



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
Μόνιμη Αντιπροσωπεία της Ελλάδος
στο ΝΑΤΟ

Αρμόδιος: Ασχος (ΜΕ) Δημήτριος Κανταρτζόγλου
Τηλ.: +32 2 707 6734
e-mail: d.kantartzoglou@grdel-nato.be

Βρυξέλλες, 06 Μαΐου 2022
Α.Π.: 2477

ΠΡΟΣ: ΥΠΟΥΡΓΕΙΟ ΕΘΝΙΚΗΣ ΑΜΥΝΑΣ
- ΓΔΑΕΕ/ΔΑΕΤΕ (μ.η.)

ΚΟΙΝ.: ΥΠΟΥΡΓΕΙΟ ΕΞΩΤΕΡΙΚΩΝ ΓΕΕΘΑ
- κ. Δ' Γενικό Διευθυντή - Γ2 Διεύθυνση
- Δ2 Διεύθυνση
ΥΠΟΥΡΓΕΙΟ ΑΝΑΠΤΥΞΗΣ
- Γενική Γραμματεία Εμπορίου (μ.η.)
- Γενική Γραμματεία Βιομηχανίας/
Διεύθυνση Διεθνών Βιομηχανικών
Σχέσεων (μ.η.)
ΤΕΧΝΙΚΟ ΕΠΙΜΕΛΗΤΗΡΙΟ ΕΛΛΑΔΟΣ
- Διεύθυνση Επαγγελματικής
Δραστηριότητας (μ.η.)

ΘΕΜΑ: 2^η Τροποποίηση Αίτησης Υποβολής Προσφορών Διαγωνιστικής Διαδικασίας BOA+ RFQ-CO-115653-ITM-R, "Provision of Wireless Connectivity for NATO Sites"

Διαβιβάζεται, συνημμένως, 2^η Τροποποίηση Αίτησης Υποβολής Προσφορών (Request for Quotation/RFQ), εν θέματι διαγωνιστικής διαδικασίας Basic Ordering Agreement Plus (BOA+), εκ μέρους ΝCΙΑ, ως φιλοξενούντος έθνους.

Καταληκτική ημερομηνία υποβολής προσφορών παραμένει η **10^η Μαΐου τ.έ., 12:00 CET.**

Ενδιαφερόμενοι δύνανται αναζητήσουν πληροφορίες μέσω καθορισμένου σημείου επαφής (Point of Contact/POC, βλ. παρ. 5 τροποποίησης).

Παρακαλούμε για τις ενέργειές σας.

Λ Α Μ Π Ρ Ι Δ Η Σ

Συν. σελ.: 16

ΑΚΡΙΒΕΣ ΑΝΤΙΓΡΑΦΟ
Η υπάλληλος της Μ.Α. ΝΑΤΟ
Αικατερίνη Νικάκη
Τμηματάρχης Α' ΕΠ & ΠΛ

NCIA/ACQ/2022/06777
04 May 2022

To: Prospective Offerors

Amendment 2 to RFQ-CO-115653-ITM-R

Subject: **Responses to Clarification Requests**

RFQ-CO-115653-ITM-R: Wireless Connectivity for NATO Sites

Reference(s):
A. AC/4-D/2261 (1996 Edition)
B. AC/4-D(2019)0004 (INV)
C. C-M(2002)49 – NATO Security Policy
D. AC/4-DS(2021)0028
E. AC/4(PP)D/27263-REV2-ADD19
F. Issuance of RFQ-CO-115653-ITM-R dated 05 April 2022
G. Issuance of RFQ-CO-115653-ITM-R Amendment 1 dated 21 April 2022

