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Acquisition Directorate  
Boulevard Léopold III  
B-1110 Brussels

NCIA/ACQ/2020/6491  
23 July 2020

To : All Prospective Bidders

Subject : **IFB-CO-15049-BITI: INVITATION FOR BID  
Technical Refresh of Balkans IT Infrastructure, Clarification Requests  
Release # 3**

Reference(s) A. AC/4-D(2011)0009-FINAL, Alliance Operations and Missions NSIP Procurement Regulations  
B. AC/4-D/2261 (1996 Edition), Procedures for International Competitive Bidding  
C. AC/4(PP)D/27887-Add1  
D. AC/4-DS(2019)0027 (INV)  
E. AC/4(PP)D/27806-Add1-Rev1  
F. AC/4-DS(2019)0030  
G. NCI Agency NOI: NCIA/ACQ/2020/6332 dated 17 February 2020  
H. IFB-CO-15049-BITI; NCIA/ACQ/2020/6757 dated 05 June 2020  
I. IFB-CO-15049-BITI Amendment 1; NCIA/ACQ/2020/6839 dated 24 June 2020  
J. IFB-CO-15049-BITI Amendment 2; NCIA/ACQ/2020/6869 dated 03 July 2020  
K. IFB-CO-15049-BITI Amendment 3; NCIA/ACQ/2020/6900 dated 10 July 2020

Dear Prospective Bidders,

1. Please find attached the list of Clarification Requests and responses in relation to subject IFB (Release Number 3).
2. Except as provided herein, all other terms and conditions of the IFB documents remain unchanged.
3. The NCI Agency point of contact for all information concerning this IFB remains Mr. Graham Hindle, Senior Contracting Officer, who may be reached at [IFB-CO-15049-BITI.Communication@ncia.nato.int](mailto:IFB-CO-15049-BITI.Communication@ncia.nato.int).
4. Your interest and participation in the NCI Agency's acquisition projects is appreciated.

For the Director of Acquisition

Graham Hindle  
Senior Contracting Officer



NATO Communications  
and Information Agency  
Agence OTAN d'information  
et de communication

[www.ncia.nato.int](http://www.ncia.nato.int)

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**Distribution List for IFB-CO-15049-BIT1  
Clarification Request Release # 3**

**All Nominated Prospective Bidders**

**NATO Delegations (Attn: Infrastructure Adviser)**

**Embassies in Brussels (Attn: Commercial Attaché)**

**Distribution for information:**

**NATO HQ**

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

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

**EU Staff Group at SHAPE**

**EU OHQ OP ALTHEA (EUFOR BiH)**

**NCI Agency – ALL NATEXs**

**NCI Agency**

**ANNEX A: Clarification Requests Response Release No 3**

Index no. NCI Agency	IFB Ref.	Bidder's Question	NCIA Answer
1	Document 9 section 3.8.3	In this tender Document 9 section 3.8.3 is stated the requirement for a secure XML labelling guard. Is it planned to replace NATO's own IG (Security Gateway) by one from third parties?	NATO is willing to use any XML-Labeling Guard (XLG) solution that meets or exceeds the requirements in Part IV, Statement of Work, Annex A, Section 3.8.3 and Section A.1.23.
2	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	Technical specification of „A.1.31 A4 Printer“ is part of IBF, but there is no A.1.31 inside Bidding sheet. Could you please specify how many A.1.31 we have to offer?	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
3	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	In bidding sheet SOW reference A.1.34 is „A3 Printer Tempest C“, but in IFB reference A.1.34 is “A0 Plotter/Scanner Combi Device + Media Converter”. Could you please equalize the reference numbers in IFB and bidding sheet?	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
4	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	Technical specification of „A.1.47 Rugged Notebook“ is part of IBF, but there is no A.1.47 inside Bidding sheet. Could you please specify how many A.1.47 we have to offer?	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
5	Part IV, Statement of Work, Annex A, Sect 3.8.3	Please clarify whether NATO intends to use its existing IEG solution or whether NATO is willing to use cross domain solutions (CDS) for data filtering / guard (Security Gateway) and data NATO STANAG 4774/8 labeling (Labeling Service) accredited up to NATO SECRET and listed in the NIAPC?	NATO is willing to use any XML-Labeling Guard (XLG) solution that meets or exceeds the requirements in Part IV, Statement of Work, Annex A, Section 3.8.3 and Section A.1.23.
6	Cover Letter, Attachment B	Cover Letter, Attachment B – The final bidders list is incomplete. Our company for example is not listed. Others are probably as well not listed. Please provide us with an updated list of all approved bidders which is important to partner with other vendors, especially as a product company like ours.	The list is not part of bidding documentation but provided for information A revised list will be issued in Amendment No 1

