or commercially sensitive or equivalent you may have made.

You agree, by participating further in this Procurement Process and/or submitting your tender response, that all information is provided to The Pirbright Institute on the basis that it may be disclosed under the Disclosure Obligations if The Pirbright Institute considers that it is required to do so and/or may be used by the Customer Organisation in accordance with the provisions provision of this ITT.

Tender responses are also submitted on the condition that the appointed supplier will only process personal data (as may be defined under any relevant data protection laws) that it gains access to in performance of this Contract in accordance with The Pirbright Institute’s instructions and will not use such personal data for any other purpose. The contracted supplier will undertake to process any personal data on The Pirbright Institute’s behalf in accordance with the relevant provisions of any relevant data protection laws and to ensure all consents required under such laws are obtained.

## Conditions of Tender

* In submitting a proposal in response to this invitation to tender tenderers do so on the conditions specified or referred to herein and on the following express conditions.
* Tenderers should consider only the information contained within this invitation to tender, or otherwise communicated in writing to tenderers, when making their offer.
* Information supplied by TPI is supplied for general guidance in the preparation of tenders. Tenderers must satisfy themselves by their own investigations with regard to the accuracy of such information. TPI cannot accept responsibility for any inaccurate information obtained by Tenderers.
* Tenderers shall not, before the date and time specified for return of the tender, communicate to any person the amount or approximate amount of the tender or proposed tender
* The tender shall be a bona-fide tender and shall not be fixed or adjusted by or under or in accordance with any agreement or arrangement with any other person.
* Tenderers shall not enter into any agreement or arrangement with any other person with the intent that the other person shall refrain from tendering or between you agree as to the amount of any other tender to be submitted.
* TPI shall not be liable for, or pay any direct or indirect costs howsoever incurred by any Tenderer in the preparation of their tender, or for the costs of any post-tender clarification meetings, presentations, demonstrations or by any Tenderer who fails to respond by the deadline set.

# Appendices

|  |  |  |
| --- | --- | --- |
| **Reference** | **Title/Details** | **Version** |
| 1 - CP2021009\_SOW\_IS4L Electrification of Heat Project | Scope of Works for the IS4L Electrification of Heat Project | V1 |
| 2 – Scoring Matrix Criteria | Scoring Matrix Criteria for the IS4L Electrification of Heat Project | N/A |
| 3 - Proposed AHU Drawing | 30420-BS-DR-5007 - HVAC PLANT SCHEMATIC AHS01 / GEX01 (PROPOSED) | B1 |
| 4 - Existing LTHW and Heat Recovery Schematic | 109186-05M7799-111 - BUILDING 77 LTW01/02 HEATING AND HEAT RECOVERY SYSTEM SCHEMATIC |  |
| 5 - Existing Steam Pipework Schematic | 109186-05M7799-101 - BUILDING 77 FST01/FSC01 FACTORY STEAM & CONDENSATE PIPEWORK SCHEMATIC |  |
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