NATO OTAN	NORTH ATLANTIC COUNCIL
	CONSEIL DE L'ATLANTIQUE NORD

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9 October 2007

DOCUMENT
AC/4(PP)D/25895

(handwritten: TBCE has been out since 27 July. They had plenty of time to go to MC and SRB. What are they smoking?)

INFRASTRUTURE COMMITTEE

NC3A - ISAF/CIS - ISAF HQ

PROVIDE CIS SUPPORT FOR NEW HQ ISAF JOINT CIS CONTROL CENTRE

2007/5VA30403-0/9

A Request for Authorisation to Commit Funds

Report by the International Staff

References: (a) SG(2005)0897
            (b) SG(2006)0160-REV1

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1.   **Annex 1. Host Nation Request.** NC3A urgently requests authorisation of the project to Provide CIS Management and Control Tools and Outsourced Civilian Manpower for the first year for the Joint CIS Control Centre (JCCC) at ISAF HQ. The total amount requested is EUR 15,978,382. The request is in direct support of OPLAN 10302-REV1 approved by Council in reference (a). Authorisation is sought in line with the Revised Funding Arrangements for ISAF (reference (b)).

2.   **Military Support.** ACO is invited to confirm that the project meets only the NATO minimum military requirement.

3.   **NATO O&M Costs.** The NATO O&M costs for the management and control tools (the recommended scope) are estimated in the amount of EUR 1,225,300 for 2008 through 2012. ACO is invited to confirm that this cost is affordable.

4.   **Annex 2: Screening.** The background to this requirement is outlined in paragraphs 3 to 7. The scope of the present request is described in paragraph 8. The project was screened in the Working Group of National Technical Experts and the comments received were taken into consideration in the preparation of this report (paragraph 11). The Staff considers the CIS management and control tools to be eligible for NSIP funding (paragraph 12). Due to the lack of endorsement by the Military Committee and Senior Resource Board, the requested outsourcing of civilian manpower is considered ineligible at this stage (paragraph 13). Regardless that, the Staff recommends

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Only after MC and SRB agreed

that the Committee considers authorisation of the provision of requested civilian contractors for a one-year period to facilitate the transition to a rationalised CIS support to ISAF's mission (paragraphs 20 and 21). Comments on the implementation proposal are offered in paragraphs 14 through 22. The Staff points out that the authorisation of management and control tools is not dependant on the agreement for the outsourcing of civilian manpower (paragraph 23). The Staff does not support the equipment and software licenses requested for NCSA, which shall be covered by another funding source (paragraph 25). In conclusion, the Staff recommends that the Committee "at 26B":

4.1.   agrees that NC3A acts as the host nation for the this project;

4.2.   authorises NC3A the project to Provide CIS Management and Control Tools for the ISAF HQ Joint CIS Control Centre in the amount of EUR 5,037,649 (EUR 4,441,589 and EUR 596,060 for PSC) to be charged to serial 2007/5VA30403-0/9;

4.3.   de-authorises NC3A Advance Planning Funds in the form of advance Project Service Costs in the amount of EUR 18,600 against serial 2006/5VA30403-0/9;

4.4.   invites ACO to seek the endorsement by the Military Committee and Senior Resource Board for the requested outsourcing of civilian manpower;

4.5.   considers authorisation to NC3A the provision of 37 civilian contractors for one year to augment Crisis Establishment personnel of the ISAF HQ Joint CIS Control Centre in the amount of EUR 10,613,838 (EUR 10,175,000 and EUR 438,838 for Project Service Costs to be charged to serial 2007/5VA30403-0/9; and if authorised, agrees to waive application of the Two-Stage-Authorisation Procedure due to the urgency of project.

5.   Financial status of the eligible portion of the project as recorded in the Inframation Database:

Project	Authorisations			Inframation Database	
	Recommended EUR "at 26B"	Granted EUR	Total EUR	Latest Cost Estimate	Programmed Scope
2007/ 5VA30403-0	4,441,589	NIL	4,441,589	NIL	4,441,589
2006/ 5VA30403-9	-18,600 (APF)	18,600	NIL	NIL	18,600
2007/ 5VA30403-9	596,060	NIL	596,060	NIL	596,060

The host nation is invited to revise the latest cost estimate with the next Semi-Annual Financial Report.

6.   Procurement. The host nation proposes the following procurement approach for this project in support of Non Article 5 NATO Led Operations, in accordance with the provisions of AC/4 D(2007)0003:

6.1.   The Committee is requested to note that the default procurement methods are proposed as follows:

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6.1.1.   AOM International Competitive Bidding for CIS hardware/software and related installation for the management and control tools, the amount exceeds Level 4 (i.e. above EUR 500,000);

6.1.2.   AOM International Competitive Bidding, for the contractor support, the amount exceeds Level 4 (i.e. above EUR 500,000);

6.1.3.   Sole Source to SurCom Int. (NL) for the Air C2 Management Tools, the amount falls into Level 1 (i.e. below EUR 100,000);

6.1.4.   Sole Source to Telindus NV (BE) for the network security management system, the amount falls into Level 1 (i.e. below EUR 100,000);

6.2.   For the remaining items, the Committee is requested to agree to deviate from the discretionary methods and to agree to the application of:

6.2.1.   Sole Source to Unisys Corp. (US) for the cabling installation; the amount falls into Level 3 (up to EUR 500,000);

6.2.2.   Sole Source to Harris (US) through the Foreign Military Sales programme for TACSAT radios and related crypto fill systems; the amount falls into Level 3 (up to EUR 500,000);

6.3.   The Committee is invited to agree that in the Statement of Works for AOM International Competitive Bidding, which will be conducted for the management and control tools, specific hardware and software types and brand names can be included (paragraphs 10 and 15, and Appendix 4).

7.   In line with the provisions of the Implementation Management Procedure (IMP), the contracts are to be awarded within six months of the date of authorisation. The host nation should submit the contract notification within 30 days from the date of contract award/signature.

