

Cover Letter: Threat and Vulnerability TVM Capability HSE Ref 23097

This cover letter is for your information regarding stage one of the dynamic purchasing system qualification to procure an ICT solution for the provision of Threat and Vulnerability Management TVM Capability to HSE. This Request to Participate (“RTP”) in a Dynamic Purchasing System (hereafter ‘the DPS’) for a threat and vulnerability management (TVM) capability is split into three lots (Lot A – IT TVM Capability, Lot B – OT Security Capability and Lot C – Cyber Security Testing Services). Candidates can apply for a single lot, any two lots or all three lots.

The HSE is the Contracting Authority for this public procurement competition on its own behalf and on behalf of all organisations funded by the HSE.

On 14 May 2021, the HSE was subjected to a serious criminal cyberattack (the “Incident”), through the infiltration of IT systems using Conti Ransomware. Over 80% of IT infrastructure impacted leading to unavailability of key patient information and diagnostics. To rapidly enhance the security operations and strengthen the cyber defence posture post the Incident, a number of security services were stood up on an emergency basis. HSE are now in the journey towards standardising these capabilities and associated services.

The Post Incident Review (PIR) that was carried out following the incident has highlighted the need for an enterprise-wide threat and vulnerability management capability covering both IT and OT (Medical devices primarily) devices.

The vision of this capability is to design and implement an enterprise-wide threat and vulnerability management capability which will be augmented by a proactive cyber security testing related service.

Expected benefits include but not limited to:

- Established Threat and Vulnerability Management capability for IT and OT environment.
- Alignment with the cyber defence strategy
- Improved vulnerability discovery and remediation process.
- Reduce HSE’s cyber-attack surface
- Proactively test and embed cyber security controls

This procurement process will be divided into three Lots. The lots are as follows:

Lot A - TVM Capability Implementation for IT Assets are:

- IT Asset discovery
- IT Vulnerability scanning (Authenticated and Unauthenticated)
- External attack surface management
- Web Application vulnerability scanning
- Secure configuration scanning or security policy compliance
- Solution Design and Implementation services

Lot B – OT Security Capability

- OT devices (Primarily medical & relevant IoT devices) discovery
- OT devices (Primarily medical & relevant IoT devices) vulnerability passive scanning and reporting
- OT devices (Primarily medical & relevant IoT devices) threat detection and response (Passively listening on the network)
- Solution Design and Implementation services

Lot C – Cyber Security Testing Services are:

- Red teaming
- Cyber security risk services
- Security Architecture & Design review services
- Internal and external penetration testing
- Web application and API penetration testing

Please Note; Candidates can apply for any single lot, any two lots or all three lots.

Service Requirements:

The service provider to demonstrate capability to deliver on to HSE's requirements outlined in this RTP. Must be a single party contract with the HSE. If a consortium is being proposed, lead vendor to outline % of work subcontracted to 3rd Party. Lead contractor must demonstrate formal governance structure in place with 3rd party.

In line with General Data Protection Regulation (GDPR), the service provider must have EU based data storage (If applicable).

The service provider should have an English-speaking support team.

The service provider should agree with detailed service level agreements during the contract drafting phase.

Additionally, vendors are encouraged to explore collaborative opportunities and may combine their proposals into a unified submission for Lot A, Lot B and Lot C, promoting collaborative efforts among multiple vendors.

Please observe the clarification deadline date and the submission deadline dates.

Should you have any questions or require further clarification, we invite you to submit your queries in writing via the etenders messaging service, using the clarification document specific to each lot included in the tender documents.

We appreciate your interest in this procurement process and look forward to receiving your submission. Thank you for your time and effort.