

Project QUIVER

Request for Information: market capability, suitability, costs and timescales

1. Context and purpose

QUIVER is exploring ammunition resupply and reload capability under human command and supervision. The focus is the payload, storage and handling equipment, control and interfaces, rather than procurement of the underlying vehicle platform. Compatibility with RCH155 or a representative gun interface is an integration consideration.

Defence is seeking evidence of available market capability to establish what is suitable, affordable and achievable. Responses will inform the emerging requirement, development approach, indicative budget, schedule and subsequent procurement. The working roadmap shown at the industry day is illustrative; dates, funding and contractual commitments remain unconfirmed.

2. Guidance for respondents

- This is market engagement only, not a tender, supplier-selection exercise or request for a detailed proposal. Firm prices and committed delivery plans are not requested. No award or future work is guaranteed.
- Responses are welcome from Defence, robotics, automation, logistics, warehousing, manufacturing and other relevant sectors. Specialist contributions are welcome; a complete QUIVER solution or previous Defence experience is not required for this RFI.
- Complete the response cells and retain the question references. Cells may expand. Use Not applicable or Not known, with a short explanation, rather than leaving gaps.
- Distinguish proven capability from modelling, engineering judgement and further development. State evidence references, limitations, assumptions and dependencies. Concise answers are preferred; supporting evidence may be attached and cross-referenced.
- Give indicative cost ranges in GBP, stating price date, VAT treatment, scope and exclusions. Give elapsed times from a stated starting point, with dependencies and confidence. Do not undertake detailed design or costing solely to answer this RFI.
- Identify commercially sensitive material and any restrictions on its use or disclosure. Do not include classified information. Submission and clarification arrangements will be confirmed in the accompanying notice.

Field	Response
Organisation and sector / website	[Complete]
Respondent name, role and contact details	[Complete]
Response date / version	[Complete]
Submission deadline and return address	30 th October 2026

3. Relevant capability and evidence

Describe existing capability, not a new solution proposal. Refer to the industry-day workstreams: subsystem work; concept and users; assurance and evidence; programme planning.

Ref.	Question and response guidance	Supplier response
Q01	Which QUIVER areas could your organisation support? Identify relevant products, technologies or expertise and whether you offer a subsystem, specialist service or integrated capability. <i>Capability / relevant workstream / existing application / contribution boundary:</i>	[Enter response. Expand cell as needed.]
Q02	What is available today and how mature is it? Distinguish operational products, demonstrated prototypes and concepts. If using a Technology Readiness Level, explain its basis. <i>Current status / maturity basis / demonstrated environment / limitations:</i>	[Enter response. Expand cell as needed.]
Q03	What evidence supports suitability? Reference trials, operating experience, safety evidence, modelling or studies, including relevant non-Defence applications. <i>Evidence reference and date / what it demonstrates / limitations / attachment:</i>	[Enter response. Expand cell as needed.]
Q04	What are your strengths, gaps and partnering needs? Describe relevant collaboration experience and expertise you would need from others. <i>Existing expertise / capability gaps / potential partners / role boundaries:</i>	[Enter response. Expand cell as needed.]

4. Suitability, adaptation and integration

Identify what would need to change and what must be established before suitability can be judged. No detailed design is requested.

Ref.	Question and response guidance	Supplier response
Q05	What adaptation or development would be needed for QUIVER? Identify technical gaps, operating limitations and the information needed to assess suitability. <i>Existing capability / adaptation needed / uncertainty / information needed:</i>	[Enter response. Expand cell as needed.]
Q06	What mechanical, power, data or control interfaces already exist? Explain adaptability, open-interface experience and restrictions on third-party integration. <i>Existing interfaces / adaptability / interface information available / restrictions:</i>	[Enter response. Expand cell as needed.]
Q07	What representative demonstration would provide useful evidence? Describe an indicative approach, facilities and evidence gaps without preparing a detailed test plan. <i>What could be demonstrated / representative conditions / facilities / remaining gaps:</i>	[Enter response. Expand cell as needed.]
Q08	What safety, assurance, operator-control and recovery considerations could affect adaptation? Distinguish existing evidence from further work needed. <i>Existing evidence / further assurance / human intervention and recovery / dependencies:</i>	[Enter response. Expand cell as needed.]

5. Indicative costs and credible timescales

Provide ranges and assumptions, not quotations or delivery commitments. Where no credible estimate is possible, explain what information would enable one.

Ref.	Question and response guidance	Supplier response
Q09	What indicative costs should Defence anticipate? Separate existing equipment, adaptation/development, integration, testing/assurance and demonstration where possible. Avoid double counting. <i>Activity / low-high GBP / basis and price date / quantity assumed / VAT / exclusions:</i>	[Enter response. Expand cell as needed.]
Q10	What are the principal cost drivers and uncertainties? Identify the effect of interfaces, performance, quantities, facilities, assurance or Defence-provided inputs. <i>Cost driver / assumption / likely effect / information needed to refine range:</i>	[Enter response. Expand cell as needed.]
Q11	What elapsed times are credible for adaptation, prototype availability, integration and representative demonstration? Identify parallel activities and long-lead items. <i>Activity / duration range / start assumption / dependency / confidence and basis:</i>	[Enter response. Expand cell as needed.]
Q12	How should the illustrative industry-day roadmap change? Identify unrealistic sequencing or dates and alternatives that could reduce cost, time or risk. <i>Planning assumption challenged / alternative sequence or scope / benefit / trade-off:</i>	[Enter response. Expand cell as needed.]

6. Dependencies, delivery arrangements and feedback

Help Defence identify a workable development approach without assuming a particular prime, consortium or contracting model.

Ref.	Question and response guidance	Supplier response
Q13	What would be needed from Defence or other programmes? Include information, interfaces, representative items, platform access, facilities, specialist input and decisions. <i>Input required / purpose / point needed / effect if unavailable / alternative:</i>	[Enter response. Expand cell as needed.]
Q14	What delivery arrangements could support your contribution? Consider specialist work packages, collaboration, consortia or a lead integrator. Identify barriers to participation. <i>Suitable arrangement / partners needed / participation barriers / suggested mitigation:</i>	[Enter response. Expand cell as needed.]
Q15	What IP, licensing or information-access restrictions could affect independent integration, evaluation or later exploitation? Indicate what interface and evidence information could be shared. <i>Restriction / owner or dependency / effect / information shareable / possible approach:</i>	[Enter response. Expand cell as needed.]
Q16	What else should Defence change or clarify before a future competition? Include support, maintenance, recovery, further development or wider commercial applications where relevant. <i>Issue or opportunity / recommended clarification / effect on suitability, cost or schedule:</i>	[Enter response. Expand cell as needed.]