

Expression of Interest



Title: Plowright AHU Damper Replacement Project
Date: 20/09/21
Author: Veekash Bhowruth
Owner: Anthony Clarke
Client: The Pirbright Institute
Version No: 1

1 Document History

1.1 Document Location

N:\E&M Dept\private\EMS\Procurement\Contracts Finder\Plowright AHU Damper Project

1.2 Revision History

Version	Date	Details	Author
1	20/09/21	First issue	Veekash Bhowruth

Changes from previous version are highlighted yellow.

1.3 Approvals

This document requires the following approvals.

Name	Title	Issue Date	Version
Anthony Clarke	Capability Leader - Operational Project Manager	20/09/21	1

1.4 Issue History

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

Name	Purpose	Date of Issue	Version
Contracts Finder	Expression of Interest	20/09/21	1

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3 Introduction

The Pirbright Institute (TPI) is inviting Expressions of Interest (Eoi) to tender for a project to replace isolation dampers for Air Handling Units (AHU) in the Plowright Building which provide HEPA filtered air to high containment laboratories.

3.1 Document Purpose

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

3.2 Contract Notice

A notice for this contract was placed on contracts finder on the 20th September 2021 by TPI.

3.3 Contract Type

The contract will be based on the following model:
NEC3 Engineering and Construction Contract with Activity Schedule

4 Contract Scope

The contract is for a single supplier to provide Mechanical and Electrical services to replace the isolation dampers in the 7 x Supply AHUs across the 3 x ventilation systems serving the biocontainment areas of the North and East Wings of the Plowright Building.

A network of air handling and ventilation systems provide an integral layer of the Plowright building's SAPO 4 bio-containment barrier. These provide inward (directional) airflow through negative pressure cascades, created by specialist ventilation systems. Air Handling Units (AHUs) are components of these ventilation systems and contain fans which create these required negative pressure cascades. Typically, AHUs are configured in supply and extract pairs. The Plowright building contains a total of 8 separate ventilation systems, spread across each wing of the building, comprising of a total of 25 x AHUs, each with associated isolation dampers which enable the air system to be shut off for maintenance and servicing.

Of the 25 x AHUs, 7 x supply AHU have isolation damper which do not currently form an airtight seal due to missing seal material and slipped teeth on the gearing mechanism. This Eoi is for the replacement of these AHU isolation dampers. The isolation dampers are on non-contained ductwork and have a Class C Leakage rate, which is 0.35 l/s/m² @ 1,500Pa.

In addition to the replacing the isolation dampers, additional viewing ports and access hatches will be required to improve visibility and ease maintenance.

The full scope of work will be issued to shortlisted suppliers.

5 Instructions to Tenderers

5.1 Location of Works

The works will take place at the following address:

The Pirbright Institute
Ash Road
Pirbright, Surrey
GU24 0NF

5.2 Pre-qualification questionnaire

All potential suppliers are required to complete a Pre-qualification questionnaire (PQQ) as an expression of interest and will be issued the invitation to tender (ITT) documentation should they be shortlisted following a shortlisting process.

5.3 Procurement Timetable

The timetable for this tender is anticipated as below:

PQQ to be submitted by: 1st October 2021 by 4pm

Shortlist tenderers and issue ITT by: 8th October 2021

Site Visit Period: 18th – 22nd October 2021 (by appointment)

Tenders to be submitted by: 29th October 2021 by 4pm

Clarifications and tender evaluation period: 1st – 5th November 2021

Tender awarded by: 5th November 2021

Expected Contract Set up Period: 8th – 19th November 2021

Expected Contract Start: 22nd November 2021

5.4 Shortlisting of Tenderers

Shortlisting of potential tenderers will be performed by TPI project team.

The criteria of shortlisting will be based on the content of submitted PQQ documents.

Once the EoIs are received, TPI will make a qualitative assessment of the most appropriate suppliers to include in a shortlist and to whom TPI will issue a full Specification and model Contract. TPI is under no obligation to inform the de-selected companies of the reasons for such de-selection

5.5 EoI & PQQ Submission and Clarifications

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

Holly Collen
holly.collen@pirbright.ac.uk
01483 231169

6 Appendices

Appendix A – Pre Qualification Questionnaire (PQQ)