Dear Sir/Madam,

1. The purpose of this Amendment 2 to RFQ-CO-115653-ITM-R is to provide all Prospective Offerors with the NCI Agency's answers to Clarification Requests (CR) received to date for the subject RFQ. The Purchaser-provided responses to the CR are issued as Annex A to this letter.
2. As a result of 1 above, the following RFQ documents have been revised:
 - a. 06_RFQ-CO-115653-ITM-R Book II – Part IV Statement of Work. Specifically, table in paragraph 2.2.
3. By virtue of this RFQ Amendment 2, 2.a above replace and supersede any previous version issued in the context of RFQ-CO-115653-ITM-R.
4. All other documents remain unchanged in this Amendment.
5. The NCI Agency point of contact for all information concerning this RFQ is Ms. Natalia Wojciak, who may be reached at RFQCO115653ITMR@ncia.nato.int.
6. The reference for the RFQ is **RFQ-CO-115653-ITM-R**, and all correspondence concerning this RFQ shall reference this number.
7. **THE CLOSING TIME FOR SUBMISSION OF QUOTATIONS IN RESPONSE TO THIS REQUEST FOR QUOTE REMAINS UNCHANGED AT 12:00 HOURS (CET) ON 10 MAY 2022.**



For the Chief of Acquisition

Natalia Wojciak
Contracting Officer

Attachments:

- A. Responses to Clarification Requests received for RFQ-CO-115653-ITM-R
- B. Revised Quotation Documentation as per Paragraph 2 of this letter

Distribution List for RFQ-CO-115653-ITM-R Amendment 2

- **NATO Delegations (Attn: Infrastructure Adviser)**
 - Albania
 - Belgium
 - Bulgaria
 - Canada
 - Croatia
 - Czech Republic
 - Denmark
 - Estonia
 - France
 - Germany
 - Greece
 - Hungary
 - Iceland
 - Italy
 - Latvia
 - Lithuania
 - Luxembourg
 - Montenegro
 - The Netherlands
 - North Macedonia
 - Norway
 - Poland
 - Portugal
 - Romania
 - Slovakia
 - Slovenia
 - Spain
 - Turkey
 - United Kingdom
 - United States

- **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
 - SHAPE, Attn: J3 & J2

- **Strategic Commands**
 - HQ SACT Attn: R&D Contracting Office
 - ACO Liaison Office