8.   NATO Acceptance into NATO Inventory. The host nation should submit a formal request for final inspection (JFAI) no later than six months after completion of the works (i.e. within six months of the date on which the host nation first accepts the completed works from the Contractor).

(Signed) T. BANACH
Management and Implementation Branch
NATO Office of Resources

2 Annexes

4 Appendices

Original: English

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NATO Consultation, Command and Control Agency
Agence de consultation, de commandement et de contrôle de l'OTAN

NC3A/NPE/2007/100
NC3A/RF(2007)613

27 July 2007

To: NATO Office of Resources
Management and Implementation Branch
Attn: Deputy Branch Chief
NATO HQ

Supreme Headquarters Allied Powers Europe
Attn: J4 and J6
B-7010 SHAPE

Information: See Distribution

Subject: Project 2007/5VA30403-0/9 – CIS Support for New ISAF JCCC-
Request for Authorization

Reference: A. SHAPE 6100/SHJ4LEX/100/06-200092 dated 28 Nov 06

B. AC/4-D(2007)0003 AOM ICB

1. Enclosed herewith please find the Project Price Proposal for Project 2007/5VA30403-0/9 "CIS Support for New ISAF JCCC".

2. The project will be carried out under the Agency Consolidated Programme of Work within IPT3.

3. The Agency Project Price Proposal at Enclosure 1 outlines the NC3A Project Service Costs and the total project expenditure profile in the format agreed by the IC. The price proposal is valid for 3 months from the date of submission.

4. SHAPE is requested to confirm that the yearly Operations and Maintenance costs of €2,657,500 in 2008, €9,511,700 in 2009, and €9,359,300 from 2010 are affordable.

5. In view of the urgent operational need for this capability, the Host Nation proposes to use the procurement method as detailed in reference B Annex 2. It is intended to run one competition for hardware/software and the related installation activity. A separate competition also in accordance with reference B Annex 2 will be performed for the 1 year full time contracted positions. Authorization to deviate from the referenced acquisition procedure is requested for a few items as explained in enclosure 2 paragraph 10.

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6. The Host Nation requests a waiver from the 2 Stage authorization process for all procurements except the 1 year full time contracted manpower, which has a cost of 10,172,500 € including contingencies.

7. The project will utilise existing in-place equipment from the HQ ISAF JCCC and add equipment to meet the minimum CIS requirement of the newly formed JCCC.

8. The Management and Implementation Branch is requested to screen the enclosed Project Price Proposal and submit the request for scope authorization in the amount of €15,978,382 (€14,943,484 Investment Cost + €1,034,898 Project Service Cost) to the Infrastructure Committee.

9. The Host Nation requests Stage one fund authorization in the amount of €5,805,882 (€4,770,984 Investment Cost + € 1,034,898 Project Service Cost).

FOR THE GENERAL MANAGER

C Uhriksen
NSIP Programme Executive

Enclosures:

(1) Project Price Proposal for project 2007/5VA30403-0/9

(2) TBCE for project 2007/5VA30403-0

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NC3A PROJECT SERVICE COST PROPOSAL FOR : CIS Support to ISAF JCCC
Project Serial n° : 28670/VA30408-8
NIID code : NBP00/1855-01

DIRECT COSTS:

Net Civilian Manpower

A-5							
A-4		185.21			159.17		10.40
A-3		69.99			292.42		2.19
A-2		5.20			33.99		1.94
B-6							
B-5		16.80			78.20		28.31
B-4		24.83					1.99
B-3							

Net Military Manpower

Net On-Site Consultants Cost
Net Off-Site Consultants Cost
Travel
Investments

Indirect Cost Recovery (Civ. + Mil.)
Indirect Cost Recovery (Consultants)

Total Project Cost

DIRECT COSTS:

Net Civilian Manpower

A-5							0.00
A-4							303.74
A-3							394.60
A-2							49.23
B-6							0.00
B-5							00.91
B-4							43.92
B-3							0.00

Net Military Manpower

Net On-Site Consultants Cost
Net Off-Site Consultants Cost
Travel
Investments

Indirect Cost Recovery (Civ. + Mil.)
Indirect Cost Recovery (Consultants)

Total Project Cost

INFRASTRUCTURE COMMITTEE

NC3A - ISAF/CIS – ISAF HQ
PROVIDE CIS SUPPORT FOR NEW HQ ISAF JOINT CIS CONTROL CENTRE
PSR CIS 049
2007/5VA30403

References: (a)   NC3A/NPE/2007/100 dated 27 July 2007 (A/Slip No. 1590814)
         (b)   SG(2005)0897
         (c)   6100/SHJ4LEX/100/06-200092 dated 28 November 2006
              (A/Slip No. 1535925)
         (d)   SG(2006)0160-REV1
         (e)   AC/4(PP)D/25409; -DS(2006)0014
         (f)   AC/4(PP)D/25608; -DS(2006)0035
         (g)   PO(2003)0110 (INV)
         (h)   PO(2005)0098

INTRODUCTION

1.   In reference (a), the Host Nation, NC3A submitted a fund request for the project to provide CIS support for the new Joint CIS Control Centre (JCCC) at ISAF HQ. The works are intended to enhance the existing JCCC capability through the provision of additional system and service level CIS control and management tools, as well as one-year contractor support for selected functions, posts and services to augment the ISAF Crisis Establishment (CE) personnel of JCCC for a one-year period.

2.   The total amount requested is EUR 15,978,382, including EUR 1,034,898 for Project Service Costs (PSC).

BACKGROUND

3.   The project is in support of OPLAN 10302 (Revise 1) approved by the Council in reference (b). The Minimum Military Requirement for the project was endorsed by SHAPE under PSR CIS 049 (reference (c)).

4.   JCCC and its subordinated Signal Support Group (SSG) are integral parts of HQ ISAF CJ6. The enhancement of interim JCCC capability is aimed at delegation to ISAF the responsibilities for management and control of wide variety of networks and systems. Presently, those responsibilities are to a large extent discharged by the NATO Network Management and Control Centre (NNMCC) at Mons. It is considered that this arrangement is no longer sufficient to support ISAF's CIS capability due to growing complexity and diversity in technology, systems and ownership.