7	IaaS DC Architecture Section 2, 2.4	<p>“The IaaS Datacentre Architecture shall provide a high-resiliency virtualised platform using VMware virtualisation technology to host Virtual Machines (VMs) and virtualised storage.” a. NCI Agency has mandated and name branded vSAN throughout the document for the data centre architecture. vSAN is not the only architecture that can accomplish IaaS DC architecture requirement.</p> <p><b>1. Question:</b> will NATO NCI Agency accept a technically compliant alternative solution instead of vSAN that still uses VMWare virtualization technology to host VMs and Virtualized Storage ?</p> <p><b>2. Question:</b> vSAN requires 10-30% CPU overhead for storage. Will NCI Agency accept a solution that provides zero CPU overhead that will potentially lower total cost of ownership (TCO)? ?</p> <ul style="list-style-type: none"> <li>• For example, Item 182, page 25 of system requirements document shows the following: (2) 205 vCPU (3) 610 vRAM. The vSAN technology will severely reduce the resource offerings of the requirements listed.</li> </ul> <p><b>3. Question:</b> vSAN only offers a 2 to 1 workload data reduction. Will NCI Agency accept a solution that provides 4:1 workload data reduction or better that will potentially lower total cost of ownership (TCO)?</p> <p><b>4. Question:</b> vSAN is a shared core HCI solution. Will NCI Agency accept an HCI solution that has separate storage and compute nodes allowing independent scalability of resources?</p> <p><b>5. Question:</b> Will NCI Agency accept a solution and consider in their evaluation adding merit to a solution that guarantees application performance across all their application workloads?</p> <p><b>6. Question:</b> vSAN upgrade and expansion offerings are inflexible and severely degrade performance during maintenance changes. Will NCI Agency accept and add merit value to solution that expands and contracts flexibly to allow upgrades and resizing without limits or performance impact?</p> <p><b>7. Question:</b> vSAN storage services are only available to VM running on the vSAN host. Will NCI Agency accept a more open storage architecture supporting technology and / or model that allows external compute resources to attach to the HCI storage nodes?</p>	<p>The answers to the questions are as follows:</p> <p>Q1. The Agency will not accept an alternate solution to vSAN for this project because of interdependencies with other IT infrastructure and services.</p> <p>Q2. The vSAN CPU overhead is factored into the design and specifications.</p> <p>Q3. A solution that provides a 4:1 workload data reduction is interesting, however the amount of data to be stored on the vSAN will not be large so the lower TCO is expected to be nominal.</p> <p>Q4. No, see answer to question 1.</p> <p>Q5. No, only the equipment specified in the SRS shall be evaluated.</p> <p>Q6. No, performance degradation during maintenance operations is factored into the vSAN solution.</p>
8	n/a	<p>2. FILE SERVICES:</p> <p>a. There is no mention of files services throughout the data center solution description of services</p> <p>1. Question: What is the plan to manage File Services to include CIFS, NFS and SMB protocols?</p>	<p>File services will be provided using a traditional file server. NFS is not a requirement.</p>

