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Tender

Installation of CVIM Generator Back Up Power

THE PIRBRIGHT INSTITUTE

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

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Scope

Reference

EMS/CVIMGENIE/2026

Description

The purpose of this project is to increase the Institute's electrical supply resilience (both continuity of science and vaccine production, plus to reduce potential financial loss), reduce waste and safeguard the vaccine batch production via resilient power supply to the building utilising either mains power or generated power in the event of site wide power failure. This will be achieved by a combination of the following two factors:

- New 510kVA stand-alone emergency back-up generator.
- UPS resilience on critical equipment to ensure power is bridged whilst generator runs up to speed and then takes the load of building.

Contract Scope

The contract is for a single supplier to provide Design and Build of a permanent automatic emergency power back up in case of power failure and to ensure conditions inside the CVIM building remain intact and vaccine production is not interrupted as per the User Requirement Specification (URS) for The Pirbright Institute (Pirbright), Ash Road, Pirbright, Surrey, GU24 0NF.

See Appendix E - Contract Specification.

PROJECT SCOPE AND OBJECTIVES

The Principal objective is to provide permanent automatic emergency power back up in case of power failure and to ensure conditions inside the CVIM building remain intact and vaccine production is not interrupted.

The contract is for a single supplier to provide comprehensive installation of a stand-alone 500kVA generator and Automatic Transfer Switch to supply our new CVIM building that derives its primary power supply from T8 substation. Works to include all wiring and connections (ACB already in place in T8 substation), testing and commissioning , ability to send up to 5 alarms to the BACS control room, concrete base (Approx 6mx 3m and 0.5m deep) lightning protection to match existing Jenner Building generator and pipe in pipe connection to existing diesel fuel tank.

The following Work packages are to provide a one stop shop for the total installation described here in and are subject to a full tender process, advertised on Find a Tender:

The contract is for a single supplier to act as the Principal Contractor and complete all works as follows:

- Delivery of a Stage 4 electrical design with client nominated designer and Project Manager
- Supply and Installation of 1 x 510kVA 3 phase power generator.
- Generator to be fitted with day tank for diesel fuel
- New 3m by 6m concrete pad next to Jenner's generator.
- Means of automatic power disruption detection equipment to auto start generator and switch to generator supply in the event of mains failure.
- Facilitate installation & commissioning of generator and auto switching.

- Added pipe in pipe to existing diesel fuel tank with controls for low level shut off.
- Controls and cabling between new generator and Automatic Transfer Switch (ATS).
- Provision to add a plug in generator into the ATS.
- Test feature of key switches to run Off and On line for testing without affecting normal supply to building.
- Commissioning and handover including Project Information Folder (PIF) is provided to the client Project Manager

Work Package: CVIM Generator and ATS installation

Total value (estimated)

- £104,000 excluding VAT
- £124,800 including VAT

Below the relevant threshold

Contract dates (estimated)

- 27 March 2026 to 29 May 2026
- 2 months, 3 days

Main procurement category

Works

CPV classifications

- 31100000 - Electric motors, generators and transformers

- 31120000 - Generators
- 31122000 - Generator units
- 31127000 - Emergency generator
- 44114250 - Concrete slabs
- 45310000 - Electrical installation work
- 45317000 - Other electrical installation work
- 51111000 - Installation services of electric motors, generators and transformers
- 51111200 - Installation services of generators

Participation

This procurement is reserved for

Suppliers from Surrey

Submission

Enquiry deadline

6 February 2026, 12:00pm

Tender submission deadline

6 March 2026, 12:00pm

Submission address and any special instructions

<https://in-tendhost.co.uk/thepirbrightinstitute/aspx/Home>

Tenders may be submitted electronically

Yes

Award criteria

Details are included in Appendix B - CVIM Generator Project Scoring Matrix V1

Procedure

Procedure type

Below threshold - open competition

Documents

Associated tender documents

<https://in-tendhost.co.uk/thepirbrightinstitute/aspx/Home.>

The ITT Pack Scan be viewed via <https://intendhost.co.uk/thepirbrightinstitute/aspx/Home>. Upon completion of Appendix H- Confidentiality Agreement, the full ITT pack including 6. Appendix E1 - Site Documents & 6. Appendix E2 - T8 Switch room Drawings will be issued.

Contracting authority

THE PIRBRIGHT INSTITUTE

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Pirbright Laboratory Ash Road

Woking

GU24 0NF

United Kingdom

Email: Procurement.department@pirbright.ac.uk

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

Region: UKJ25 - West Surrey

Organisation type: Public undertaking (commercial organisation subject to public authority oversight)