5.   It is expected that the delegation of management and control tasks to JCCC shall provide more robust and resilient CIS networks and systems in ISAF, an unbiased assessment of the status of CIS capability, effective prioritisation of work and co-ordination changes. Newly procured for JCCC specialised management and configuration control

systems will mirror NNMCC capabilities, and in emergency, the latter shall be able to act as a back-up facility.

6.   NCSA and ISAF have developed Concepts of Operations (CONOPS) for JCCC, which determined required management and control capability, as well as identified those functions, posts and services within JCCC, which require augmentation with the use of contracted manpower.

7.   In reference (d), the Infrastructure Committee authorised NAMSA to establish a facility for JCCC at ISAF HQ. The project has already been completed and 23 ISO containers have been installed in a two-storey configuration.

THE PRESENT REQUEST

8.   The scope of the project, as submitted by the Host Nation, includes:

8.1.   Provision of various CIS control and management tools and associated equipment for the existing JCCC facility at ISAF HQ;

8.2.   Provision of 37 civilian contractors for an initial one-year period for selected functions, posts and services as augmentation of the existing JCCC/SSG CE personnel.

Procurement

9.   Procurement. The Host Nation proposes the following procurement approach for this project in support of Non Article 5 NATO Led Operations, in accordance with the provisions of AC/4 D(2007)0003:

9.1.   The Committee is requested to note the application of default procurement methods as follows:

9.1.1.   AOM ICB for CIS hardware/software and related installation for the management and control tools, the requested amount exceeds Level 4 (i.e. above EUR 500,000);

9.1.2.   AOM ICB, for the contractor support, the requested amount exceeds Level 4 (i.e. above EUR 500,000);

9.1.3.   Sole Source to SurCom Int. (NL) for the Air C2 Management Tools, the requested amount falls into Level 1 (i.e. below EUR 100,000);

9.1.4.   Sole Source to Telindus NV (BE) for the network security management system, the requested amount falls into Level 1 (i.e. below EUR 100,000);

9.2.   For the remaining items, the Committee is requested to agree to deviate from the discretionary methods and to agree to the application of:

9.2.1.   Sole Source to Unisys Corp. (US) for the cabling installation; the requested amount falls into Level 3 (up to EUR 500,000);

9.2.2.   Sole Source to Harris (US) through the Foreign Military Sales programme for TACSAT radios and related crypto fill systems; the requested amount falls into Level 3 (up to EUR 500,000);

10.   The Host Nation also requests that the Committee agrees that in the Statement of Works for AOM ICB, which will be conducted for the management and control tools, specific hardware and software types and brand names can be included, as indicated in Appendix 4 and justified in paragraph 15.

SCREENING

11.   The Type B Cost Estimate (TBCE) was screened in the Working Group National Technical Experts (WGNTE/ADP/COM(INFRA) in September 2007. The comments of the Working Group have been taken into consideration in the preparation of this report.

COMMENTS BY THE INTERNATIONAL STAFF

Eligibility for NSIP funding

12.   The Staff confirms the eligibility for NSIP funding of the requested CIS management and control tools in accordance with the Revised Funding Arrangements for ISAF (reference (f)).

13.   The requested outsourcing of civilian manpower support is considered ineligible for NSIP funding.   In accordance with policy on Outsourcing in Crisis Response Operations and Revised Funding Policy for Non-Article 5 NATO-led Operations (references (g) and (h)) outsourcing of manpower requires respective endorsements by the Military Committee and Senior Resource Board. Although respective guidance has been provided, the Staff is not aware about any request to achieve that.

Implementation Proposal

Management and Control Tools

14.   With growing complexity and number of ISAF specific systems and applications, as well as the roll-out of FOC+ network, it is considered that NNMCC at Mons, currently providing control and management services, is no longer able to handle those responsibilities.   In order to achieve a Full Operational Capability at JCCC, additional system and service level CIS control and management tools are required.   The newly procured tools will be integrated by a contractor, selected through competition. Appendix 1 shows allocation of required hardware and software against system/service areas, as well as objectives for control and management of various CIS capabilities supporting ISAF.

15.   JCCC CIS control and management capability shall be compatible with equipment already fielded in ISAF, as well as with the tools used at NNMCC. A part of those tools shall be compatible with monitoring capabilities provided through the FOC+ contract. It is why in several cases specific type of equipment and brand names are proposed to be included in the Statement of Work for AOM ICB, as indicated in Appendix 4.

16.   The delineation of responsibility between FOC+ contractor (Thales (FR)) and JCCC has been documented in NCSA's CONOPS for JCCC and the Thales Integrated Logistic Support plan. The FOC+ project will provide a certain subset of overall CIS capabilities in ISAF. The operation/maintenance and management/control of NATO-owned capability, embracing CIS networks in Kabul and Kandahar, as well as ISAF specific satellite and radio systems and various Command and Control applications is not

included in the scope of FOC+ contract (CO-11482-OPL). While FOC+ will provide CIS services based on contractor provided BMEs, SATCOM terminals, routers, PABXs, etc., there are complementary services to be furnished by NATO, like SHF satellite capacity, Internet Protocol cryptographic equipment (NICE) and Functional Area Services (FAS).

17. JCCC will monitor the services provided by Thales to ensure that their actual delivery is in accordance with Service Level Agreements, and will identify required changes over time. While Thales will be responsible for system management and control, as well as operation and maintenance of its own networks, JCCC will perform service level management and control. Thales shall provide appropriate management software, and hardware to both JCCC and NNMCC to give NATO a detailed, real-time insight into the FOC+ network, including bandwidth management function and all routers, switches and PABXs. This includes all equipment, down to the port or interface level and shall show all alerts and alarms, as well as provide output from service level management probes. NATO will only procure under this project servers and related software for JCCC, required for service level management of the FOC+.

