

**ACDECA/011(701551806)-RFI**

**REQUEST FOR INFORMATION (RFI)**

**SUPPLY OF WHEELSCAN EQUIPMENT INCLUDING REPAIR, CALIBRATION, MAINTENANCE AND SPARES SUPPORT**

**RFI Title:** Supply of Wheelscan Equipment including Repair, Calibration, Maintenance and Spares Support

**Issue Date:** 08 April 2021

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1. **Introduction**

This RFI is not a bidding opportunity, it is a means by which industry can provide information. Any resulting procurement activity will be conducted competitively. This RFI is an information gathering exercise, and no further discussions with industry are planned at this stage. However, any future procurement activity will be advertised in line with public procurement regulations.

1. **Background**

There exists an emergent requirement to replace a range of Wheelscan equipment currently in use by the United Kingdom Ministry of Defence. Associated with this document is a list of questions which we would like response to. We would be interested in any Commercial off the Shelf (COTS) equipment which could fulfil these requirements and future technical solutions. Any solutions must be supported for at least 10 years.

1. **RFI intended outcomes**

This RFI aims to achieve 4 outcomes:

* + Explore the market to see if existing products or technology could meet the requirements. To establish what direction is the market going in and how quickly.
  + Develop a procurement strategy that will deliver best value for Defence.
  + Implement an enduring solution that allows the Authority to plan its requirement against an assured continuity of supply.
  + To inform a procurement strategy that enables the implementation of an enduring solution, for commencement from potentially November 2021.

1. **RFI Procedure**

Responses to this RFI will be reviewed by the DECA Managed Services Team.

Any details provided in response to this RFI will be used for information purposes only and will not be used to determine the potential suppliers who will be invited to bid, should the Authority proceed to tender.

The results and analysis of this RFI shall not constitute any form of pre-qualification exercise.

Any formal procurement process will be undertaken in accordance with the relevant Procurement Law.

Nothing in this RFI, or any other engagements with Industry prior to a formal procurement process, shall be construed as a representation as to the Authority’s ultimate decision in relation to the future requirement.

1. **How to submit responses to this RFI**

Respondents should provide information in accordance with the format provided in Annex A, in PDF, quoting the RFI reference on all documentation and emails**.**

If upon review of your submission any clarifications or additional information is required, you will be contacted using the details provided within your RFI response.

Please do not submit additional documents such as company overviews, as the purpose of the RFI is to collect information related to the technical solution, so any additional documents will not be included in the review process. Responses should be limited to 100 words per answer.

Any responses received after the deadline will be passed to the team for information, however they may not be included in the RFI. Review meetings which are to be held immediately following the deadline.

Once completed, please return electronically to the e-mail address shown below in section 8,no later than **12:00, Friday 7th May 2021.**

Responses will be acknowledged electronically by return e-mail.

1. **Confidentiality & Proprietary Information**

No information included in your response, or in discussions connected to it, will be disclosed to any other third party.

Proprietary information, where included, should be kept to minimum and must be clearly marked.

For the purposes of this RFI, any documentation submitted should be classification OFFICIAL.

1. **Costs of preparing your RFI response**

Any costs relating to the preparation and submission of a response to this RFI are the sole responsibility of the respondent.

1. **Contact**

Quoting the RFI reference, please submit:

i) any requests for clarification,

ii) all responses to this RFI and,

iii) any questions regarding Classification of document(s) intended for submission, to:

[DECA.MSPROC@DECA.MOD.UK](mailto:DECA.MSPROC@DECA.MOD.UK)

