Market Survey Request for Information

2nd RELEASE

CIS Services for NATO Resolute Support Mission in Afghanistan

NCI Agency Ref: MS-14425-RS-2

NCI Agency is seeking information from Nations and their Industry regarding the possibility to deliver SLA based CIS services meeting the requirements for NATO and Coalition partner’s requirements for the Resolute Support Mission.

NCI Agency Contracting Officer: Ms Esther Asensio
E-mail: esther.asensio@ncia.nato.int

To: See Distribution List
Subject: NCI Agency Market Survey Request MS-14425-RS – 2nd RELEASE

CIS Services for NATO Resolute Support Mission

1. NCI Agency requests the assistance of the Nations and their Industry to identify providers that are able to meet NATO’s requirement SLA-based CIS services within the Resolute Support Area of Operations in Afghanistan. This Market Survey is being issued to identify possible service suppliers and to identify any limitations or conditions that may need to be met before potential suppliers are able to submit bids for services in this area.
2. This Market Survey is re-issued to address distribution issues that the Agency experienced with the first release. There is no change to the Survey, although some supplemental information is provided in Annex B to ensure all potential responses are able to fully address NATO's requirements. Companies responding to the first release do not need to resubmit their responses but are free to do so should they prefer.

3. The broadest possible dissemination by Nations of this Market Survey Request to their qualified and interested industrial base is requested.

4. A summary of this requirement is set forth in the Annex A attached hereto. Respondents are requested to reply via the questionnaire at Annex C. Other supporting information and documentation (system overview and architecture overview, technical data sheets, marketing brochures, catalogue price lists, descriptions of existing installations, etc.) are also desired.

5. The NCI Agency reference for this Market Survey Request is MS-14425-RS-2, and all correspondence and submissions concerning this matter should reference this number.

6. Responses may be issued to NCI Agency directly from Nations or from their Industry. Respondents are invited to carefully review the requirements in Annex A.

7. Responses shall in all cases include the name of the firm, telephone number, E-mail address, designated Point of Contact, and a NATO UNCLASSIFIED description of the capability available and its functionalities. This shall include any restrictions (e.g. export controls) for direct procurement of the various capabilities by NCI Agency. Non-binding product pricing information is also requested as called out in Annex C.

8. Responses are due back to NCI Agency no later than close of business 23 June 2017.

9. Please send all responses either via courier or email to the following NCI Agency contact:

   For Attention Of: Ms Esther Asensio
   Senior Contracting Officer
   Postal address: NATO CI Agency
   Bâtiment Z
   Avenue du Bourget 140
   1110 Brussels
   Belgium
   Email: esther.asensio@ncia.nato.int

10. Product demonstrations or face-to-face briefings/meetings with industry may be requested during this initial stage. Respondents are advised to await further instructions after their submissions and are requested not to contact any NCI Agency staff directly other than the POC identified above in Para 8.

11. Any response to this request shall be provided on a voluntary basis. Negative responses shall not prejudice or cause the exclusion of companies from any future procurement that may arise from this Market Survey. Responses to this
11. Your request, and any information provided within the context of this survey, including
but not limited to pricing, quantities, capabilities, functionalities and requirements
will be considered as information only and will not be construed as binding on
NATO for any future acquisition.

12. The NCI Agency is not liable for any expenses incurred by firms in conjunction
with their responses to this Market Survey and this Survey shall not be regarded
as a commitment of any kind concerning future procurement of the items
described.

13. Your assistance in this Market Survey request is greatly appreciated.

FOR THE GENERAL MANAGER:

Alain Courtois
Chief of Contracts

Attachment(s):

- Annex A – Market Survey Request - Summary of Requirements for RS CIS
  services
- Annex B – Caveats to the Market Survey
- Annex C – Market Survey Questionnaire
Ongoing Requirement for Service provision under NATO Project 
“CIS Services for Resolute Support” 

Market Survey Request MS-14425-RS-2 

Summary of Requirements

The project “CIS Services for Resolute Support” under OPLAN 30312 will deliver services to NATO and Coalition partner personnel within the Resolute Support (RS) Area of Responsibility (AOR).