- **All NATEXs**
- **NCI Agency – Internal**

ANNEX A						
RFQ-CO-115653-ITM-R						
Administrative / Contractual or Technical Clarification Requests (CR)						
Index No.	RFQ Source Document	RFQ Paragraph Reference	Offeror's Question	NCI Agency's Response	RFQ Package Amended	CR Released in AMD #
CR#1	Book II, Part IV – Statement of Work	Par. 3.1.1	In BOOK II - PART IV Statement of Work (SOW) par. 3.1.1 is written : "the Contractor shall update all existing Cisco Prime Infrastructure version 3.4 to version 3.10". The question is : have any Cisco maintenance fees been purchased for this product?	No, and it is not foreseen to purchase any maintenance fees throughout this project. NCIA has Cisco Prime Infrastructure licenses for current deployment, but is not part of any support contract with Cisco today.	NO	AMD1
CR#2	Book II, Part IV – Statement of Work	Par. 3.4.1	In BOOK II - PART IV Statement of Work (SOW) par. 3.4.1 is written : "the Contractor shall assess the Cisco ISE deployment". The question is : have any Cisco maintenance fees been purchased for this product?	No, and it is not foreseen to purchase any maintenance fees throughout this project. NCIA has Cisco Prime Infrastructure licenses for current deployment, but is not part of any support contract with Cisco today.	NO	AMD1
CR#3	Book II, Part IV – Statement of Work	Par. 3.4	Is the update to the latest release of the Cisco ISE included in the activities provided for in par 3.4 and relating to WP8?	No, the update to the latest release of Cisco ISE is not required within the scope of this project. Consultation activities in WP8 have to be done using our current Cisco ISE version.	NO	AMD1
CR#4	Book II, Part IV – Statement of Work	N/A	Is the current infrastructure of Cisco Prime Infrastructure located only in Mons ? Does the current infrastructure have a centralized management station or are there many local management stations?	Yes. There is only a centralized management station of Cisco Prime Infrastructure installed at Mons data center.	NO	AMD1
CR#5	Book II, Part IV – Statement of Work	N/A	Is the current infrastructure of Cisco Prime Infrastructure installed as a Cisco appliance or virtual machines on dedicated servers?	Cisco Prime Infrastructure is installed on virtual machine not on dedicated server.	NO	AMD1
CR#6	Book II, Part IV – Statement of Work	Par. 3.1.1	Could you confirm which is the correct requirement regarding CCIE expert: - single person who holds either CCIE Wireless or CCIE Security - single person with dual certification (CCIE wireless and CCIE Security) - single person (CCIE wireless) and single person (CCIE Security)?	Required CCIE expert has to have at least one CCIE certification: can be a single person who holds either CCIE Wireless or CCI Security, and can also be a single person with both certifications.	NO	AMD2
CR#7	Book II, Part IV – Statement of Work	Par. 3.1.1	Is CCIE Wireless or CCIE Security expert required to provide services ONLY for the Work Package 8: Cisco ISE Consultation and Work Package 9: Wireless/Security Experts Consultation?	Yes. CCIE Wireless and/or CCIE Security expert is required to provide services ONLY for the Work Package 8: Cisco ISE Consultation and Work Package 9: Wireless/Security Experts Consultation.	NO	AMD2
CR#8	Book I – RFQ Instructions	Par. 3.6. Technical Proposal, 3.6.5. Section 1, a	Could you please clarify what kind of evidence needs to be provided for the proposed Project Manager? Is it acceptable to describe his/her experience in managing projects with similar scope?	Yes. Background references should show his/her experience managing project with similar scope and required skills.	NO	AMD2
CR#9	Book I – RFQ Instructions	Par. 4.2. Administrative criteria, c)	Could you please clarify if you will accept all Certificates in Annex C to be signed electronically?	Yes, we will accept the certificates signed electronically.	NO	AMD2
CR#10	Book I – RFQ Instructions	Par. 4.2. Administrative criteria, c)	In case of temporary joint venture participation, what administrative documentation do we need to submit? It is enough a self declaration signed from all the parts ?	Please submit C-10 Certificate "List of Prospective Sub-Contractors/Consortium Members". Furthermore, please see Book I-RFQ Instructions par. 2.1.3 and 2.2.4. In case of consortium-type arrangements you need to provide an evidence of authority to act on behalf of the consortium.	NO	AMD2
CR#11	Book I – RFQ Instructions	Par. 4.2. Administrative criteria, c)	In case of temporary joint venture participation, in what document the joint venture must be declared? Is it enough to list the companies that will compose the joint venture, with the shares, in the C-10 Certificate?	Yes, please provide C-10 Certificate including all subcontractors/consortium members.	NO	AMD2
CR#12	Book I – RFQ Instructions	Par. 4.2. Administrative criteria, c)	In case of temporary joint venture of companies, can each company invoice independently?	No, we accept invoices only from the Prime Contractor = Company that signed the contract.	NO	AMD2
CR#13	Book I – RFQ Instructions	N/A	Is it possible that the requested requirements belong to our nominated subcontractor?	No, the Prime Contractor is fully responsible for the administration and performance of all subcontractors to meet the contract requirements.	NO	AMD2
CR#14	Book II, Part IV – Statement of Work	Par. 3.2	Is possible to operate remotely on all the virtual machines where the sw is installed (i.e. cisco prime, microfocus, etc) centrally from one of the six sites listed in WP1 / WP6?	Yes, from Mons site all components can be reached and operated remotely. However, WP1 to WP6 require site presence, specially for signal survey.	NO	AMD2
CR#15	Book II, Part IV – Statement of Work	Par. 3.2.2.1	Since the survey on Sigonella is not required, can confirm that it has already been carried out and the results, including all data required for the management tools task, will be available to the contractor?	Yes, as site survey is not required in Sigonella, site data to populate management tools will be provided to the Contractor.	NO	AMD2