Outsourcing of Civilian Manpower

18. The support of total of 37 outsourced civilian contractors, to be selected through single competition, is sought through the present request. The contractors, augmenting the existing JCCC/SSG CE personnel, are expected to ensure greater expertise, specialisation and continuity in theatre than the military manpower rotating every six months. Appendix 2 shows areas of the required contractor support, as well as the number of posts requested.

19. The current ISAF CE X posts for JCCC and SSG, along with their description and manning status, are listed in Appendix 3. The future ISAF CE XI foresees a further increase in the number of civilian positions, replacing military ones. Thorough analysis of the presently requested civilian contractor support with the status of future ISAF HQ CE, as well as with CIS contractor manpower provided through NC3A and NAMSA maintenance contracts, remains an outstanding action for ACO. PSR CIS 049 is short of that comprehensive analysis.

20. Having said that, with recognition of growing complexity of CIS support to ISAF, the Staff recommends that the Committee considers agreeing for NSIP funding of the requested 37 civilian contractors for a one-year period. Thus ACO would gain the sufficient time to seek required endorsements by the MC and SRB, and programming of this requirement in the appropriate budget.

21. As the main argument advocating this outsourcing is continuity of knowledge and experience, it would be sensible to continue this contract from 2009 onwards. Should the Committee agree to fund the contractors for the first year, NC3A shall be invited to include unevaluated options in the competition for procurement of the civilian contractors for follow-on years. If the MC and SRB approve the follow-on outsourcing, the Military Budget Committee, apart from approval of funding, will have to grant NC3A respective contracting authority to execute the options.

22. Should the outsourcing of civilian manpower be approved for years to come, an effort to rationalise the overall support for ISAF CIS capability shall be undertaken,

embracing both the adjustment of ISAF CE for JCCC/SSG, as well as the support provided through existing NC3A and NAMSA maintenance contracts. One-year period should be sufficient for the transition and achieving a Full Operational Capability by JCCC without the disruption of vital CIS support to ISAF's mission.

Interdependency

23.   The authorisation of management and control tools is not dependant on the agreement for outsourcing of civilian manpower, as those tools are not for the sole usage by the 37 requested contractors, but for the entire JCCC/SSG, manned by CE personnel (paragraph 19).

Programming

24.   This project will be programmed under the Urgent Requirement Procedure in support of ISAF mission under serial 2007/5VA30403-0/9.

Financial Aspects

25.   Appendix 4 provides a financial overview of the project costs. The Host Nation requests for the management and control tools the estimated amount of EUR 4,768,484. The Staff recommends authorisation of the reduced amount of EUR 4,441,589. The requested equipment and software licenses for NCSA are not supported, as the NCCB is the appropriate source of funding. The items based on the total hardware cost, to include equipment installation, have been recalculated, following the transfer of Checkpoint Provider licenses from the hardware portion to software one.

26.   The Host Nation requests for the contractor support the amount of EUR 10,175,000. The annual cost of EUR 250,000 per technician is considered reasonable. The Staff recommends that the Committee considers authorising the provision of 37 civilian contractors for a one-year period in the amount of EUR 10,175,000. If agreed by the Committee, the Staff recommends to waive the application of Two-Stage–Authorisation Procedure due to the urgency of project.

27.   The NC3A requests PSC in the amount of EUR 1,034,898 (including direct and indirect costs of EUR 664,551 and EUR 370,347 respectively) for 1,043 man-days (Annex 1). From this total amount, EUR 596,060 is required to implement the JCCC management and control tools, and the remaining amount of EUR 438,838 is required to provide the civilian contractors. While EUR 596,060 is recommended for authorisation together with the tools, EUR 438,838 remains subject to agreement by the Committee to fund from NSIP the contractor support for one year.

28.   The Staff recommends to de-authorise NC3A Advance Planning Funds in the form of advance PSC in the amount of EUR 18,600, authorised in reference (f) under serial 2006/5VA30403-0/9, as presently the full amount of PSC is recommended under serial 2006/5VA30403-0/9.

Schedule

29.   The Host Nation plans to implement the project by the end of 4th quarter 2007.

O & M Costs

30.   NATO O&M costs for the equipment are estimated in the amount of EUR 1,225,300 for 2008 through 2012.   ACO is invited to confirm that this cost is affordable.

RECOMMENDATION

31.   Based on the above, the International Staff recommends that the Infrastructure Committee:

31.1.   Notes the report;

31.2.   Agrees that NC3A acts as the Host Nation for the this project

31.3.   Authorises NC3A the project to provide management and control tools in the amount of EUR 4,441,589 to be charged to serial 2007/5VA30403-0;

31.4.   Authorises the NC3A PSC in the amount of EUR 596,060 to be charged to serial 2007/5VA30403-9;

31.5.   De-authorises NC3A Advance Planning Funds in the form of advance PSC in the amount of EUR 18,600 against serial 2006/5VA30403-0/9;

31.6.   Invites ACO to seek the endorsement by the Military Committee and Senior Resource Board for the requested outsourcing of civilian manpower;

31.7.   Considers authorisation to NC3A the provision of 37 contractors for one year to augment Crisis Establishment personnel of the ISAF HQ Joint CIS Control Centre in the amount of EUR 10,613,838 (EUR 10,175,000 and EUR 438,838 for PSC to be charged to serial 2007/5VA30403-0/9; and if authorised, agrees to waive application of the Two-Stage–Authorisation Procedure due to the urgency of project;

31.8.   Agree the procurement methods, as proposed by the Host Nation in paragraph 9.

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CIS MANAGEMENT AND CONTROL TOOLS