The project will deliver user services to around 2000 permanent personnel, based at RS HQ, HKAIA and other smaller bases in the Kabul area, and at TAAC HQs in Masar-e-Sharif, Bagram, Kandahar and Herat. In addition, provision of CIS Services is also required at up to four simultaneous temporary ‘deployed’ locations, each with up to 80 simultaneous active users, which may be located anywhere within the RS AOR. Standard user services include unclassified (NATO UNCLASSIFIED (NU)) and classified (NATO SECRET (NS) & MISSION SECRET (MS)) data terminals, unclassified and classified (MS) voice terminals, along with standard peripherals such as printers and scanners. The overall requirement in terms of total permanent or deployed personnel is subject to change as the operational environment evolves.

The system will need to interoperate with NATO strategic capabilities through gateways in Kabul, and with other coalition partner networks through six “Network Interoperability Points” at key locations.

The system will need to provide resilient standard core services through redundant primary data-centers in the Kabul area. These data centers, that are required for all three (NU, NS, MS) domains, also need to host NATO managed Functional Services. On the mission domain, this hosting service must support around 150 Virtualized Servers and over 250TB active data.

The contract will be let as a service delivery contract under strict SLA and monitoring of around 70 KPI. Two key SLA elements are the overall service availability, which must be above 99.7%, and 95% of trouble tickets must be closed within 4 hours.

NATO considers contracting options including:
- NATO owned, Contractor Operated
- Contractor Owned, Contractor operated

In either case, repayment for the cost of the initial investment would be spread over the first three years’ service.

Key elements of the solution will remain under NATO control, including NS and MS IP Crypto provision and various firewall and data-diodes to allow controlled information transfer between domains, and Video Teleconferencing systems. The contractor’s network must support these elements, and the contractor may be required to perform level 1 or 2 maintenance for these elements.
The contract will include intra-Theatre WAN connectivity. Currently NATO maintains a separate WAN connectivity contract with Afghan Wireless Communications Company with leased lines up to 155 Mbps. Use of any alternate providers proposed by bidders will be screened by NATO.

An initial contract to deliver NATO's CIS for RS (then ISAF) was awarded in 2006 for three years' services starting delivery in 2007, and this contract has been extended on an annual basis since 2010. An annual programme is followed to address critical obsolescence for hardware and software. However key portions of the installed systems are facing obsolescence over the next 12-24 months, including datacentre/SAN and workstations.

The incoming contractor will be responsible to develop the transition plan, including comprehensive risk assessment and mitigation proposals, for transfer of services from the incumbent contractor. The incoming contractor must work closely with NCI Agency and the incumbent contractor to develop and refine the transition plans. All stages of any transition must be reversible. Before any transition may occur, the incoming contractor will have to demonstrate to NATO that their technical solution and their service management structure and processes for delivering services are able to meet the SLA, and to demonstrate the effectiveness of their transition plan and its risk mitigations.

The contractor will be responsible for:

- Establishing the CIS capability, including:
  - Transition planning
  - Design and pre-rollout testing and service validation
  - Establishment of capability alongside the current service provider
  - Migration of users and services from the current service provider
  - Migration of network interconnects to coalition partner networks

- Service operation, including:
  - routine service maintenance within SLA,
  - help desk
  - implementation of standard service requests
  - management of site cabling
  - provision to NATO of read access to all supervision and management tools and database.

- Security, including:
  - Preparation of security accreditation paperwork,
  - Support to periodic vulnerability assessment
  - Submission of all new software through NATO software evaluation
  - Rectification of any discovered issues
  - Routine and emergency patch deployment

- Logistics, including:
  - Direct responsibility for transportation of equipment into/out of theatre
  - Maintenance of dedicated logistics bases in and out of theatre
• Direct responsibility for transportation of equipment between bases within Kabul area.
• Coordination with RS and support for transport of equipment to remote sites.
• Provision of accommodation for contractor personnel based at RS HQ, NHKIA, and some TAAC HQ
• Maintenance of GI RoA licence to operate in country (AISA), and VISA processing for all contractor personnel

