

PNT PO Policy Support VTN

Development of a technical Position Navigation and Timing (PNT) Policy is a key underpinning activity to enable the UK PNT Project Office (UK PNT PO) to deliver comprehensive and assured advice and guidance across Defence. With the current roadmap indicating a move to a PNT JSP in this Financial Year (24/25), there is a need for additional subject matter expertise, given the lack of Space DT Subject Matter Experts (SMEs) and availability of DSTL SMEs, to enable robust review of the policy throughout its development to ensure the broad scope of the varying directives and guidance are accurately captured, only achievable by a coherent overarching review.

The objective of the investment is to generate Defence Position, Navigation and Timing Policy, capture and establish theatre entry standard and capture/cohere training needs, whilst providing independent advice and guidance service to Defence. This outcome will allow the UK to maintain pace with both allies and adversaries.

The scope of work includes, but is not limited to:

1. Defence Standard – *Mandatory Security Requirements of M-code/SAASM GPS Receiver Systems for UK MOD and Defence Contractors*
2. PNT Management Plan
3. Generic SRD for multiple levels of an 'assured PNT system'.
4. Newly published Knowledge in Defence (KiD) PNT content.
5. JSP 491 leaflet M-Code crypto considerations.
6. Support to a PNT JSP being staffed by UK StratCom.

PNT policy and technical advice will be available from the supplier 'Border Consulting' on an ad hoc basis throughout the term of the contract, which will allow the UK PNT PO to seek guidance in a timely manner when the need arises. Border Consulting will assist with the identification of potential improvements to further ensure MOD and UK industry compliance with US and international standards and regulations.

Single Source Justification – Technical Reasons

The justification for a single source approach on this workstream is for technical reasons. Border Consulting, alone, have the expertise, experience, and know-how to review the PNT Policy due to their extensive knowledge with working with the MoD & DSTL within the PNT area.

Border Consulting hold valuable expertise on technical security on US military GPS applications and experience with developing policy for MOD. The policies with which the Authority requires support need to be reviewed within a short timeframe, thereby rendering it impractical to use alternative suppliers due to the added time and cost it would take for them to fully understand the scope of the requirement. Contracting directly with Border Consulting demonstrates better value for money, in terms of time and cost, as personnel within Border Consulting were the author(s) of the original version of the security requirements document 'Security Procedures and Safety Aspects for the use of GPS NAVSTAR By UK Ministry of Defence and Defence Contractors', which is being incorporated and re-written into a new MOD Defstan this year.

The UK PNT PO requires Border Consulting to peer review the Authority's proposed submission to STANMIS. As the foremost GPS security SME, Border Consulting is therefore the only company that has available the required suitably qualified and experienced personnel to carry out this task.

It is considered that the award of the contract without prior publication of a contract notice in the UK e-notification service (in accordance with the relevant legislation) is lawful in accordance with regulation 16(1)(b)(ii) of the DSPCR 2011 for technical reasons. Prior publication of a contract notice in the Official Journal of the European Union is no longer appropriate.

Contract Value: £48,000 (inclusive of options)

Contract Award Date: 22nd August 2024