



Notification Of Intent to Invite Bids

Coalition Shared Data Services – Enduring Solution

IFB-CO-14682-CSD

Estimated Value: EUR 5,500,000

The Coalition Shared Data (CSD) Services Enduring Solution project will provide a NATO-owned capability utilising Multi-Sensor Aerospace-Ground Joint Intelligence, Surveillance and Reconnaissance (ISR) Interoperability Coalition (MAJIC) 4.4 / Baseline B.1 standards that will be interoperable with other NATO repositories as well as National CSD capabilities. This capability will replace the short-term bridging solution that is currently in place to support SHAPE, NATO Joint Force Commands and required NATO Response Force Commands.

The CSD Services Enduring Solution project will be delivered to NATO locations (at a minimum: Mons, Belgium; Lago Patria, Italy; Sigonella, Italy) in support of NATO Command structure exercises and operations. The capability will acquire three software components, where each will provide a specific service as described in Annex A, some of which may be Commercial-Off-The-Shelf (COTS) or modified COTS components.

The formal Invitation for Bid (IFB) is planned to be issued in **Q2 2018** with an anticipated Contract Award in **Q4 2018**.

It is planned to issue the IFB in accordance with the Basic Ordering Agreement (BOA) Plus procedures, thus allowing for a bid closing date approximately four weeks after issuance of the IFB. The issuance of the IFB is subject to the formal authorization of the Host Nation.

NCI Agency Point of Contact

Dan Gaertner

E-mail: daniel.gaertner@ncia.nato.int



To: Distribution List

Subject: Notification of Intent to Invite Bids

Coalition Shared Data Services – Enduring Solution

IFB-CO-14682-CSD

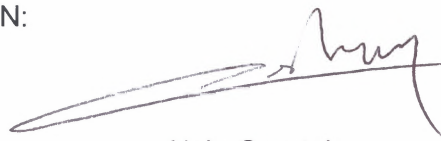
References: A. AC/4-D/2261 (1996 Edition)
B. AC/4-D(2002)002 (Final) dated 24 June 2002

1. The NCI Agency, acting as Procurement Agent on behalf of Host Nation Luxembourg, hereby gives notice of its intent to issue an Invitation for Bid (IFB) for the project “Coalition Shared Data (CSD) Services – Enduring Solution”.
2. Attached to this letter at Annex A is a summary of the project’s requirements. These requirements are being refined and will be included in further detail as part of the Invitation for Bid.
3. The reference for the Invitation for Bid will be **IFB-CO-14682-CSD**, and all correspondence concerning this IFB should reference this number. The issuance of this IFB is subject to the formal authorization of the Host Nation.
4. For the purpose of planning, the estimated cost for the services and deliverables included within the scope of the intended contract is approximately EUR 5,500,000.
5. The successful bid pursuant to the IFB will be that bid which is deemed to offer the **best value** in accordance with predefined bid evaluation criteria which will be detailed in the IFB. The top level criteria weightings will be 40% Price and 60% Technical.
6. It is planned to award a single firm-fixed price contract for the entire scope of work with an expected duration of 3 years. No partial bidding will be accepted.
7. The NCI Agency will use the Basic Ordering Agreement (BOA) Plus bidding procedures. Attached to this letter at Annex B is a list of potential bidders that may be able to provide the services and equipment required for this project. This list was compiled from the companies that have an active BOA with the Agency.
8. The BOA Plus procedures allow National Responsible Authorities to nominate eligible bidders in addition to the companies identified at Annex B. Any such nominations for companies that do not have an active BOA should come from the National Authorities via their Delegation/Mission to NATO, who will provide the requisite Declaration of Eligibility (DoE). Upon receipt of the DoE, the NCI Agency Contracting Officer will add the company to the Bidders List.
9. National Responsible Authorities are kindly requested to provide a list to the NCI Agency with Declarations of Eligibility, not later than **13 April 2018**, of qualified and certified companies which may be interested in receiving an Invitation for Bid for this project. The Declarations of Eligibility should include the following information for each of the nominated firms: **Company Name, Point of Contact, Telephone number and E-mail address**. This information is critical to enable prompt and accurate communication with prospective bidders and should be sent to the following address:

