

IA12 Sub Systems: Port plug, DSM an DFW

Buyer: United Kingdom Atomic Energy Authority

Description:

UK Atomic Energy Authority (UKAEA), based at the Culham Science Centre in Oxfordshire, hereafter referred to as the Purchaser, carries out research into the use of controlled fusion for the generation of power.

In support of the international ITER fusion experiment, under the ITER Robotic Test Facility (IRTF) scope of work, the Purchaser aims to demonstrate the feasibility of remote maintenance operations, that will be carried out within the ITER Hot Cell Complex (HCC). This is being demonstrated through full-scale physical mock-up trials, at the premises of the Purchaser. The results of these trials will inform the final design of the relevant components and systems.

As part of this work, the manufacture and assembly of a mock-up Port Plug, Diagnostic Shield Module (DSM) and Diagnostic First Wall (DFW) and all associated fixings is required.

It should be noted that although it will be necessary to manufacture the components to the exacting standards required for the Purchaser site, they will not be operating in a radiation environment.

Country:

United Kingdom

Published date:

Apr 21 2022

Deadline:

Jun 13 2022

CPVs:

42000000 - Industrial machinery

42100000 - Machinery for the production and use of mechanical power

42900000 - Miscellaneous general and special-purpose machinery

51100000 - Installation services of electrical and mechanical equipment

51120000 - Installation services of mechanical equipment

71333000 - Mechanical engineering services

71334000 - Mechanical and electrical engineering services

Contact:

Ben Osborne

URL:

www.gov.uk/government/organisations/uk-atomic-energy-authority

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