Ser	System/Service	Control/Management Objectives	Hardware/Software
1.	SATCOM Transmission Layer and Voice Communications	Monitoring of end-to-end data and voice transmission paths in NATO-owned networks and oversight of the FOC+ services	Harris PRC-117 radios, UHF, SHF, and Ku band spectrum analysers, UHF and Ku band receivers and ancillaries
2.	WAN Layer	Bandwidth Management Equipment (BME) management and control	Specialized server/software and workstations for NET Management System (NETMS)
3.	NU and NS Routing Elements (WAN)	Ensure router control and management	Server and WSs for NGCS PTC management and control set
4.	PABX and SHOUT	Management of Hipath family PABX's installed in ISAF and IP/ISDN protocol converters	Hipath Manager and SHOUT Watch/Builder software applications and workstations
5.	LAN and Applications	Ensure full spectrum network management	Medium switches/routers, blade racks and WSs, displays, cabling
6.	Firewalls	Management of Boundary Protection Devices (Firewall and Mailguard)	Upgrade and software licenses for Checkpoint Provider-1 security management and Smartview visual monitoring
7.	Network Security	Secondary management of INFOSEC services in case of disconnect from NNMCC	NCIRC Security Management System and laptops to establish NS, IS and NU infrastructure
8.	ISAF Command Net (ICN) and DLOS network	Management of DLOS network and RAD modems supporting ICN and other traffic in Kabul	Harris Microstar DLOS and RAD Modem monitoring software and workstations
9.	Specialised Cabling	Support the move of existing JCCC/SSG monitoring equipment and installation of toolset	Structured specialised cable infrastructure
10.	FOC+ Network	Service level management, network monitoring, real-time fault identification, ensuring of operational priorities, network availability, fault isolation provision of Quality Assurance performance assessment	Service level management, servers and software
11.	Air C2 (TAOC) Radio Network	Failure identification of remote Air C2 sites over the TAOC network	SurCom Operator Position Base hardware and software license
12.	Trouble Ticketing System	Automated and auditable, fault management, generation of trouble tickets with fault specification, ticket tracking and configuration data auditing	Servers for trouble ticketing systems for JCCC Helpdesk and System Control (SYSCON), simple web interface software capable of being customised
13.	Communications Network	Management and monitoring of active networks without degrading their performance.	FO cabling, connectors and patch cables for management network parallel to operational networks, gigabit interface converters

CONTRACTOR SUPPORT

Ser	Position	No	Responsibilities	Location / Organisation
1.	Air C2 Theatre Air Operations Centre (TAOC) G/A Radio Network Technician	3	Carry out shift duties to support, maintain and manage Air C2 radio network, diagnose equipment/ system faults, perform user maintenance of equipment and links, Two contractors for SSG ISAF HQ are required	ISAF HQ SSG
2.	PABX Technician	2	Carry out shift duties, local installation, set-up, configuration, and connectivity of Public Access Branch Exchanges (PABX) and connected communications systems, maintenance of configuration schemes to improve set-ups and installation procedures	ISAF HQ SSG
3.	Radio System Operator and Maintainer	2	Support to the Radio Section providing operational and strategic radio based communications with Digital Line of Sight (DLOS), SHF/UHF satellite, HF/VHF radio, and TETRAPOL ICN systems	ISAF HQ SSG (1) , Camp Warehouse / MCM team (1)
4.	Communications Specialist / BME Technician	3	Carry out shift duties, local installation, set-up, configuration, and connectivity of Bandwidth Management Equipment (BME) and connected communications systems, maintenance of configuration schemes	ISAF HQ SSG
5.	VSAT Technician	2	Technical control, diagnosis of equipment or systems faults and performing user maintenance, system engineering and installation of VSAT equipment supporting those PSYOPS radio transmitter and TAOC radio network remote sites not connected to FOC+ or other NATO network and thus requiring continued use of VSAT connectivity	ISAF HQ SSG
6.	LAN/WAN Management Specialist	2	Carry out shift duties, operate and maintain the ISAF Local and Wide Area Networks (LAN/WAN), including sites throughout ISAF, support policy and procedures production to ensure performance and integrity of LAN/WAN, installing and maintaining of active equipment (routers and switches), performing fault and problem management monitor, prioritise and mitigate problems, support Network Configuration Documentation and Design	ISAF HQ SSG
7.	ADP Systems Administrator	4	Monitor ADP systems, implement ADP Security settings, install, operate and maintain network components, provide networking support, install, operate and maintain Functional Area Services (FAS), WSs, software images, user accounts; data back-up and recovery, data configuration, inventory, maintain and clean ADP equipment, crypto account update, implement new software, support user training	ISAF HQ SSG (3)

Camp Warehouse / MCM team (1) |

8.	Database Administrator	4	IS support to JOIIS, iGEOSit and C2PC, monitor and maintain ISAF ops databases and use applications, and servers; co-ordinate and implement upgrades to ISAF databases, conduct day-to-day operations on databases, produce SOPs and management user guides, assist Helpdesk with software installation, support user training	ISAF HQ SSG
9.	CIS Trainer	4	Train rotating composite HQ personnel to complement pre-deployment training for operators of wide variety of communication systems and IS applications, provide refresher training (two contractors system related and two for application)	ISAF HQ SSG
10.	Help Desk Operator	6	Carry out shift duties, man CIS Help Desk 24/7 in support of CJOC, staff branches, be primary point of contact for the staff users in any CIS related problems, deploy images for new hardware, provide 1st level user support, support CIS Depot 26 in installation of new PCs	ISAF HQ SSG
11.	ISAF Configuration Management Officer	1	Provide configuration management (CM) and control of CIS systems, quality control and performance measurement, monitor day-to-day management of CIS operational baselines, manage changes, patch, software license, interface with NCSA HQ and NC3A Field Office	ISAF HQ SSG
12.	Hardware Technician	1	Perform depot level maintenance, repair and upgrade of data communication and voice switching systems, peripherals, computers, servers, repair peripheral equipment down to component level such as modem, printer and facsimile, perform work assignment, equipment inventory and regular status checks of tools and test equipment, ensure replenishment of bench stock and office supplies, establish maintenance cleaning schedule for all CIS equipment, perform daily administration duties of the NATO Depot Support System (NDSS) server and network, receive/send NDSS Data transmissions	CIS Depot 26 ISAF HQ
13.	Repair / Exchange Specialist / Receipt & Dispatch Supervisor	3	Discharge responsibility for accounting of NATO-owned CIS property at HQ ISAF, KAIA and Camp Warehouse, correct receipt and storage issues, conduct ordering and stock control of supply inventory including repairable and non-repairable communications equipment, track all equipment submitted to repair, produce input of information to the NATO Depot Support System (NDSS), supervise operation, care and servicing of material handling equipment, prepare manifests and co-ordinate shipments to and from Depot 26	CIS Depot 26 ISAF HQ
	Total	37		