NATO Communications and Information Agency
Avenue du Bourget 140
B-1110 Brussels, Belgium
Attention: Dan Gaertner – Senior Contracting Officer
e-mail: daniel.gaertner@ncia.nato.int

10. Please note that requests for participation in this competition received directly from individual companies cannot be considered, unless they hold a valid BOA with the NCI Agency.
11. The IFB is planned to be issued in Q2 2018, with an anticipated Bid Closing Date in Q2 2018 and expected Contract Award in Q4 2018.
12. Bidders will be required to declare a bid validity of twelve (12) months from closing date for receipt of bids, supported by a bid guarantee of €100,000 (one hundred thousand euros). If the selection and award procedure exceed the bid closing date by more than twelve (12) months, companies may be requested to extend the validity of their bids and the Bid Guarantee accordingly. Bidders may decline to do so, withdraw their bid and excuse themselves from the bidding process without penalty.
13. The National Authorities are advised that the IFB package will be NATO UNCLASSIFIED.
14. The successful bidder may be required to handle and store classified information up to the level of "NATO SECRET". In addition, execution of the proposed contract may require unescorted access and work of contractor personnel at NATO Class II security areas, and in accordance with C-M(2002)49, NATO Security Policy, personnel of the winning bidder will be required to hold individual security clearances of "NATO SECRET". Only companies maintaining such cleared facilities and the appropriate personnel clearances will be able to perform the resulting contract.
15. Please note that it is anticipated that the IFB will contain provisions requiring bidders to clearly demonstrate in their bid their technical capability and years of relevant experience in the field of web application programming and implementation services to ensure bids are received from qualified companies.
16. The NCI Agency point of contact for all information concerning this IFB is Dan Gaertner, Senior Contracting Officer, daniel.gaertner@ncia.nato.int.
17. Your assistance in this procurement is greatly appreciated.

FOR THE DIRECTOR OF ACQUISITION:



Alain Courtois
Chief of Contracts
NCI Agency

Attachment(s):

Annex A – Summary of the Requirements
Annex B – Initial List of Bidders

Distribution List

NATO Delegations (Attn: Infrastructure Adviser):

Albania
Belgium
Bulgaria
Canada
Croatia
Czech Republic
Denmark
Estonia
France
Germany
Greece
Hungary
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Italy
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Embassies in Brussels (Attn: Commercial Attaché):

Albania
Belgian Ministry of Economic Affairs
Bulgaria
Canada
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France
Germany
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Hungary
Iceland
Italy
Latvia
Lithuania



Luxembourg
Montenegro
The Netherlands
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All NATEXs

NATO HQ

NATO Office of Resources, Management and Implementation Branch – Attn:
Deputy Branch Chief

Director, NATO HQ C3 Staff, Attn: Executive Co-ordinator

SACTREPEUR, Attn: Infrastructure Assistant

Strategic Commands

HQ SACT Attn: R&D Contracting Office

ACO Liaison Office

NCI Agency

DACQ (Mr. Peter Scaruppe)
DACQ CAB Administrator (Ms. Marie-Louis Le Bourlot)
ACQ/Chief of Contracts (Mr. Alain Courtois)
ACQ/Principal Contracting Officer (Mr. Jean-Luc Guellec)
ACQ/ILS (Mr. Richard Proietto)
JISR SL (Mr. Matt Roper)
JISR PM (Ms. Isabelle Le Pladec)
JISR TL (Mr. Trond Skaar)
SStrat-NLO (Mr. Xavier Desfougeres + Ms. Vanessa Briers)
ACO Liaison Office (Ms. Kirsten Lund)
Registry (for distribution)

