**Put Project NIGHTFALL Prior Information Notice (PIN)**

**Section I: Contracting Authority/Entity**

**I.1) Name, addresses and contact point(s)**

Ministry of Defence

MOD Abbey Wood South, 1261, Spruce 2B

Bristol

BS34 8JH

**For the attention of**

Industry

**Country**

United Kingdom

**Further information**

Further information can be obtained from the above mentioned contact point(s)

**Section II: Object**

**II.1) Title attributed to the contract by the contracting authority/entity:**

20250827 - Project NIGHTFALL

**II.2) Type of contract and location of works, place of delivery or of performance**

Services

Service category No 3: Defence services, military defence services and civil defence services

**NUTS code**

* UK - United Kingdom

**II.4) Short description of nature and scope of works or nature and quantity or value of supplies or services**

This Prior Information Notice serves to inform industry about a MOD requirement called Project NIGHTFALL. Please see the single statement of user need (SSUN) below and further details around the project including an industry day.

SSUN: "The User requires a cost-effective, tactical (>600km) ballistic missile, capable of being safely ground launched from a mobile platform in a high threat tactical environment, navigating to and accurately striking a user-programmed co-ordinate. It shall be: operable in harsh physical environments, day and night, of low multispectral signature, resilient in a complex Electromagnetic environment (EME), including within a GNSS denied & degraded environment, and resistant against targeted EW attack and spoofing.

Subject to potential future contract, manufacturing shall be scalable to meet operational requirements at a minimum of 10 units per month, with the ability to further increase."

Overview:

MOD requires the ability to deliver multiple (>2) effectors from a single ground vehicle. Each effector must carry a circa 300kg (high explosive) payload over 600km on a ballistic trajectory, with some basic manoeuvrability. Such solutions are commonly referred to as tactical ballistic missiles. The effector must be able to navigate in a GPS denied environment and strike within 5m of a provided GPS co-ordinate 50% of the time i.e. have a CEP50 of 5m.

Flight time must be rapid – able to strike targets within 10 minutes of an effector launch. Similarly, launch time must be rapid – we envision all NIGHTFALL effectors being fired from the same launcher within 15 minutes of stopping at a launch location. Post launch, the ground vehicle/launcher and crew must be able to rapidly leave the area, ideally in 5 minutes.

The target effector cost is £500,000 all-up per unit, excluding the warhead, launcher and any development costs. We are looking for technologies that can be packaged within 9-12 months to provide at least five all-up units for trials. The design should minimise and ideally be free from foreign government trade and usage restrictions, such as export control. The design must have the ability to be upgraded in the future, such as increasing the range, accuracy, in-flight manoeuvrability, fitted telemetry and other elements as required.

At this stage, MOD is keen to understand Industry’s feedback to this challenge statement. We do not need to be presented with a complete solution. If your product answers part of the problem we encourage you to participate and network with other companies who can also part of the solution. If you are offering part of the solution, we need you to explicitly state which part of the problem you are answering within the categories of:

1. Propulsion system i.e. Rocket Motors or other systems.
2. Airframe
3. Navigation
4. Ability to scale
5. Mobile launcher systems
6. Systems Integration

The project will be prioritising scalability over exquisite solutions.

The following could be government furnished (Gfx):

1. Payload
2. Fuzes
3. Testing ranges/facilities
4. Support for scaling
5. Government SME (DSTL, DE&S) advice

Procurement Approach & Timelines:

The aim is to deliver this product at pace, which means there is an aggressive timeline of a demonstration firing in circa 9 months from any contract award and serial production approximately 3-6 months later, producing a minimum of 10 units per month.

Solutions that should be presented:

* Complete solutions.
* Solutions in any single or multiple categories detailed above.
* Products can include non-UK components.
* Prototype solutions or those with a feasible route to prototype within the defined timeframe.

Solutions that should **not** be presented:

* Solutions exceeding target prices
* Drones or other effectors that do not fly in a ballistic trajectory
* Literature reviews
* Warheads
* Products that cannot be scaled at pace/meet the timelines.

MOD invites industry to attend the industry day to provide feedback on the proposed NIGHTFALL requirement. MOD encourages companies to work together in a consortium to help address the full NIGHTFALL requirements.

Subject to positive feedback from industry that the NIGHTFALL challenge statement is achievable within the initial cost and time envelopes described above, MOD intends to launch a competition via separate notice on the Defence Sourcing Portal. MOD envisions the competition to downselect a small number of proposals (envisioned to be 3) to be provided funding to demonstrate their compliance with the NIGHTFALL requirement in 2026. MOD does not envision that the Procurement Act 2023 applies to Project NIGHTFALL.

**II.5) Common procurement vocabulary (CPV)**

73410000 - Military research and technology

Additional CPV code(s)

35623100 - Air/ground/sea launched cruise missiles

**II.7) Additional information**

Industry day information:

The MOD will be holding a Project NIGHTFALL industry day on 24th September 2025 in London, UK.

Please use the following link for further detail and to submit a request form to attend the industry day:

<https://forms.office.com/e/zUpjSPi06d>

Please note that responses must be submitted by 15:00 (GMT+1) 18th September 2025.

Due to capacity limitations, this industry day is limited to 2 personnel from each company. In the event of the location's capacity being exceeded, the Authority will reduce down to 1 person from each company.

**Section VI: Complementary information**

**VI.2) Additional information**

Conditions regarding this PIN:

1) This PIN is not a call for competition and is not published to reduce time limits for the receipt of tenders;

2) The Authority reserves the right not to commence any procurement or award any contract in respect of this opportunity;

3) The information contained in this PIN may be subject to change due to the impact of governance, assurance, regulatory changes and/or the pre-market engagement outcomes. Insofar as is permitted by law, the Authority shall not be liable for any losses incurred by any party as a result of reliance on the information contained/linked herein;

4) Failure to register an interest in connection with this PIN shall not prevent an organisation from participating in any formal call for competition.

**VI.3) Information on general regulatory framework**

Relevant governmental Internet sites where information can be obtained

**Tax legislation**

<https://des.mod.uk/>

DE&S

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