ISAF HQ CE X – JCCC

Ser	Post	Status	Comments
1	CHIEF JCCC	SHQ	
2	SO JCCC FUTURE OPS	USA	
3	SO JCCC ENGR	USA	
4	SA JCCC COMMS OPS	USA	
5	CIS NETWORK OPERATIONAL/TECHNICAL ADVISOR		
6	SO JCCC AIR OPS	FREE	
7	NCSA JCCC LIAISON	NCSA	
8	SO JCCC IS	CAN	
9	SO JCCC CONFIG	SHQ	
10	SA JCCC CONFIG	USA	
11	SA JCCC OPS	ROU	
12	SO JCCC FM	POL	
13	SA JCCC FM	USA	
14	SA JCCC FM2	FREE	
15	SO OPS CJOC	EST	
16	SO JCCC CHIEF INFOSEC	SHQ	
17	SA JCCC INFOSEC	ROU	
18	SO JCCC COMSEC	SHQ	

ISAF HQ CE X – SSG

Ser	Post	Status	Comments
1	CDR	USA	
2	S4	ROU	
3	SA SUPPLY / DRIVER	USA	
4	SA CHIEF TRAINING TRANSIMISSION	NCSA	Nations could bid for NCSA posts.
5	SA CHIEF TRAINING IS	USA	
6	CHIEF IS	CAN	
7	SA CENTRIXS ADMINISTRATOR	USA	
8	SA CENTRIXS ADMINISTRATOR	USA	
9	SA DATA BASE ADMINISTRATOR	NCSA	Nations could bid for NCSA posts.
10	SA DATA BASE ADMINISTRATOR	NCSA	Nations could bid for NCSA posts.
11	SA DATA BASE ADMINISTRATOR	USA	
12	SA DATA BASE ADMINISTRATOR	USA	
13	Web Manager	USA	
14	LAN/WAN MANAGER		
15	NETWORK ADMINISTRATOR		
16	CHIEF SYS ADMIN	USA	
17	SYS ADMIN NATO SECRET	SHQ	
18	SYS ADMIN ISAF SECRET	USA	
19	SYS ADMIN ISAF SECRET	SHQ	
20	SYS ADMIN NATO UNCLASSIFIED	USA	
21	SYS ADMIN NATO UNCLASSIFIED	USA	
22	ICC ADMINISTRATOR	CAN	CAN fill by 19 Aug 07 indef. for 6 mths.
23	ICC ADMINISTRATOR	USA	
24	CHIEF HELPDESK	CAN	
25	SA HELP DESK NIGHT	USA	
26	SA HELP DESK NIGHT	USA	
27	HELPDESK	USA	
28	HELPDESK	USA	
29	HELPDESK	USA	
30	CRYPTO CUSTODIAN	USA	
31	ALT CRYPTO CUSTODIAN	USA	
32	CHIEF COMMS	USA	
33	SA COMMS	USA	
34	LOS RADIO TECH	NCSA	Nations could bid for NCSA posts.
35	LOS DET COMMANDER	USA	

Ser	Post	Status	Comments
36	ICN DET COMMANDER	NCSA	Nations could bid for NCSA posts.
37	ICN OPERATOR AND MAINTAINER	NCSA	Nations could bid for NCSA posts.
38	ICN OPERATOR AND MAINTAINER	NCSA	Nations could bid for NCSA posts.
39	ICN OPERATOR AND MAINTAINER	NCSA	Nations could bid for NCSA posts.
40	TSGT DET COMMANDER	USA	
41	TSGT CHIEF TECH	USA	
42	TSGT OPERATOR AND MAINTAINER	USA	
43	TSGT OPERATOR AND MAINTAINER	USA	
44	BME TECH	NCSA	Nations could bid for NCSA posts.
45	BME TECH	NCSA	Nations could bid for NCSA posts.
46	BME TECH	NCSA	Nations could bid for NCSA posts.
47	SWITCH / VTC TECH	USA	
48	SWITCH / VTC TECH	USA	
49	CHIEF CABLE INFRASTRUCTURE	USA	
50	PABX TECH	NCSA	Nations could bid for NCSA posts.
51	PABX TECH	NCSA	Nations could bid for NCSA posts.
52	CHIEF CABLE INFRASTRUCTURE TEAMS	SHQ	
53	CABLE INFRASTRUCTURE SPECIALIST (TELEMEC)	USA	
54	CABLE INFRASTRUCTURE SPECIALIST (TELEMEC)	NCSA	Nations could bid for NCSA posts.
55	CABLE INFRASTRUCTURE SPECIALIST (TELEMEC)	USA	
56	CABLE INFRASTRUCTURE SPECIALIST (TELEMEC)	USA	
57	CABLE INFRASTRUCTURE SPECIALIST (TELEMEC)	USA	
58	CABLE INFRASTRUCTURE SPECIALIST (TELEMEC) KAIA	NCSA	Nations could bid for NCSA posts.
59	CABLE INFRASTRUCTURE SPECIALIST (TELEMEC) KAIA	NCSA	Nations could bid for NCSA posts.
60	INSTALLATION TECH	NCSA	Nations could bid for NCSA posts.
61	TSGT DETACHMENT CDR	USA	
62	TSGT CHIEF TECH	USA	
63	TSGT RADIO OPERATOR / MAINTAINER	USA	
64	TSGT RADIO OPERATOR / MAINTAINER	USA	
65	MCM TECH TEAM - BME & CRYPTO	NCSA	Nations could bid for NCSA posts.
66	ADP SYS ADMIN	ITA	
67	ADP SYS ADMIN	NCSA	Nations could bid for NCSA posts.
68	MCM TECH TEAM - POWER TECH	USA	
69	MCM TECH TEAM /DLOS OP	NCSA	Nations could bid for NCSA posts.
70	SYS ADMIN	USA	
71	CH PRT CIS Sp	CAN	
72	SNCO IC/SYS ADMIN	CAN	
73	Sys Admin	CAN	
74	Comms Spec/BME Tech	CAN	
75	Comms Spec/BME Tech	CAN	
76	Comms Spec/BME Tech	USA	
77	Tech/VSat	USA	
78	Tech/VSat	USA	
79	Tech/Crypto	USA	
80	Cable Infrastructure Spec	USA	
81	Power Tech	DEU	
82	SYS ADMIN	USA	After May 07 it will be closed
83	DEPOT CHIEF AND PROPERTY ACCOUNTING OFFICER	USA	
84	CHIEF SUPPLY OPS & ACCOUNTING OFFICER		
85	CAPITAL EQUIPMENT CONTROL SPECIALIST		
86	HARDWARE TECH		
87	WAREHOUSE SUPPLY STOCK WORKER		
88	HARDWARE TECH	NCSA	US interested
89	REPAIR / EXCHANGE SPECIALIST	USA	
90	REPAIR / EXCHANGE SPECIALIST	USA	
91	WAREHOUSE / RECEIPT & DISPATCH SUPERVISOR		