Annex A – Summary Of Requirements

IFB-CO-14682-CSD

Procurement of Coalition Shared Data (CSD) Services for use by Allied Command Operations (ACO)

1 Introduction

1.1 Background

- 1.1.1 The nine nations of the multinational intelligence, surveillance and reconnaissance (ISR) project MAJIC (Multi-Intelligence All-Source Joint Intelligence Surveillance and Reconnaissance Interoperability Coalition) developed, tested and demonstrated standards, technologies and architectures providing interoperability between Joint ISR systems to support operational processes and decision makers. The Coalition Shared Data (CSD) capability, based on STANAG 4559 and defined by the Bravo.1 (B.1) baseline, is the core of that architecture and enables NATO and National capabilities to be interoperable by providing holistic support for all aspects of NATO's JISR Process, defined as Task, Collect, Process, Exploit and Disseminate (TCPED).
- 1.1.2 The declaration of the initial operational capability (IOC) for Joint Intelligence, Surveillance, and Reconnaissance (JISR) by Defence Ministers in February 2016 represented an important first milestone for JISR capability development. Early planning of this initial operational JISR capability foresaw a need for follow-on plans to be developed as the JISR initiative matured. Such plans would focus on broadening and enhancing ISR capabilities and improving the connectivity of those capabilities. Therefore, there was a need to build upon the baseline established by this initial operational JISR capability.
- 1.1.3 The JISR Capability Development Strategy (CDS) and the follow-on Capability Development Plan (CDP) led to a Capability Implementation Plan (CIP), which provides high level requirements for provision of a JISR Capability that moves beyond the JISR IOC. This includes the provision of a NATO-owned Coalition Shared Data (CSD) capability utilising MAJIC 4.4 / baseline B.1 standards that is interoperable with other NATO repositories such as NAGSF SMARF¹ and Intelligence Functional Services (INTEL FS) as well as with national Coalition Shared Data (CSD) capabilities and with BICES.
- 1.1.4 Luxembourg offered, as a National Contribution, to fund the procurement of this CSD capability to NATO.
- 1.1.5 Pending the availability of a NATO-owned CSD, a "bridging" CSD capability in support of JISR peacetime, crisis and NRF preparation activities has been set-up in NATO at the following locations: SHAPE (Mons, Belgium - Quantity: 5), JFCNP (Naples, Italy - Quantity: 4, and NAGSF (Sigonella, Italy - Quantity: 1).

¹ NATO Alliance Ground Surveillance Force (NAGSF) System Master Archival/Retrieval Facility (SMARF).

1.2 Purpose

- 1.2.1 The purpose of the present project is to procure, deploy and support a NATO-owned Coalition Shared Data (CSD) capability utilising MAJIC 4.4 / baseline B.1 standards. It will be composed of three independent components:
 - 1.2.1.1 CSD ISR Product Library (CIPL) Services. This Service provides persistent, searchable storage and archive of JISR Data, such as imagery and Video Clips, analysis products and their associated Metadata.
 - 1.2.1.2 CSD ISR Workflow Services (CIWS). This Service supports Business Rules driven Workflow of JISR Process, defined as Task, Collect, Process, Exploit and Disseminate (TCPED). This process allows Situation Awareness of the State of all requests and collections across the NATO JISR Enterprise.
 - 1.2.1.3 CSD ISR Stream Services (CISS). This Service provides access to live or recorded Streaming Data types, such as Full Motion Video (FMV), Video Clips, or Ground Moving Target Indicator (GMTI) data and their associated Metadata.
- 1.2.2 These components will replace the current NATO “Bridging” CSD solution, be integrated within existing NATO Systems (such as NATO infrastructure) and will interface with NATO Applications (such as NATO Release Server, INTE FS2 or ICMT3) or external Systems (such as other CSDs).
- 1.2.3 It is anticipated that the three CSD Service components will be independent so that each component could – if required – be tested and deployed separately. This requirement is considered as critical by the Purchaser.