9	BACK-Up 3.5 IaaS Component, 3.5.1 Installation	<p>3. BACK-Up 3.5 IaaS Component, 3.5.1 Installation</p> <p>a. NCIAGENCY is requesting the following: "A backup and archiving solution shall be installed using the equipment provided in this contract to provide a two tier backup strategy that provides backup to disk for fast retrieval and backup to tape for long term storage and disaster recovery. To facilitate this two-tier strategy for each site, data will be replicated to the Datacentre sites from the ROBO sites where the data can be stored on tape for disaster recovery purposes and archiving."</p> <p>1. Question: Will NCIAgency permit an alternative solution for long term storage and disaster recovery that removes the costs and burdens involved with Tape?</p> <p>2. Question: Will NCIAgency consider a more modern ILM and Retention policy to address any concerns with replacing tape?</p>	<p>The answers to the questions are as follows:</p> <p>Q1. The Agency appreciates that there are a number of alternate solutions to tape for for long term storage but for the scope of this project the use of tape to store backups and archives for longer periods is sufficient.</p> <p>Q2. Implementation of a modern ILM solution is not the main purpose of this project. ILM and archiving of data for missions is being considered but until these requirements are expressed they will not be included within the scope of this project.</p>
10	Section 3. Technical Services Specification, Item 96	<p>4. Sole Source clarification. Section 3. Technical Services Specification, Item 96</p> <p>a. NATO Writes: "Where named brands or models are specified, NATO requires these specific named products to ensure commonality for logistics, maintenance, and troubleshooting purposes. As these are implemented throughout the NATO networks, this enables the Purchaser to minimize the training, spares, maintenance and logistics costs associated with the networks and provide the best support to the end-user."</p> <p>**...would like to express concern with the statement made in Section 3. Technical Services Specification, Item 96 as it appears to severely limit the opportunity for innovation and competition in this IFB. While Veeam, vSAN, and HPE may be located on some NATO networks, similar solutions from other vendors are equally found if not more prevalent on NATO networks throughout the alliance including but not limited to ANWI, NHQ, NSHQ, SHAPE, NAGSMA AGS, DCIS, etc.</p> <p>1. Question: vSAN locks customers into a VMware only solution. Will NCIAgency accept the use of standard storage protocols (iSCSI) to prevent vendor lock-in?</p> <p>2. Question: vSAN does not allow utilization of existing infrastructure assets such as storage and compute. vSAN also does not allow for future changes to different hypervisors, container based solutions other than what is offered by VMware, thus providing NATO with a vendor lock-in challenge. Will NCIAgency accept a solution that will not only provide VMware hypervisor use today, but also allow for flexibility with other hypervisors and container based solutions outside the VMware product line?</p>	<p>Your concern is noted. The answers to the questions are as follows:</p> <p>Q1. The project will be using standard storage protocols including iSCSI</p> <p>Q2. The Agency has standardised on VMware virtualisation solutions for most of its IT infrastructure projects and has no plans to change solutions or vendors at this time.</p>
11	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications	<p>Technical specification of „ A.1.34 A0 Plotter/Scanner Combi Device + Media Converter” states the asked model is DesignJet T830 A0 MFP Plotter but the mentioned model does not fulfil the asked minimum technical requirements. Should the asked model be offered or the model that fulfils the mentioned requirements?</p>	<p>There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.</p>

12	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications	<p>Technical specification of „A.1.35 A0 Plotter + Media Converter” states the asked model is DesignJet T520 A1 Plotter but the mentioned model does not fulfil the asked minimum technical requirements. Should the asked model be offered or the model that fulfils the mentioned requirements?</p>	<p>There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.</p>
13	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications	<p>Technical specification of „A.1.46 Laptop (Windows)” is used in document “03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets (MS Excel)” as a SOW reference for CLIN 6.1.54. and 6.6.53. In the technical requirements under:</p> <ul style="list-style-type: none"> <li>- Bullet 8. Wireless Display / Miracast support is asked</li> <li>-Bullet 14. Intel IEEE 802.11 Dual-Band Wireless-AC 9560 Wi-Fi (vPro) is aksed</li> <li>- Bullet 15. Bluetooth 5.0 is asked</li> </ul> <p>To achive asked TEMPEST certification asked under CLIN 6.1.54 WiFi and Bluetooth module need to be disabled. Can you check the asked requirements?</p>	<p>Addressed in amendment 2. No Tempest certificate required for laptops. We will keep the requested configuration for the laptop. Any bidding sheet CLIN that does not have TEMPEST Certificate level will be considered COTS regardless of the SRS description.</p>
14	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications	<p>Technical specification of „A.1.47 Rugged Notebook” states that the minimum requirement for:</p> <ul style="list-style-type: none"> <li>- Bullet 3. Performance BAPCo MobileMark 2014, Office Productivity of 1409 BAPCo MobileMark 2014; Battery life of 1393</li> </ul> <p>Does the battery life of minimum 1393 include also additional batteries?</p>	<p>The offered equipment shall meet the specified requirement using the installed battery(s) without the need to power down the laptop or for the user to take action to change the battery.</p>