CR#16	Book II, Part IV – Statement of Work	Par. 3.5.1	<p>3.5.1. The Contractor shall provide 80 hours of Wireless Consultancy within 6 months after the completion of WP6. The Purchaser will inform the Contractor, in writing, of these requirements, by providing at least two weeks written notice in advance.</p> <p>Can you confirm that the following request: the contractor provide 80 hours of wireless counseling within 6 months, or you thought 6 weeks?</p>	<p>The Contractor shall provide 80 hours of wireless consultancy within <u>6 months</u>. We plan to execute WP9 as soon as possible but due to our internal process we might require more time and therefore we indicated 6 months.</p>	NO	AMD2																																													
CR#17	Book II, Part IV – Statement of Work	Par. 5.1.1	<p>5.1.1. Work Package Acceptance is the act by which the Purchaser has evaluated and determined that the requirements of a specific Work Package have been met. The Contractor shall complete work package activities described in the Schedule of Supplies and Services (SSS), and provide a copy of work package documentation. The Work Package Acceptance will be performed after a delivery of each Work Package. The final Purchaser acceptance will be made in writing by the Contracting Authority.</p> <p>Can you describe in more detail what you mean by a request which is a work package documentation? So we know what you expect to be done.</p>	<p>Work Package documentation refers to documentation created for all work packages (WP1-WP9). The required documentation is described in more details in Book II, Part IV – Statement of Work, Par. 5.2</p>	NO	AMD2																																													
CR#18	Book II, Part IV – Statement of Work	Par. 2.2	<p>Switches and WAPs are already physically installed and cabled at the six sites listed in paragraph 1.2.1. The devices are allocated according to the following table:</p> <table border="1" data-bbox="384 680 919 775"> <thead> <tr> <th>Function</th> <th>Device</th> <th>Mons</th> <th>Lago Patria</th> <th>Norfolk</th> <th>Northwood</th> <th>Izmir</th> <th>Signonella</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>WAP</td> <td>Cisco 2802i WAP</td> <td>304</td> <td>538</td> <td>128</td> <td>63</td> <td>283</td> <td>40</td> <td>1356</td> </tr> <tr> <td>POE+</td> <td>Dell S3148P</td> <td>41</td> <td>52</td> <td>0</td> <td>9</td> <td>37</td> <td>14</td> <td>153</td> </tr> <tr> <td>Agg. Switch</td> <td>Dell S4048-ON</td> <td>4</td> <td>4</td> <td>4</td> <td>2</td> <td>2</td> <td>2</td> <td>4</td> </tr> <tr> <td>WLC</td> <td>Cisco var.mod</td> <td>2</td> <td>1</td> <td>2</td> <td>2</td> <td>1</td> <td>1</td> <td>8</td> </tr> </tbody> </table> <p>Can you check the exact quantities of the total items from the table above? The quantities do not match the requirements in the following documents:</p> <ul style="list-style-type: none"> - 07_RFQ-CO-115653-ITM-R_Book II - Part IV SOW Annex A – Mons - 08_RFQ-CO-115653-ITM-R Book II - Part IV SOW Annex B - Lago Patria - 09_RFQ-CO-115653-ITM-R Book II - Part IV SOW Annex C – Norfolk - 10_RFQ-CO-115653-ITM-R Book II - Part IV SOW Annex D - Northwood - 11_RFQ-CO-115653-ITM-R Book II - Part IV SOW Annex E - Izmir - 12_RFQ-CO-115653-ITM-R Book II - Part IV SOW Annex F – Signonella <p>Can you confirm the exact quantities of individual devices by location?</p>	Function	Device	Mons	Lago Patria	Norfolk	Northwood	Izmir	Signonella	Total	WAP	Cisco 2802i WAP	304	538	128	63	283	40	1356	POE+	Dell S3148P	41	52	0	9	37	14	153	Agg. Switch	Dell S4048-ON	4	4	4	2	2	2	4	WLC	Cisco var.mod	2	1	2	2	1	1	8	<p>Please refer to annexes for more precise and detailed information. Table in Book II - Part IV Statement of Work, part 2.2, page 5 has been revised to match the quantities presented in the Annexes. Concurrently, please be informed that the quantities of devices have been provided to give a very accurate picture of the wireless infrastructure size that needs to be surveyed for WP1 - WP6 but it does not provide the exact number of devices.</p>	YES	AMD2
Function	Device	Mons	Lago Patria	Norfolk	Northwood	Izmir	Signonella	Total																																											
WAP	Cisco 2802i WAP	304	538	128	63	283	40	1356																																											
POE+	Dell S3148P	41	52	0	9	37	14	153																																											
Agg. Switch	Dell S4048-ON	4	4	4	2	2	2	4																																											
WLC	Cisco var.mod	2	1	2	2	1	1	8																																											
CR#19	Book II, Part IV – Statement of Work	Par. 3.2.1	<p>3.2.1. The Contractor shall review and deliver wireless infrastructure on each site, as described in the following annexes:</p> <ol style="list-style-type: none"> 1. Annex A: WP 1 – Wireless infrastructure in Mons 2. Annex B: WP 2 – Wireless infrastructure in Lago 3. Annex C: WP 3 – Wireless infrastructure in Norfolk 4. Annex D: WP 4 – Wireless infrastructure in Northwood 5. Annex E: WP 5 – Wireless infrastructure in Signonella 6. Annex F: WP 6 – Wireless Infrastructure in Izmir <p>Please clarify what you consider to be the above request? Should the Contractor deliver one piece of equipment?</p>	<p>The Contractor is not required to provide any hardware as part of project deliverables. He will upgrade management tools to include recently installed and configured infrastructure.</p>	NO	AMD2																																													
CR#20	Book II, Part IV – Statement of Work	Par. 2.1	<p>The Contractor shall perform signal wireless surveys (as specified herein) and provide the outcomes; update Cisco Prime Infrastructure software; populate wireless and network management tools with new recently installed wireless infrastructure on sites; provide consultation on Cisco ISE architecture and configuration; provide consultation from wireless/security accredited specialists.</p> <p>Please confirm that Cisco ISE and Cisco Prime are installed only at the Mons?</p>	<p>Cisco Prime Infrastructure is installed only in Mons, but Cisco ISE is installed in Mons and in Lago Patria.</p>	NO	AMD2																																													

