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Planning

Low activation tungsten carbide for in-vessel applications

UK Industrial Solutions Ltd

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-057911

Procurement identifier (OCID): ocids-h6vhtk-059dab

Published 18 September 2025, 7:05pm

Scope

Reference

PP-UKIFS-428

Description

The current MEN aims to gather information on relevant interested organisations (and their capabilities and expertise) that would be interested in contributing to the delivery of the second phase of the STEP programme (2025-2030) on an aspect related to low-activation WC for in-vessel applications.

UKIFS is planning to procure small quantities (~5 kg) each of multiple grades of low-activation WC within required property thresholds detailed in the material specification below. Three of the most promising grades proposed by suppliers, that are within the specification thresholds, will be procured following a tender process. These grades will be characterised, tested and irradiated to determine their suitability for STEP in-vessel applications. UKIFS will lead the delivery of this testing campaign over the next 4 years through collaboration and/or subcontracting, leading to a decision on a baseline grade of low-activation WC

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://ukifs.delta-esourcing.com/tenders/UK-UK-Abingdon:-Metal-ores-and-alloys./E758V33CB7>

To respond to this opportunity, please click here:

<https://ukifs.delta-esourcing.com/respond/E758V33CB7>

Total value (estimated)

- £200,000 excluding VAT
- £240,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 30 November 2025 to 31 March 2026
- 4 months, 1 day

Main procurement category

Goods

Additional procurement category

Services

CPV classifications

- 14600000 - Metal ores and alloys
- 14620000 - Alloys

Contract locations

- UK - United Kingdom

Engagement

Engagement deadline

8 October 2025

Engagement process description

All submission must be submitted by 15:00 on the 8th of October through the Delta tender platform.

Suppliers responding to this PME will have the opportunity to contribute insights that may shape the final tender requirements. All answers and correspondence will be used for market sounding purposes only and will be treated confidentially.

Contracting authority

UK Industrial Solutions Ltd

- Public Procurement Organisation Number: PCRM-7973-DCBL

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