2 Project Scope

- 2.1 For each CSD component (CSD ISR Product Library, CSD ISR Workflow Services and CSD ISR Stream Services), the NCI Agency foresees to conduct the following activities:
 - 2.1.1 System Requirements Analysis. Through this stage, the requirements identified in each CSD System Requirement Specifications (SRS) will be refined to ensure proper understanding of requirements within the various stakeholders.
 - 2.1.2 System Design. Through this stage, the Contractor will propose a design which meets the CSD requirements defined in each SRS. This design will be submitted during the Critical Design Review.
 - 2.1.3 Development stage. Through this stage, the Contractor will develop new software (if required), implement and integrate COTS in accordance with each System Design Specifications (SDS). It is anticipated to use an agile development during this stage meaning that the Contractor will have to share his Developmental Baseline with the Purchaser along this period.
 - 2.1.4 Testing stage. Through this stage, the Candidate Product Baselines will go through different tests such as Factory Tests, Security tests, integration tests, System Acceptance Tests and NATO accreditation tests (Authorized Fielded Product List “AFPL” process). Upon Purchaser’s acceptance of the testing stage, the deployment stage will start.
 - 2.1.5 Deployment stage. Through this stage, the Contractor will implement, configure and test each CSD Service at required Purchaser’s locations. In addition, the Contractor will provide training to NATO Administrator staff.
 - 2.1.6 Support stage. Through this stage, the Contractor will provide corrective / perfective maintenance and on-site support at Purchaser’s facilities.

- 2.2 It shall be noted that some activities could be grouped to optimize schedule and costs. For example, the System Requirements Analysis or the Design could be run in parallel for each CSD component.

3 Schedule

- 3.1 It is anticipated that the CSD ISR Product Library (CIPL) Services and CSD ISR Stream Services (CISS) should already be available and will only require minor modifications. Consequently, it is expected to implement these Services within two years after contract award.
- 3.2 The CSD ISR Workflow Services (CIWS) may require more development which would lead to an implementation within three years after contract award.

² Intelligence Functional Services

³ ISR Collection and Management Tool

4 Technical Constraints

- 4.1 The three CSD Service components shall be independent so that each component could – if required – be tested and deployed separately.
- 4.2 There shall be independent System Administrator tools for each of the three CSD service components that enables the System Administrators for each of the three components to configure and operate the components.
- 4.3 The three CSD Service components shall be able to execute in the NATO virtualized environment either on MS Hyper-V Server 16 (and later) and VMWare ESXi 5.5 (and later) on a 64-bit operating system that is currently available for NATO virtualized servers.
- 4.4 The CSD Service components shall implement strong protection against any form of cyber-attack; e.g. “forced browsing”, “path traversal”, “cross-site scripting”, “denial of service”, etc.
- 4.5 The CSD Service components shall have support for cross-domain data exchange through the NATO Release Server capability.
- 4.6 The CSD Service components shall be fully interoperable with national CSD Service components and clients of the MAJIC 4.4 / Bravo.1 baseline, and the CSD ISR Product library shall implement synchronization and data model extensibility.
- 4.7 The CSD service component shall be designed such that they at a low level of effort can be upgraded to STANAG 4559 edition 4, and at a low level of effort can be upgraded to support multiple data models.
- 4.8 The CSD Service components shall exhibit good time behaviour performance and have support for scalability.
- 4.9 The CSD Service components shall integrate with the NATO System Management and Control capabilities.

5 Warranty / Support

- 5.1 Following site acceptance, the project will require:
 - 5.1.1 One-year warranty for any software procured via present project.
 - 5.1.2 One-year perfective maintenance (level of effort).
 - 5.1.3 One-year corrective support (bug fixing).
 - 5.1.4 On-site support at Purchaser's facilities (to support incident/problem management, implementation of new Product baselines).