**RFQ-CO-115653-ITM-R
AMENDMENT 2**

WIRELESS CONNECTIVITY FOR NATO SITES



**BOOK II - PART IV
STATEMENT OF WORK (SOW)**

TABLE OF CONTENTS

Statement of Work (SOW) ANNEXES	3
SECTION 1 Introduction	4
1.1. Background.....	4
1.2. Objectives.....	4
SECTION 2 Scope of work	5
2.1. General.....	5
2.2. WLAN Infrastructure in scope	5
2.3. Work Breakdown.....	5
2.4. Schedule.....	6
SECTION 3 Work Packages Description	7
3.1. General.....	7
3.2. Work Package 1 to 6.....	7
3.3. Work Package 7: Cisco Prime Infrastructure Update	8
3.4. Work Package 8: Cisco ISE Consultation.....	9
3.5. Work Package 9: Wireless/Security Experts Consultation	9
SECTION 4 Purchase Furnished Equipment/ Information	9
4.1. Purchase Furnished Equipment/Information	9
SECTION 5 Final Acceptance	10
5.1. Work Package Acceptance	10
5.2. Required Documentation	10

STATEMENT OF WORK (SOW) ANNEXES

1. ANNEX A Wireless Infrastructure in Mons
2. ANNEX B Wireless Infrastructure in Lago Patria
3. ANNEX C Wireless Infrastructure in Norfolk
4. ANNEX D Wireless Infrastructure in Northwood
5. ANNEX E Wireless Infrastructure in Izmir
6. ANNEX F Wireless Infrastructure in Sigonella

STATEMENT OF WORK (SOW) ANNEXES to be provided after Contract Award

1. ANNEX A.1 WAP Placement in Mons
2. ANNEX A.2 Electronic copy of floor plans for Mons
3. ANNEX B.1 WAP Placement in Lago Patria
4. ANNEX B.2 Electronic copy of floor plans for Lago Patria
5. ANNEX C.1 WAP Placement in Norfolk
6. ANNEX C.2 Electronic copy of floor plans for Norfolk
7. ANNEX D.1 WAP Placement in Northwood
8. ANNEX D.2 Electronic copy of floor plans for Northwood
9. ANNEX E.1 WAP Placement in Izmir
10. ANNEX E.2 Electronic copy of floor plans for Izmir
11. ANNEX F.1 WAP Placement in Sigonella
12. ANNEX F.2 Electronic copy of floor plans for Sigonella

SECTION 1 INTRODUCTION

1.1. Background

The former ITM WP1 project was initiated to deliver a new WLAN network at Wave 1 sites. However, due to unforeseen interruption of project provider activities, physical installation to support WLAN was only partially completed, and configuration never addressed.