**Annex A**

|  |  |
| --- | --- |
| **Question** | **Answer** |
| Company Name |  |
| Company Address |  |
|  |  |
| Name of Company representative completing the RFI |  |
| Contact details (e-mail and telephone number) |  |
| Company web site address |  |
|  |  |
| Main products/services/line of business |  |
| Main market sector |  |
| Number of years in this market sector |  |

|  |  |  |
| --- | --- | --- |
| **QUESTIONS** | | |
| **Question** | **Answer**  **(Yes/No/Other-Comment)** | **Comment** |
| Can one system measure an aircraft wheel of an outer diameter of 100mm and 860mm? |  |  |
| Can one system measure an aircraft wheel of an inner diameter of 50mm-490mm? |  |  |
| Can one system measure an aircraft wheel up to the weight of 150kg? |  |  |
| Can one system measure an aircraft wheel up to the height of 400mm? |  |  |
| Can one system be used without the use of multiple adaptors? |  |  |
| Can one system detect cracks on the wheel bead-seat? |  |  |
| Can one system detect cracks on the wheel tube wall areas? |  |  |
| Can one system detect cracks on the wheel flange/web? |  |  |
| What is the minimum crack size that can be detected? - Please expand |  |  |
| Can one system be automated with the option to manual scan? |  |  |
| If no to above, please explain |  |  |
| Will there be a declaration of conformity supplied with the one system? |  |  |
| Can the system record data in real time? |  |  |
| Can the system capture and store data? |  |  |
| In what format can the data be retrieved? |  |  |
| Is one system capable of detection at 100khz to 1.5MHZ? |  |  |
| Does one system have the ability to trigger both visual and audible alarms? - Please expand |  |  |
| What outputs are compatible with the system? - Please expand |  |  |
| Is one system capable of measuring to at least 380mm to probe run location? - Please expand |  |  |
| Can one system be operated by one person? |  |  |
| If no to above, please expand |  |  |
| Can the user manual be provided in a hard format? |  |  |
| Can the user manual be provided in a soft format? |  |  |
| Can a declaration of conformity for the publication stating that they are *‘technically accurate in respect of the source material supplied and are therefore safe to use’* be provided? |  |  |
| **Question** | **Answer**  **(Yes/No/Other-Comment)** | **Comment** |
| Is one system compatible with a voltage of 188-265 volts (nominal 220Volts)? |  |  |
| Is the system compatible with single phase 45-66Hz or better? |  |  |
| Is the system compatible with other nation’s power supplies? |  |  |
| Is one system WEEE 2002/96/EC directive compliant? |  |  |
| Is one system compliant with BS EN ISO 15548-1? |  |  |
| Is one system compliant with SI 1994 No. 3260, Electrical Equipment (Safety) Regulations 1994? |  |  |
| What is the minimum adjustable scan helix for the one system? - Please expand |  |  |
| Will one system be calibrated for through life support? |  |  |
| Is one system robust to withstand rigorous use, transportation and regular handling? |  |  |
| Would documentation be provided for one system, for MOD in-house calibration, maintenance and repair? |  |  |
| **Additional information if available** | | |
| Will one system be marked up with calibration labels and NATO details? |  |  |
| Will one system be marked up with Functional markings and warning markings, if required? |  |  |
| Does one system comply with IEC TS 62239? |  |  |
| What is the shelf life of one system equipment? |  |  |
| Are there obsolescence mitigations in place? - Please explain |  |  |
| Is there guarantee/warranty on one system equipment? |  |  |
| Does one system include probes and associated equipment required to test the bead seat and tube well of aircraft wheels? - Please expand |  |  |
| Does one system have provisions for software updates as and when required? |  |  |
| Can one system have multiple set ups stored? |  |  |
| Can one system be able to select previous set ups? |  |  |
| Can one system have the ability to select previous identified faults? |  |  |
| Can one system have test results on screen only or are results able to be printed off? - Please expand |  |  |
| Does one system have the ability to be moved to different locations on one site? |  |  |
| Does one system have lockable casters fitted to prevent mobility during use? |  |  |
| **Question** | **Answer**  **(Yes/No/Other-Comment)** | **Comment** |
| Does one system have International Protection rating IP54? |  |  |
| What screen display is on one system? - Please expand |  |  |
| Can one system display be clearly viewed in indoor lighting? |  |  |
| **Innovative solutions are most welcome, even if they do not meet all of the requirements above, we would welcome the opportunity to consider further options.** | | |