

# Statement of Requirement (SoR)

---

## *Purpose*

*This document is for new Extra-Mural (EMR) Contracts. Use the Request for Contract Action (RCA) Guidance for EMR page on WikiD when filling out this SoR and a supporting RCA. Please seek assistance if desired from Commercial or your Divisional Procurement Representative.*

*This document is supplier facing and the RCA is an internal document. Please delete non-essential grey text before issuing externally/ to suppliers.*

<b>Reference Number</b>	<b>RQ0000016729</b>
<b>Version Number</b>	<b>0.1</b>
<b>Date</b>	<b>07/09/2022</b>

<b>1.</b>	<b>Requirement</b>
<b>1.1</b>	<b>Title</b>
	Forensic Soil Report (Ecology Exploitation EMR)
<b>1.2</b>	<b>Summary</b>
	Technical report, summarising the potential opportunities with regard to the forensic exploitation of ecological samples (e.g. soils). The technical report would be co-authored by Duncan Pirrie (Helford Geoscience LLP) and Professor Lorna Dawson (James Hutton Institute).
<b>1.3</b>	<b>Background</b>

	Further investigation into the nature of forensic examination of ecological samples required via an external forensic services provider <b>Redacted under FOIA Section 26 – Defence</b>
<b>1.4</b>	<b>Requirement</b>
	<p>The content of the technical report will include:</p> <ul style="list-style-type: none"> <li>• Introduction/Overview</li> <li>• Sampling (field sampling and evidence recovery from exhibits)</li> <li>• Analytical methods and data outputs</li> <li>• Interpretation and evaluation of potential for geolocation</li> <li>• Potential workflows for (a) comparison between known location and questioned exhibits and (b) identification of an unknown location based on a questioned soil sample, including indicative costings and timescales for reporting against the workflows</li> <li>• Relevant case-studies</li> <li>• Challenges and limitations</li> <li>• Future developments &amp; opportunities to enhance interpretation particularly with regard to the identification of unknown locations</li> </ul> <p>The report will be completed and co-authored by Duncan Pirrie and Lorna Dawson. The final report would be issued to DSTL by 1<sup>st</sup> December 2022, and the work invoiced for on completion.</p>
<b>1.5</b>	<b>Options or follow on work</b> <i>(if none, write 'Not applicable')</i>
	Not applicable

1.6 Deliverables & Intellectual Property Rights (IPR)							
Ref.	Title	Due by	Format	TRL *	Expected classification (subject to change)	What information is required in the deliverable	IPR DEFCON/ Condition  <i>(Commercial to enter later)</i>
D-1	Final Report	1 <sup>st</sup> December 2022	Technical report	<i>n/a</i>	<i>Redacted under FOIA Section 43 – Commercial Interest</i>	<p>Introduction/Overview.</p> <p>Sampling (field sampling and evidence recovery from exhibits).</p> <p>Analytical methods and data outputs.</p> <p>Interpretation and evaluation of potential for geolocation.</p> <p>Potential workflows for (a) comparison between known location and questioned exhibits and (b) identification of an unknown location based on a questioned soil sample, including indicative costings and timescales for reporting against the workflows.</p> <p>Relevant case-studies.</p> <p>Challenges and limitations.</p> <p>Future developments &amp; opportunities to enhance interpretation particularly with</p>	DEFCON 705

						regard to the identification of unknown locations.	
--	--	--	--	--	--	--	--

**\*Technology Readiness Level required**

*Notes- IPR should be inserted / checked by commercial staff before sharing with the supplier(s) to ensure accuracy.*

<b>1.7</b>	<b>Standard Deliverable Acceptance Criteria</b>
	<p>Final Report must comply with the Defence Research Reports Specification (DRRS) which defines the requirements for the presentation, format and production of scientific and technical reports prepared for MoD.</p> <p>Final Report shall describe the entire work performed under the Contract in sufficient detail to explain comprehensively the work undertaken and results achieved including all relevant technical details of any hardware, software, process or system developed there under. The technical detail shall be sufficient to permit independent reproduction of any such process or system.</p> <p>All Reports shall be free from spelling and grammatical errors and shall be set out in accordance with the Statement Of Requirement (1) above.</p> <p>Failure to comply with the above may result in the Authority rejecting the deliverables and requesting re-work before final acceptance.</p>
<b>1.8</b>	<b>Specific Deliverable Acceptance Criteria</b>
	Redacted under FOIA Section 40 – Personal information

<b>2.</b>	<b>Quality Control and Assurance</b>
<b>2.1</b>	<b>Quality Control and Quality Assurance processes and standards that must be met by the contractor</b>
	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>ISO9001</b> (Quality Management Systems)</li> <li><input type="checkbox"/> <b>ISO14001</b> (Environment Management Systems)</li> <li><input type="checkbox"/> <b>ISO12207</b> (Systems and software engineering — software life cycle)</li> <li><input type="checkbox"/> <b>TickITPlus</b> (Integrated approach to software and IT development)</li> <li><input type="checkbox"/> <b>Other:</b> (Please specify below)</li> </ul>

2.2	<b>Safety, Environmental, Social, Ethical, Regulatory or Legislative aspects of the requirement</b>
	N/A

<b>3.</b>	<b>Security</b>	
<b>3.1</b>	<b>Highest security classification</b>	
	<b>Of the work</b>	Redacted under FOIA Section 43 – Commercial Interest
	<b>Of the Deliverables/ Output</b>	Redacted under FOIA Section 43 – Commercial Interest
<b>3.2</b>	<b>Security Aspects Letter (SAL)</b>	
	Not applicable If yes, please see SAL reference- <i>Enter iCAS requisition number once obtained</i>	
<b>3.3</b>	<b>Cyber Risk Level</b>	
	Not applicable	
<b>3.4</b>	<b>Cyber Risk Assessment (RA) Reference</b>	
	Redacted under FOIA Section 43 – Commercial Interest  If stated, this must be completed by the contractor before a contract can be awarded. In accordance with the Supplier Cyber Protection Risk Assessment (RA) Workflow please complete the Cyber Risk Assessment available at <a href="https://www.gov.uk/guidance/supplier-cyber-protection-service">https://www.gov.uk/guidance/supplier-cyber-protection-service</a>	

<b>4.</b>	<b>Government Furnished Assets (GFA)</b>				
GFA to be Issued - No					
<i>If 'yes' – add details below. If 'supplier to specify' or 'no,' delete all cells below.</i>					
<b>GFA No.</b>	<b>Unique Identifier/ Serial No</b>	<b>Description:</b> <i>Classification, type of GFA (GFE for equipment for example), previous MOD</i>	<b>Available Date</b>	<b>Issued by</b>	<b>Return Date or Disposal Date (T0+)</b>  <i>Please specify which</i>

		<i>Contracts and link to deliverables</i>			
GFA-1					

<b>5.</b>	<b>Proposal Evaluation criteria</b>
<b>5.1</b>	<b>Technical Evaluation Criteria</b>
	<i>Commercial Assistance needed here before or after a requisition is raised. Framework evaluation criteria as per T&amp;C's may apply.</i>
<b>5.2</b>	<b>Commercial Evaluation Criteria</b>
	<i>Commercial Assistance needed here before or after a requisition is raised. Framework evaluation criteria as per T&amp;C's may apply.</i>