

EARLY MARKET ENGAGEMENT - REQUEST FOR INFORMATION (RFI)

**DATA QUALITY AND MANAGEMENT for the DEFENCE GEOGRAPHIC CENTRE (DGC)**

Guidance 2

Outline of Requirement 3

Supplier Response/Questionnaire 4

Guidance

Objective

1. The objective of this Request for Information (RFI) is to help the Ministry of Defence (MOD) (the “Authority”) to:
   1. Understand the current marketplace for solutions that provide:
      1. Data lifecycle management
      2. Data quality assurance
      3. Data quality monitoring
   2. Identify vendors and capabilities with suitable solutions to meet DGC Data Quality and Management requirements.

Acquisition

1. There is potential that more than one supplier will be selected to deliver these services, some of which are likely to be through competitive acquisition, if there is sufficient market capability and variety.
2. The protective marking of the completed questionnaire must not exceed OFFICIAL-SENSITIVE COMMERCIAL.

Submission of Responses

1. Please return the completed questionnaire to joshua.williams762@mod.gov.uk by 17:00 hours on 18th September 2024.
2. Responses received after 17:00 hours on 18th September 2024 will not be considered.

Conditions

1. This RFI does not constitute the initialisation or otherwise form part of any official procurement procedure. The MOD may, at its discretion and at any time, choose not to procure, but maintains the right to use any Information supplied for the purposes of future procurements.
2. The issue of this RFI is not a commitment by the Authority to place a contract now or at a later stage.
3. The procurement of any goods or services described in this RFI may not necessarily take place as described or at all.
4. All responses to this RFI will be held and remain the property of the MOD once received.
5. The MOD shall have the right to use or have used any information, supplied as part of this activity, for United Kingdom Governmental purposes. The aforesaid rights shall be free of payment. The MOD shall not release the identity of the supplier of Information received.
6. The MOD will only disclose information on a confidential basis where the respondent permits this within the response to this RFI. As such, except for any permissions provided in response to this questionnaire, MOD shall request consent of respondents for any further disclosure to third parties, specifically detailing the third parties, the purpose of the disclosure and any relevant conflict of interest management arrangements.
7. The MOD reserves the right at its sole discretion to:
   1. seek clarification in respect of your submission;
   2. cancel this activity at any time or to re-invite participation on the same or any alternative basis, for any reason; and
   3. make whatever changes it sees fit to the timetable and process for any reason.
8. Any expenditure, work or effort undertaken by the respondent to participate in this activity, is a matter solely for their commercial judgement. The MOD shall not be liable for any costs, expenditure, work or effort incurred by the respondent in proceeding with or participating in this activity, including if the activity is cancelled or amended by the MOD. The respondent shall bear all costs associated with participation in this activity, including but not necessarily limited to, preparing and submitting responses to this RFI, providing responses to any clarification requests raised by the MOD, demonstrating capability or to conduct any follow up engagements.
9. Participation is entirely without prejudice to any future procurement. Failure to participate will not preclude potential vendors from responding to any invitation to tender/negotiate or such other procurement procedure as may be applicable to the programme.
10. This Agreement and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the laws of England and Wales.

Outline of Requirement

1. DGC is the United Kingdom (UK) Ministry of Defence (MOD) centre for geospatial information for the Land environment.
2. DGC owns and manages a vast quantity of geospatial information and generates associated metadata, which it uses to manage a global collection.
3. There are up to 300 users and approximately 421TB (increasing 20-50TB per year) of data in the following data types:
   1. Vector 26TB
   2. Raster (inc. tiffs/geotiff/ASRP etc.) 50TB
   3. Imagery/Sensor 214TB
   4. Gridded/Elevation 53TB
   5. NATO dataset (mixture of all) 54TB
   6. Other (3D, Microsoft documents etc.) 24TB
4. Geospatial information is both acquired, as well as created internally, by DGC. DGC acquires, creates, and disseminates geospatial information for customers both internal and external to MOD including national and international agencies.
5. This RFI is for the following Data Quality and Management services:
   1. **Data Lifecycle Management** – Data items managed from creation, through storage, usage and archive, to deletion including the ability to:
      1. Tag data items with a lifecycle stage label.
      2. Automatically update data lifecycle stage labels by event triggers.
      3. Automatically trigger other events on lifecycle stage update.
   2. **Data Quality Assurance**:
      1. Data quality assessment to determine the current quality of a data holding including the ability to:
         1. Analyse data items and identify discordance with rulesets.
         2. Report data quality analysis results.
      2. Data quality improvement services to apply business and technical rules retrospectively to existing data holdings to improve quality including the ability to:
         1. Run standard routines to fix discordant data items.
         2. Report outcome of data fix routines.
         3. Validation services to ensure that new data complies with business and technical rules before ingesting.
   3. **Data Quality Monitoring** – Collect information about data quality (e.g. currency, completeness, interoperability, accuracy, feedback, etc.) and apply quality ratings to key data items that can be reported in customer portals including the ability to:
      1. Collect information about data quality (e.g. currency, completeness, interoperability, accuracy).
      2. Collect user feedback on data quality.
      3. Derive quality score from monitored data.
      4. Apply and regularly update quality score across data items.
      5. Display data quality scores in Search & Retrieval tools.

Supplier Response/Questionnaire

Supplier details

1. Please confirm your details in the table below:

|  |  |
| --- | --- |
| Company Name | Click here to enter text. |
| Respondent Name | Click here to enter text. |
| Respondent Role | Click here to enter text. |
| Respondent Email | Click here to enter text. |
| Respondent Contact Number | Click here to enter text. |
| Security Classification of Questionnaire submission | Click here to enter text. |

Solution Outline

1. Please provide information in the box below explaining how your technology solution can help DGC to achieve some or all of its data quality and management aspirations, as described above. Please indicate clearly which data quality and management service(s) you are able to provide.

Past Experience

1. Have you provided a similar technology solution to the MOD in the past? Please provide your response in the table below.

|  |
| --- |
| Yes |
| No |

Rough Order of Magnitude (ROM) Cost

1. Please provide indicative costings for the solution(s) you have described above using the table below. Please note the costings should be in pounds sterling and exclusive of VAT.
2. You may break-up the costs into finer levels of detail if you wish, as long as each cost is allocated to one or other component listed below.

|  |  |
| --- | --- |
| **Cost Component** | **ROM Cost (£)** |
| Up-front cost to purchase the solution |  |
| Annual support cost |  |

International Traffic in Arms Regulations (ITAR)

1. Does International Traffic in Arms Regulations (ITAR) apply to your technology solution. Please provide your response in the table below.

|  |
| --- |
| Yes |
| No |

1. If you have answer “Yes” to the above please provide details in the text box below.

Commercial Routes to Market

1. Are you part of any public sector/government frameworks or dynamic purchasing systems (DPS) that could provide current or future access to your products/services. Examples include details of pan-government framework agreements where the MOD can access your products. Please provide your response in the table below.

|  |
| --- |
| Yes |
| No |

1. If you have answered “Yes” to question 23 please could provide the details of the frameworks or DPS you have been awarded or are in the process of tendering for. Please populate the table below.

|  |  |  |  |
| --- | --- | --- | --- |
| Framework i.e. Crown Commercial Service (CCS) | Specific Framework Name and Reference i.e. Space-Enabled and Geospatial Service - RM6235 | Framework Lots (awarded or intending to tender for) | Status i.e. awarded or tendering for |
|  |  |  |  |
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