The purpose of the new ITM Remediation Phase 4 project is to complete these WLAN infrastructures in order to provide required WLAN capacity on Wave 1 sites.

The requirement is to update Cisco Prime Infrastructure wireless management tool to survey signal after installation and support activities for Cisco ISE deployment.

1.2. Objectives

1.2.1. Perform active/passive site survey, recommend and document wireless environment that is implemented at the following Wave 1 sites:

1. SHAPE, Mons, Belgium
2. JFC Naples, Lago Patria, Italy
3. HQ SACT, Norfolk, USA
4. HQ MARCOM, Northwood, UK
5. HQ LANDCOM, Izmir, Turkey
6. AGS, Sigonella, Italy

SECTION 2 SCOPE OF WORK

2.1. General

The Contractor shall perform signal wireless surveys (as specified herein) and provide the outcomes; update Cisco Prime Infrastructure software; populate wireless and network management tools with new recently installed wireless infrastructure on sites; provide consultation on Cisco ISE architecture and configuration; provide consultation from wireless/security accredited specialists.

2.2. WLAN Infrastructure in scope

Switches and WAPs are already physically installed and cabled at the six sites listed in paragraph 1.2.1. The devices are allocated according to the following table:

Function	Device	Mons	Lago Patria	Norfolk	Northwood	Izmir	Sigonella	Total
WAP	Cisco 2802i WAP	305	516	130	62	253	42	1310
PoE+	Dell S3148P	46	57	22	7	37	16	185
Agg. Switch	Dell S4048-ON	4	4	4	2	2	2	18
WLC	<i>Cisco var.mod</i>	2	1	2	2	1	1	8

Each site consists of several buildings. Floor plans with WAP and technical room's locations will be provided to the Contractor (after Contract Award) due to security requirements.

2.3. Work Breakdown

2.3.1. The Contractor shall perform the work described in the following work packages (WP) at location and at the time specified in the Schedule of Supplies and Services (SSS):

- **WP1 - Mons**
 - CLIN1.1 – Signal Site Survey
 - CLIN1.2 – Management Tools
- **WP2 - Lago**
 - CLIN2.1 – Signal Site Survey
 - CLIN2.1 – Management Tools
- **WP3 - Norfolk**
 - CLIN3.1 – Signal Site Survey
 - CLIN3.2 – Management Tools
- **WP4 - Northwood**
 - CLIN4.1 – Signal Site Survey
 - CLIN4.2 – Management Tools

- **WP5 - Izmir**
 - CLIN 5.1 – Signal Site Survey
 - CLIN 5.2 – Management Tools

- **WP6 - Sigonella**
 - CLIN 6.1 – Management Tools

- **WP7 – Cisco Prime Infrastructure Update**
 - CLIN 7.1 – Cisco Prime Infrastructure Update

- **WP8 – Cisco ISE Consultation**
 - CLIN 8.1 – Cisco ISE Consultation

- **WP9 – Wireless/Security Experts Consultation**
 - CLIN 9.1 – Wireless/Security Experts Consultation

2.4. Schedule

2.4.1. The following schedule shall be used for planning purposes for all WPs described in paragraph 2.3 above (EDC - Effective Date of Contract).

Task Name	Schedule
Contract Award	EDC
Work Package 1 – Mons	EDC +5W
Work Package 2 – Lago	EDC +9W
Work Package 3 – Norfolk	EDC +11W
Work Package 4 – Northwood	EDC +7W
Work Package 5 – Izmir	EDC +13W
Work Package 6 – Sigonella	EDC +15W
Work Package 7 – Cisco Prime Infrastructure Update	EDC +5W
Work Package 8 – Cisco ISE Consultation	EDC +6W
Work Package 9 – Wireless/Security Experts Consultation	EDC +21W

SECTION 3 WORK PACKAGES DESCRIPTION

3.1. General

The following requirements are applicable to all work packages.