Glossary of Terms and Definitions

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<thead>
<tr>
<th>TERM</th>
<th>DESCRIPTION</th>
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<tr>
<td>CLS</td>
<td>Contractor Logistics Support</td>
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<td>COI</td>
<td>Communities Of Interest</td>
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<td>COTS</td>
<td>Commercial-Off-the-Shelf</td>
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<td>CTL</td>
<td>Collection Task List</td>
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<td>GOTS</td>
<td>Government-Off-the-Shelf</td>
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<td>HQ</td>
<td>Headquarter</td>
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<td>ILS</td>
<td>Integrated Logistic Support</td>
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<td>INTEL FS</td>
<td>Intelligence Functional Services</td>
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<td>IRM&amp;CM</td>
<td>Intelligence Requirements Management and Collection Management</td>
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<td>ISR</td>
<td>Intelligence, Surveillance and Reconnaissance</td>
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<td>NCI AGENCY</td>
<td>NATO Communications and Information Agency</td>
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<td>O&amp;M</td>
<td>Operations &amp; Maintenance</td>
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<td>OEM</td>
<td>Original Equipment Manufacturer</td>
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<td>ORBAT</td>
<td>Order Of Battle</td>
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<td>RFI</td>
<td>Request For Information</td>
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<td>ROM</td>
<td>Rough Order of Magnitude</td>
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<td>SA</td>
<td>Situational Awareness</td>
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Annex B – Caveats to the Market Survey

The incoming contractor will need to maintain their own full logistics chain, including transportation of equipment into/out of theatre, staging and warehousing within and out of theatre, and full inventory management.

The incoming contractor will need to provide and maintain CIS shelters where network assets are not able to be installed in buildings of opportunity. This includes maintenance of backup power generation (and where necessary primary power generation), air conditioning units and other environmental protection, to the level required to maintain the CIS Service Level Agreements. As an approximate indication, the current contractor maintains 20+ CIS shelters.

Apart from some limited NATO provided facilities, the incoming contractor will need to make their own arrangements for office/working space within theatre, except for personnel who are part of the NATO Network Operations Center. It may be possible to purchase the facilities put in place by the current contractor, but any such arrangement would be a bilateral arrangement between the two companies and would not be brokered by NCI Agency. As an approximate indication, At HKIA, the current contractor maintains 20+ offices and meeting rooms, and 40+ 2 man bedrooms. At RS HQ, the current contractor maintains 5+ offices and meeting rooms, and 10+ 2 man bedrooms. At regional locations the arrangements vary from site to site.

The incoming contractor will be required to maintain a stand-alone reference facility, where software patches, software baseline revisions, and new or updated NATO applications can be validated on representative capabilities before being deployed on the operational networks.

Due to uncertainty regarding the likely closure date of the Resolute Support Mission, the reference contract model discussed by NATO funding committee is a two year service delivery contract with contract options for two one-year extensions.
Annex C - Questionnaire

Organisation name: ________________________________

Contact name & details within organisation: ________________________________

Notes

- Please DO NOT alter the formatting. If you need additional space to complete your text then please use the 'Continuation Sheet' at the back of this Annex and reference the question to which the text relates to.
- Please feel free to make assumptions HOWEVER you must list your assumptions in the spaces provided.
- Please DO NOT enter any company marketing or sales material as part of your answers within this market survey. But please submit such material as enclosures with the appropriate references within your replies. If you need additional space, please use the sheet at the end of this Annex.
- Please DO try and answer the relevant questions as comprehensively as possible.
- All questions within this document should be answered in conjunction with the summary of requirements in Annex A.

What elements of the requirements listed in Annex A can your organisation provide? (Please provide a detailed response on each point below)

a. Does your organization currently provide secure services in similar environments? If so please provide details of the scope and security environment under which the services are delivered.

b. Has your organization performed a service handover from an outgoing service provider for a capability of similar scope (to include SECRET domain services)? Please describe some of the lessons-learned and potential pitfalls that NATO needs to plan against. Please give a realistic estimate for the length of time to anticipate between contract award and completion of migration for NATO's scenario.

c. Has your organisation completed NATO or NATO Nation’s security accreditation activity before? If so, please provide details on which programme this was performed, and the type(s) of security domain where such accreditation was accomplished.

d. Are there other sourcing options that NATO should consider? If so please provide examples, with details of the benefits of these alternatives.

e. What is the minimum guaranteed service duration that you would expect NATO to commit to in order to justify bidding for such a contract. Please provide some justification for this minimum duration.
Please expand in detail below on each and every point above, and also please provide in your response:

- A Rough Order of Magnitude (ROM) Procurement & Life Cycle cost,
- Advantages & disadvantages of your product/solution/organisation,
- Any other supporting information you may deem necessary including any assumptions.
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<td>Please feel free to add any information you may think that may be of value to NCI Agency in the space provided below. Should you need additional space, please copy this page and continue with the appropriate page numbers.</td>
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