NC3A - ISAF/CIS - KABUL
PROVIDE CIS SUPPORT FOR NEW HQ ISAF JOINT CIS CONTROL CENTRE
PSR CIS 049 – SERIAL 2007/5VA30403

Ser	Item	Requested by the NC3A			Recommended by the Staff			Procurement Method
		Qty	Unit Price (EUR)	Total Price (EUR)	Qty	Unit Price (EUR)	Total Price (EUR)	
	MANAGEMENT AND CONTROL HARDWARE							
1	**SATCOM Transmission Layer**							
1.1	PRC-117 Radio (OTP, crypto fill system, ancillaries)	4	75,000	300,000	4	75,000	300,000	Harris (US) through FMS
1.2	Spectrum Analyser	5	12,000	60,000	3	12,000	36,000	
1.3	UHF Signal Analysis SD/W and PC	2	10,000	20,000	2	10,000	20,000	
1.4	Wideband Radio Receivers	5	10,000	50,000	5	10,000	50,000	
2	**WAN Layer**							
2.1	NETMS (consisting of 1 network server and 2 WSs)	1	14,000	14,000	1	14,000	14,000	
2.2	Software License, NETMS 2.X	1	42,000	42,000	1	42,000	42,000	
3	**NU, NS Routing Elements**							AOM ICB
3.1	Sun Fire V480 Server and Ancillaries	2	36,000	72,000	2	36,000	72,000	
3.2	Sun StorEdge Media Tray and Ancillaries	2	9,000	18,000	2	9,000	18,000	
3.3	Workstations for HP Openview and Ancillaries	8	3,500	28,000	8	3,500	28,000	
3.4	Color displays (19-inch)	8	2,000	16,000	8	1,000	8,000	
3.5	Server G4 Model, Ancillaries 3.40 GHz Processor	2	15,000	30,000	2	15,000	30,000	
3.6	NNM SE 250 Nd Pk 7.50 Solaris LTU	2	7,500	15,000	2	7,500	15,000	
3.7	Cisco LMS 2.5 Enterprise WIN/SOL	1	8,000	8,000	1	8,000	8,000	
3.8	Cisco QoS Policy Mgr 3.2 WIN: Unrestricted Devices	1	12,000	12,000	1	12,000	12,000	
3.9	Cisco Secure ACS 3.3 for Windows	1	5,000	5,000	1	5,000	5,000	
3.10	NetScout nGenius Ethernet/Fast Ethernet probe	2	8,000	16,000	2	8,000	16,000	
3.11	NetScout nGenius E1/T1 WAN probe	2	8,000	16,000	2	8,000	16,000	
3.12	NetScout nGenius Performance Manager	2	39,500	79,000	2	39,500	79,000	
3.13	BlackBox ServView 17"	2	2,000	4,000	2	2,000	4,000	
3.14	BlackBox ServSelect II with IP Spam USB/VGA	2	2,000	4,000	2	2,000	4,000	

Ser	Item	Requested by the NC3A			Recommended by the Staff			Procurement Method
		Qty	Unit Price (EUR)	Total Price	Qty	Unit Price (EUR)	Total Price	
4	**PABX and SHOUT**							
4.1	Hipath Manager 4000 with 30 licenses	1	115,000	115,000	1	115,000	115,000	
4.2	Power User Workstation and Ancilleries	2	3,500	7,000	2	3,500	7,000	
4.3	Hipath Manager Installation Fee	1	7,000	7,000	1	7,000	7,000	
5	**JCCC Building LAN**							
5.1	Blade Workstations	46	2,000	92,000	46	2,000	92,000	
5.2	Blade Servers	6	10,000	60,000	6	10,000	60,000	
5.3	Colour Laser Printers	7	3,000	21,000	7	3,000	21,000	
5.4	Display, individual positions	100	700	70,000	100	700	70,000	AOM ICB
5.5	50" Display	9	4,000	36,000	9	4,000	36,000	
5.6	Graphic Cards Dual Monitor Capability	45	800	36,000	45	800	36,000	
5.7	Graphic Cards for Large Displays	9	1,000	9,000	9	1,000	9,000	
5.8	Medium Switches (Fiber ports)	12	6,000	72,000	12	6,000	72,000	
5.9	Medium Routers	3	5,000	15,000	3	5,000	15,000	
5.10	Structured Cabling (lot)	1	135,000	135,000	1	135,000	135,000	
5.11	Cabinet 42U, Environmentally Controlled	25	3,000	75,000	15	3,000	45,000	
5.12	Blade Racks	0	0	0	10	1,500	15,000	
5.13	KVM over IP Distribution Devices	25	2,000	50,000	25	2,000	50,000	
5.14	Hard Drive Data Back-up System	5	2,000	10,000	5	2,000	10,000	
6	**Firewalls**							
6.1	Checkpoint Provider-1/ MDS Container 25 Gateways	2	80,000	160,000	0	0	0	
6.2	Checkpoint Provider-1/ MDS Pro Add-on 50 Gateways	2	60,000	120,000	0	0	0	
7	**Network Security**							
7.1	NCIRC Security Management System	3	5,000	15,000	3	5,000	15,000	Teledinus NV (BE)
7.2	Laptop Computers with Security Inspection Software	9	2,000	18,000	9	2,000	18,000	
8	**ISAF Command Net (ICN)**							
8.1	Harris Microstar DLOS Monitoring (WS & software)	1	3,000	3,000	1	3,000	3,000	AOM ICB
8.2	RAD Modem Monitoring (WS & software)	1	3,000	3,000	1	3,000	3,000	
9	**FOC + Network**							
9.1	FOC+ Service Level Management Servers	3	10,000	30,000	3	10,000	30,000	