- 3.1.1. Consultation tasks described in paragraph 3.4 and 3.5 must be performed by an engineer that holds a valid Cisco CCIE Wireless or Cisco CCIE Security certificate.
- 3.1.2. The Contractor shall provide a Project Manager (PM) who is responsible for managing and coordinating all Contractor tasks to ensure the successful implementation of the activities and delivery in accordance with this SOW and the SSS. The PM shall be available to respond to the Purchaser communications within 24 hours of receipt (Monday to Friday (08:00-17:00 CET) and shall provide weekly progress reports identifying risks, issues and proposed actions/solutions.
- 3.1.3. The Contractor workforce shall meet personal security requirements to access sites in scope. In particular, NATO security clearance will be required to access the site security areas.
- 3.1.4. The Contractor shall obtain all necessary permits and licenses required to enable and execute the contracted works in the countries listed in paragraph 1.2.
- 3.1.5. The Contractor shall provide all documentation to access the sites, work permits and any other administrative documents necessary to execute the project.
- 3.1.6. The Contractor shall provide all skilled resources and necessary tools/test equipment and materials required for the installation works and verification of all completed works at each site location.
- 3.1.7. The Contractor shall work in accordance with National and NATO applicable technical standards, including COVID-19 regulations.

3.2. Work Package 1 to 6

- 3.2.1. The Contractor shall review and deliver wireless infrastructure on each site, as described in the following annexes:
 1. Annex A: WP 1 – Wireless infrastructure in Mons
 2. Annex B: WP 2 – Wireless infrastructure in Lago
 3. Annex C: WP 3 – Wireless infrastructure in Norfolk
 4. Annex D: WP 4 – Wireless infrastructure in Northwood
 5. Annex E: WP 5 – Wireless infrastructure in Sigonella
 6. Annex F: WP 6 – Wireless Infrastructure in Izmir
- 3.2.2. The Contractor will deliver Work Packages 1 to 6 comprising of two sub-packages detailed at paragraph 3.2.2.1 and 3.2.2.2 at each site as follows:
 - 3.2.2.1. **Signal Site Survey**
 - 3.2.2.1.1. The Contractor shall perform a wireless site survey and deliver a report (“Site Survey Report”) with the following information detailed in electronic copies of scaled floor plans:

1. Updated WAP locations (0.5 meter maximum error)
 2. Channels in use for WAPs at 5 GHz
 3. Heat maps with RSSI and SNR (passive mode survey) at 5 GHz
 4. Heat maps with data rate (active mode survey) at 5 GHz
 5. Possible sources of interference and noise
- 3.2.2.1.2. The Contractor shall use electronic copies of facility floor plans provided by the Purchaser.
- 3.2.2.1.3. A signal site survey is not required in Sigonella, Italy.
- 3.2.2.2. **Management Tools**
- 3.2.2.2.1. The Contractor shall update all Cisco Prime Infrastructure configurations in order to manage new elements of WLAN solution, including WAPs, PoE+ switches and WLC including :
1. Populate Cisco Prime with new locations in scope (buildings and floor plans);
 2. Populate Cisco Prime with WAPs;
 3. Calibrate WAPs locations on Cisco Prime Floor Plan;
 4. Configure Alerts with Cisco best practices (example: eliminate false alarms).
- 3.2.2.2.2. The Contractor shall update all DX NetOps Spectrum network monitoring tool, with the following information:
1. Populate DX Spectrum with the switches ;
 2. Create and/or update DX Spectrum maps with the switches and WAPs with all links.
- 3.2.2.2.3. The Contractor shall update all Micro Focus Network Automation (MFNA) tool, with the following information:
1. Populate the MFNA tool with the switches

3.3. Work Package 7: Cisco Prime Infrastructure Update

- 3.3.1. The Contractor shall update all existing Cisco Prime Infrastructure version 3.4 to version 3.10 keeping the same configuration and log event database as the current implementation. The current infrastructure is located in Mons, Belgium.
- 3.3.2. The Contractor shall provide evidence to the Purchaser of the new installed version of Cisco Prime Infrastructure software.