Annex B – Initial List of Bidders

IFB-CO-14682-CSD

Nation	Vendor
Belgium	
	AC Partners N.V S.A
	ATOS
	Akacio - Louis & Associates s.a.r.l
	Axxes
	Brevco Services S.C.S.
	Comparex Software Belgium
	Computer Sciences Corporation
	Ericsson sa/nv
	Eurocity
	Getronics Belgium SA/NV
	Michael Bailey Associates Project Servic
	Omega Management & Consulting Group N.V.
	Oracle Belgium
	RHEA System S.A.
	RealDolmen NV
	Safir consulting b.v.b.a.
	Serco Belgium
	Sogeti Belgium NV/SA
	Sopra Steria Benelux
	Thales S.A.
	The Test Leaders
	Tinc Associates
	UNIFY COMMUNICATIONS
	Unisys Belgium S.A.
	WorldEscrow SA/NV
Bulgaria	
	Electron Progress EAD
Canada	
	ADGA Group Consultants, Inc.
	Compusult Limited
	General Dynamics Canada Ltd.
	HumanLed Inc.
	MacDonald, Dettwiler and Associates Ltd.MDA
	Valcom Consulting Group Inc.
Croatia	
	CROZ d.o.o. za informaticku djelatnost
	IN2 Information Engineering Ltd.
	INsig2 d.o.o.
	Senso IS d.o.o.

Czech Republic	
	TietoEnator Czech s.r.o.
Denmark	
	Terma A/S
France	
	ASTRIUM SAS
	Alter Defense
	Altran Systemes d'Information
	Bull SAS
	CS Systèmes d'Informations
	Global Technologies
	INEO Defense
	IT&L@BS(Merged with Orange Affiliates-France)
	Orange Business Services
Germany	
	Airbus Defence and Space GmbH(ex EADS GmbH)
	Atos Origin GmbH
	CGI (Germany) GmbH & Co.KG
	CONET (weisser + böhle GmbH)
	CONET Solutions GmbH
	CSC Deutschland Solutions GmbH
	Cognizant Consulting and Services GmbH
	Corporate quality consulting GmbH
	DV Kombinat GmbH
	ESG Elektroniksystem - und Logistik GmbH
	FREQUENTIS Deutschland GmbH
	Hewlett Packard GmbH
	IABG mbH
	OrgaTech GmbH
	Quintec Gesellschaft fuer Datentechnik mbH
	SALT Solutions GmbH
	SQS Software Quality Systems AG
	Sowatech Softwaretechnik GmbH&Co KG
	T-Systems International GmbH
]init[AG für Digitale Kommunikation
	blueCarat AG
	steep GmbH (former Serco GmbH)
Greece	
	Altec Integration S.A.
	Cosmos Business Systems S.A.
	Info-Quest SA
	Intracom Defense Electronics S.A.
Hungary	
	Honvédelmi Minisztérium Elektronikai, Logisztikai és Vagyonkezelő zrt.

	Navigator Zrt.
	S&T Consulting Hungary Ltd.
	Siemens PSE Kft.
Iceland	
	Advania hf.
Italy	
	Almaviva S.p.A.
	CapGemini Italia S.p.A.
	D'Appolonia S.p.A.
	Engineering Ingegneria Informatica S.p.A
	Enterprise Ericsson SpA
	Fondazione FORMIT
	INTECS S.p.A.
	SMS Engineering srl
	Vitrociset S.p.A.
Latvia	
	DATI Group, LLC
	DPA Ltd
Luxembourg	
	PricewaterhouseCoopers
The Netherlands	
	42 Solutions B.V.
	Alten Nederland B.V.
	CGI Nederland B.V.
	Capgemini Nederland B.V.
	Fresh Connections B.V.
	NCIM-Groep
	PTS Software BV
	SYSQA B.V.
	Sapienza Consulting
	Sioux Automation Technology
	TNO Defence, Safety, and Security
	Ventus Information Management BV
	Yoep B.V.
Norway	
	3D perception AS
	Atea Norge AS
	Kongsberg Defence & Aerospace AS
	Teleplan AS
Poland	
	Asseco Poland S.A.
	Atende S.A.(prior ATM S.A.)
	Instytut Techniczny Wojsk Lotniczych
	Newind sp. z o.o.
	PROKOM Software S.A.