Ser	Item	Requested by the NC3A			Recommended by the Staff			Procurement Method
		Qty	Unit Price (EUR)	Total Price (EUR)	Qty	Unit Price (EUR)	Total Price (EUR)	
10	**Air C2 TAOC G/A Radio Network**							SurCom Int. (NL)
10.1	SurCom Operator Position (hardware & license)	1	15,000	15,000	1	15,000	15,000	
11	**Trouble Ticketing System**							AOM ICB
11.1	Servers, BMC Remedy IT Service Management	2	10,000	20,000	2	10,000	20,000	
12	**Communications Network**							Unisys Corp. (US
12.1	Structured Cabling, Connections and Patching	Lot	30,000	30,000	Lot	30,000	30,000	
12.2	GBIC Transceivers (1 per connection)	100	2,000	200,000	100	2,000	200,000	
13	**Power Supply & A/C Upgrade**							AOM ICB
13.1	Building UPS – 60,000 VA	1	38,000	38,000	1	38,000	38,000	
13.2	Room Environmental Control Units	20	3,000	60,000	20	3,000	60,000	
13.3	JCCC Building Power Upgrade	1	50,000	50,000	1	50,000	50,000	
	Total Hardware			2,381,000			2,054,000	
14	**MANAGEMENT AND CONTROL SOFTWARE**							AOM ICB
14.1	Checkpoint Provider-1/ MDS Container 25 Gateways	0	0	0	1	80,000	80,000	
14.2	Checkpoint Provider-1/ MDS Pro Add-on 50 Gateways	0	0	0	1	60,000	60,000	
14.3	MS Server and Workstation Enterprise Licenses	85	1,000	85,000	85	1,000	85,000	
14.4	Network monitoring software (Spectrum 3 for WAN	6	4,000	24,000	6	4,000	24,000	
14.5	HP Openview Enterprise V7.5-(unlimited users)	9	4,000	36,000	9	4,000	36,000	
14.6	Cisco Works software licenses	9	4,000	36,000	9	4,000	36,000	
14.7	BMC Remedy IT Service Management	2	10,500	21,000	2	10,500	21,000	
14.8	HarrisStat license to Enterprise (version upgrade)	3	12,000	36,000	3	12,000	36,000	
14.9	Online Vulnerability Assessment Tool	3	5,000	15,000	3	5,000	15,000	
14.10	IPSonar Network Discovery Tool Sensor	3	12,000	36,000	3	12,000	36,000	
14.11	Microsoft WSUS Automatic Patching System	3	12,000	36,000	3	12,000	36,000	
14.12	DisknetPro Management Infrastructure	3	4,000	12,000	3	4,000	12,000	
14.13	DisknetPro Management	85	100	8,500	85	70	5,950	
14.14	Host Based IDS (H-IDS) management infrastructure	3	15,000	45,000	3	15,000	45,000	
14.15	H-IDS (Severs/Management/monitoring tools)	39	1,000	39,000	39	1,000	39,000	
14.16	Juniper Network Based IDS (1 per network)	3	15,000	45,000	3	15,000	45,000	
	Total Software			474,500			611,950	

Ser	Item	Requested by the NC3A			Recommended by the Staff			Procurement Method
		Qty	Unit Price (EUR)	Total Price (EUR)	Qty	Unit Price (EUR)	Total Price (EUR)	
15	Installation, Integration, Testing							
15.1	Site Survey (Travel & Per Diem)	20	3,000	60,000	20	3,000	60,000	AOM ICB
15.2	Factory and Initial Capability Acceptance Testing	45	2,000	90,000	45	2,000	90,000	Unisys Corp. (US)
15.3	Cable and hardware Installation (man-days)	120	3,000	360,000	120	3,000	360,000	
15.4	Equipment, Software and System Installation, Configuration & Testing (man-days)	120	3,000	360,000	120	2,750	330,000	AOM ICB
	Total Installation			870,000			840,000	
16	Other							
16.1	Initial Spares (10% of HW)	1	238,100	238,100	1	205,400	205,400	As indicated above, respectively
16.2	Start-Up Tools and Supplies (1% of HW)	1	23,810	23,810	1	20,540	20,540	
16.3	Training (5% of HW)	1	119,050	119,050	1	102,700	102,700	
16.4	Transportation to CLD Brunssum (6% of HW)	1	142,860	142,860	1	123,240	123,240	
16.5	Documentation (3% of HW & SW)	1	85,665	85,865	1	79,979	79,979	
	Total Other			609,485			531,859	
	Unadjusted Sub-total 1			4,334,985			4,037,809	
18	Contingencies (%)	10		433,499	10		403,781	
	SUB-TOTAL 1			4,768,484			4,441,589	
19	CONTRACTED MANPOWER							
19.1	CIS Technician/Operator/Administrator/Specialist	37	250,000	9,250,000	37	250,000	9,250,000	AOM ICB
19.2	Contingencies (%)	10		925,000			925,000	
	SUB-TOTAL 2			10,175,000			10,175,000	
	Grand Total			14,943,484			14,616,589	