3.4. Work Package 8: Cisco ISE Consultation

- 3.4.1. The Contractor shall assess the Cisco ISE deployment and provide a “Cisco ISE report” with the following information:
1. Measured latency for Radius authentication and capacity stress test (simultaneous user authentication);
 2. Deployment best practices to avoid authentication issues with current Cisco ISE deployment (examples: sharing load, geographic distribution of PSN, etc.);
 3. Assess ISE current installed policies and configuration, and provide Analysis Gap against vendor best practices and industry standards.

3.5. Work Package 9: Wireless/Security Experts Consultation

- 3.5.1. The Contractor shall provide 80 hours of Wireless Consultancy within 6 months after the completion of WP6. The Purchaser will inform the Contractor, in writing, of these requirements, by providing at least two weeks written notice in advance. Such notice shall include details of the number of hours (min. 8h) of consultancy required in a specific topic. The consultancy work will include but not be limited to:
1. Migration strategy and definition of migration steps for Cisco DNA SD-Access ;
 2. Conduct a Penetration Test to evaluate security of the wireless deployment;
 3. Support to update Cisco Prime to Cisco DNA Center;
 4. Hardening of Cisco ISE.
- 3.5.2. The Contractor shall deliver the Purchaser requested consultancy support, (which may also require an initial presence on site in Mons (for 1 or 2 days max)), with formal assessments and reporting of all deliverables being conducted remotely, with the Contractor providing the Purchaser with written evidence of all findings in written reports/conclusions formats that are to be transmitted electronically.
- 3.5.3. The Contractor shall provide a resource timesheet report and deliver it to the Purchaser no later than 5 calendar days after completion of work package activities.

SECTION 4 PURCHASE FURNISHED EQUIPMENT/ INFORMATION**4.1. Purchase Furnished Equipment/Information**

- 4.1.1. The following items will be provided by the Purchaser as Purchaser Furnished Equipment/ Information (PFE/I):
1. Clean building floor plans and schematics;
 2. Building floor plans with WAPs and technical rooms location.

SECTION 5 FINAL ACCEPTANCE

5.1. Work Package Acceptance

- 5.1.1. Work Package Acceptance is the act by which the Purchaser has evaluated and determined that the requirements of a specific Work Package have been met. The Contractor shall complete work package activities described in the Schedule of Supplies and Services (SSS), and provide a copy of work package documentation. The Work Package Acceptance will be performed after a delivery of each Work Package. The final Purchaser acceptance will be made in writing by the Contracting Authority.
- 5.1.2. The following criteria shall be met to achieve specific work package acceptance:
1. All SOW requirements for the specific work package are met as indicated in this Statement of Work;
 2. All documents as described in section 5.2 below for the specific work package are delivered and approved by the Purchaser;
 3. All outstanding issues, failures, and deficiencies in relation to the work package are closed to the satisfaction of the Purchaser.

5.2. Required Documentation

5.2.1. For Work Packages 1 to 6

- 5.2.1.1. All Site Survey reports are to be delivered to the Purchaser, with the following information detailed in electronic copies (i.e iBwave files) of scaled floor plans of all the buildings in scope.
1. Updated WAP locations (0.5 meter maximum error);
 2. Channels in use for WAPs at 5 GHz;
 3. Heat maps with RSSI and SNR (passive mode survey) at 5 GHz;
 4. Heat maps with data rate (active mode survey) at 5 GHz;
 5. Possible sources of interference and noise.

5.2.2. For Work Package 7

- 5.2.2.1. The Contractor shall provide to the Purchaser evidence to confirm software has been updated, providing screenshot of installed version (i.e. screenshot of "About" software version screen).

5.2.3. For Work Package 8

- 5.2.3.1. The Contractor shall provide to the Purchaser a Cisco ISE report, with all findings from the analyses performed as described in paragraph 3.4.1.

5.2.4. For Work Package 9

- 5.2.4.1. The Contractor shall provide to the Purchaser resource timesheet report(s), with time allocated and spent on specific Purchaser activities requested in writing, that have been duly authorised and performed by the Contractor Consultant.