	QUMAK S.A. (joint-stock company)
	S&T Services Polska Sp. z o.o.
	Softblue Michal Kierul
	Sygnity S.A.
	Unizeto Technologies SA
	VOL Sp. z o.o. Sp.k.
	Vector Synergy Sp. z o.o.
	WASKO S.A.
	Zbar Phu Mariusz Popenda
Portugal	
	Critical Software s.a.
	GMV- Skysoft S.A.
Romania	
	Interactive Software SRL
	Kranszwald SRL
	MarcTel S.I.T. S.R.L.
	REXENERG POWER SRL
	Romsys SRL
	S.C. Siemens Convergence Creators S.R.L.
	SC Mira Telecom SRL
	Teamnet International S.A.
	UTI Grup S.A.
Slovakia	
	Aliter Technologies a.s
	InterWay, s.r.o.
Spain	
	Alma Technologies s.a.
	EVERIS
	GMV
	Indra Sistemas S.A.
	Newpoint Servicios Especializados
Turkey	
	Atos Bilisim Danismanlik ve Müsteri Hizmetleri San Ve Tic A.S.
	C TECH Bilisim Tek. San ve Tic A.S.
	MANTIS Software & Consultancy Company
	STM Savunma Teknolojileri Mühendislik ve
United Kingdom	
	3SDL Limited
	Artemis Communications
	Audax
	BAE Systems Applied Intelligence Ltd.
	DP Connect Ltd
	General Dynamics United Kingdom Limited
	Graffica Ltd

Info-Assure LTD.
LA International Computer Consultants Ltd.
Mitchell Management Services Limited
Moltek Consultants LTD
Newman & Spurr Consultancy Ltd
Recommended Consultants Limited
Rheatech Limited
Skillsearch Limited
Sopra Steria
Borwell limited
United States
AATD, LLC
Aditya & Associates
Advanced Systems Technology, Inc.
Affigent, LLC
Alion Science and Technology Corporation
BAE Systems Information Solutions Inc.
Blue River Information Technology, LLC
BluePath Labs LLC
Business Integra Technology Solutions, I
Cask Technologies, LLC
Creative Information Technology, Inc.
DRS Technical Services, Inc.
EMW, Inc.
General Dynamics Information Technology
Honeywell Technology Solutions Inc.
ICS-NETT, INC
Information Unlimited Inc.
Intelligent Waves LLC
K3 Enterprises, Inc.
Leidos, Inc.
Lockheed Martin Corporation
ManTech International Corporation
MathCraft Inc.
Microsoft Corporation
Modern Technology Solutions, Inc.
Mutual Telecom Services Inc. d/b/a BlackBox Network Services Government Solution
NEE & PMC
NetEffects, Inc.
Northrop Grumman Information Technology
Optimum Solutions, Inc.
Pegasus Professional Services LLC
PlanIT Group LLC
Process Strategies Inc.



Raytheon Company Network Centric Systems
SAIC
SBG Technology Solutions
Salient Federal Solutions, Inc.
Six3 Advanced Systems Inc, dba BIT Systems, Inc.
Sparta Inc.
Strategic Operational Solutions, Inc.
Systems Research and Applications Corporation
Technologist, Inc.
Technology and Management International LLC (TAMI)
The Boeing Company
The Experts, Inc.
URS Federal Services International Inc.
UXB Defense, Inc.
ViaSat, Inc.
Virginia Tech Applied Research Corporation
Visual Awareness Technol. and Consulting
Vykin Corporation