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**Planning** 

# Metal Additive Manufacturing as a Service Challenge

Ministry of Defence

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-021304

Procurement identifier (OCID): ocds-h6vhtk-0358a3

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## **Section I: Contracting authority**

### I.1) Name and addresses

Ministry of Defence

Bristol

#### **Email**

Stephen.banfield100@mod.gov.uk

#### Country

**United Kingdom** 

#### **NUTS** code

UK - United Kingdom

#### Internet address(es)

Main address

https://contracts.mod.uk/esop/guest/go/opportunity/detail?opportunityId=53830

### I.2) Information about joint procurement

The contract is awarded by a central purchasing body

## I.3) Communication

Additional information can be obtained from the above-mentioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

https://contracts.mod.uk/esop/guest/go/opportunity/detail?opportunityId=53830

## I.4) Type of the contracting authority

Ministry or any other national or federal authority

### I.5) Main activity

Defence

## **Section II: Object**

## II.1) Scope of the procurement

#### II.1.1) Title

Metal Additive Manufacturing as a Service Challenge

Reference number

703280451

#### II.1.2) Main CPV code

• 73421000 - Development of security equipment

#### II.1.3) Type of contract

Services

#### II.1.4) Short description

The Authority seeks to establish a Buy and Try at Scale Operational (BATSO) Framework Agreement. The Framework will provide funding to accelerate the maturity of Metallic Additive Manufacturing (AdM) technologies to better exploit the technology within the end-to-end support chain, deliver a more agile response to demand for parts, and begin to generate the inherent efficiencies that this technology promises within an MOD.

#### II.1.5) Estimated total value

Value excluding VAT: £5,000,000

#### II.1.6) Information about lots

This contract is divided into lots: No

### II.2) Description

#### II.2.2) Additional CPV code(s)

- 35421100 Engines and engine parts for military vehicles
- 35422000 Electronic and electrical spare parts for military vehicles
- 35611400 Military transport aircrafts
- 35612300 Support helicopters
- 35612400 Military transport helicopters
- 35631100 Communication satellites
- 35631300 Navigation satellites
- 35642000 Electronic and electrical spare parts for military aerospace equipment
- 35811300 Military uniforms
- 35813100 Helmet covers
- 50111110 Vehicle-fleet-support services
- 50610000 Repair and maintenance services of security equipment
- 50620000 Repair and maintenance services of firearms and ammunition
- 50630000 Repair and maintenance services of military vehicles
- 50640000 Repair and maintenance services of warships

- 50650000 Repair and maintenance services of military aircrafts, missiles and spacecrafts
- 50660000 Repair and maintenance services of military electronic systems
- 73410000 Military research and technology
- 73422000 Development of firearms and ammunition
- 73423000 Development of military vehicles
- 73424000 Development of warships
- 73425000 Development of military aircrafts, missiles and spacecrafts
- 73426000 Development of military electronic systems
- 73431000 Test and evaluation of security equipment
- 73432000 Test and evaluation of firearms and ammunition
- 73433000 Test and evaluation of military vehicles
- 73434000 Test and evaluation of warships
- 73435000 Test and evaluation of military aircrafts, missiles and spacecrafts
- 73436000 Test and evaluation of military electronic systems
- 75221000 Military defence services
- 98362100 Marine-base support services

#### II.2.3) Place of performance

**NUTS** codes

UK - United Kingdom

#### II.2.4) Description of the procurement

The Authority's potential procurement intends to select Suppliers to:

- Produce certified metallic parts for the Defence Inventory, for which the print files are transmissible over the Defence infrastructure;
- Collect and share learning with The Authority and collaborative MOD/ industry working groups regarding the process to fit the parts onto In-Service platform/ equipments (conducted under extant support contracts with The Authority);

- Facilitate collaborative working to generate the underlying processes that will enable rapid scaling across further ranges of inventory;
- Achieve Industry, DE&S and FLC engagement, increased interest and commitment regarding the use of Additive Manufacturing within the UK Defence Supply Chain.

Following on from the initial task to produce a non-safety critical metallic NSN, a series of further spirals are envisaged that will seek to incrementally address increasing degrees of complexity as set out below:

- Spiral 2 a safety critical metallic NSN, produced in the Industrial base, certified by the producer
- Spiral 3 a non-safety critical metallic (or polymer) NSN, produced in a location remote from the Industrial base, certified by the producer
- Spiral 4a a safety critical metallic (or polymer) NSN, produced in a location remote from the industrial base, certified by the producer
- Spiral 4b a non-safety critical metallic (or polymer) NSN, produced in a location remote from the Industrial base, certified by the producer and where access to Design Rights is required

#### II.2.14) Additional information

**Industry Day** 

The Authority intends to hold a virtual Engagement Event, on 27 April 2022. The Authority will take 30-60 minutes outlining the background to the task and expectations, providing a further 30 minutes for clarification questions. Please submit clarification questions, via the Defence Sourcing Portal (DSP):

https://contracts.mod.uk/esop/guest/go/opportunity/detail?opportunityId=53830

## II.3) Estimated date of publication of contract notice

31 May 2022

## Section IV. Procedure

## **IV.1) Description**

## IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

# **Section VI. Complementary information**

## VI.3) Additional information

New documentation has been uploaded to the original opportunity listing, which can be found on the following link:

https://contracts.mod.uk/esop/guest/go/opportunity/detail?opportunityId=53830