

Hot Cells Design

Buyer: EU SUPPLY LIMITED

Description:

This RFP covers The United Kingdom Atomic Energy Authority ("the Authority's") requirement for UKAEA to issue a design contract for a hot cell extension at its Materials Research Facility (MRF) at its Culham site in Oxfordshire. This would cover the preliminary and detailed design of:

- Two new hot cells (HC4 & HC5) as an extension of the existing hot cell line, each containing a mobile inner containment.
- The integration of advanced sample fabrication equipment (Viteris VHMC03-UKAEA) and mechanical test equipment (walter+bai LFV-20 kN with climate chamber and furnaces from Severn Thermal Solutions, all supplied by DWE Scientific Limited) into the inner containments from HC4 and HC5 respectively. This would include the provision of all services (power, fluids, cooling, gases, hydraulics) necessary to operate the equipment
- Two fully serviced docking stations in the active store for the mobile inner containments when not in the hot cells.
- Provision of 'active' ventilation system to the new cells. In addition, upgrades to the existing ventilation systems on all cells to meet new UKAEA safety requirements. Upon completion of the design contract, UKAEA intend to issue an Invitation to Tender under the Open Procedure for the build of the designed system based upon the procured design.

Country:

England

Published date:

May 24 2022

Deadline:

Jun 13 2022

Value:

GBP 500,000

CPVs:

71320000 - Engineering design services

Address:

Culham Science Centre
Abingdon
England

Location:

Abingdon

Contact:

Jim McGough

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Link:

Link to original

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