15	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications 03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)	For certain devices SDIP-27 Level B or C certification is required. Do you require full SDIP-27 certification that includes Radiated Emission (RE) and Conducted Emission (BLC) or is Radiated Emission (RE) enough?	For devices requiring Level C certification, Radiated Emission certification is sufficient. For laptops requiring Level B certification, Radiated Emission and Conducted Emission certification is required. For other devices (i.e. non-laptops) required Level B certification, two options are acceptable: 1) Radiated Emission and Conducted Emission certification; or 2) Radiated Emission certification and a pluggable TEMPEST power filter sourced from a TEMPEST-approved vendor in the NATO Information Assurance Product Catalogue (NIAPC), with CEE 7/7 inlet, and outlets suitable for the TEMPEST B device.
16	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	Technical specification of „ A.1.37 Projector (Large, 5000 Lumens)” states that the minimum requirement for: - Bullet 8. KVM: HDMI KVM (1 output, 4 inputs) Currently available projectors have maximum 1 HDMI output and 3 HDMI inputs. Can an external KVM be offered?	The equipment specification is being corrected and will be released in an amendment to the IFB.
17	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	Technical specification of „ A.1.40 Projectors (small, portable)” states that the minimum requirement for: - Bullet 5. Screen Size – Diagonal 0.78m~7.81m (30.7”~307.5”) Projection size is usually defined in round numbers. Is a projector that offers screen (projection) size 30” - 300” acceptable?	Yes projector that can project a screen size of 30" (76.2 cm) to 300" (762cm) is acceptable. The equipment specification is being corrected and will be released in an amendment to the IFB.
18	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	Technical specification of „ A.1.40 Projectors (small, portable)” states that the minimum requirement for: - Bullet 6. Projection Distance – 1.2m - 10.0m (3.94 ft - 32.81 ft) Manufacturers of projectors define throw ratio which is a number how far from a projection screen a projector needs to be to achieve wanted picture width (D/W). Can you please redefine the asked requirement and define acceptable throw ratio?	Bidders shall offer equipment that meets the provided specifications in the IFB.
19	1.5.2. and 1.5.4. of the Bidding Instructions & Corrigendum 1	how we should understand the point 1.5.2. and 1.5.4. of the Bidding Instructions - if "the overall security classification of the IFB is "NATO UNCLASSIFIED"? Does the declassification cover these paragraphs as well?	the overall security classification of the IFB is "NATO UNCLASSIFIED"

20	Book I - Annex A Bidding Sheets (MS Excel), CLIN Summary 6.1.44; Book II_Part IV SOW Annex A.1.33	Number 6.1.44 in the bidding sheets states an A4 Printer Tempest C but the SOW reference describes an A3 Printer configuration. Please correct this information or provide an explanation. (Same for 6.6.55)	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
21	Book I - Annex A Bidding Sheets (MS Excel), CLIN Summary 6.1.45; Book II_Part IV SOW Annex A.1.34	Number 6.1.45 in the bidding sheets states an A3 Printer Tempest C but the SOW reference describes an A0 Plotter/Scanner configuration. Please correct this information or provide an explanation. (Same for 6.6.56)	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
22	Book I - Annex A Bidding Sheets (MS Excel), CLIN Summary 6.1.47; Book II_Part IV SOW Annex A.1.34	Number 6.1.47 in the bidding sheets states an A3 Printer Tempest B but the SOW reference describes an A0 Plotter/Scanner configuration. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
23	Book I - Annex A Bidding Sheets (MS Excel), CLIN Summary 6.1.48; Book II_Part IV SOW Annex A.1.35	Number 6.1.48 in the bidding sheets states an A0 Plotter/Scanner Combi Device + Media Converters but the SOW reference describes an A0 Plotter + Media Converter configuration. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
24	Book I - Annex A Bidding Sheets (MS Excel), CLIN Summary 6.1.49; Book II_Part IV SOW Annex A.1.36	Number 6.1.49 in the bidding sheets states an A0 Plotter + Media Converters 100 Base-SX Tempest C but the SOW reference describes a Digital Sender configuration. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
25	Book I - Annex A Bidding Sheets (MS Excel), CLIN Summary 6.1.50; Book II_Part IV SOW Annex A.1.37	Number 6.1.50 in the bidding sheets states a Digital Sender Tempest C but the SOW reference describes a Projector configuration. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.



26	Book I - Annex A Bidding Sheets (MS Excel), CLIN Summary 6.6.58; Book II_Part IV SOW Annex A.1.38	Number 6.1.45 in the bidding sheets states a Projector Large Tempest C but the SOW reference describes an A4 Printer configuration. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
27	Book II_Part IV SOW Annex A.1.31	The A4 Printer can't be found in the Bidding Sheets CLIN Summary. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
28	Book II_Part IV SOW Annex A.1.42	The Media Converter Module can't be found in the Bidding Sheets CLIN Summary. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
29	Book II_Part IV SOW Annex A.1.43	The Media Converter Module SFP 155 can't be found in the Bidding Sheets CLIN Summary. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
30	Book II_Part IV SOW Annex A.1.44	The Media Converter Module SFP 1250 can't be found in the Bidding Sheets CLIN Summary. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
31	Book II_Part IV SOW Annex A.1.45	The Media Converter Wallmount Bracket can't be found in the Bidding Sheets CLIN Summary. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
32	Book II_Part IV SOW Annex A.1.47	The Rugged Notebook can't be found in the Bidding Sheets CLIN Summary. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.
33	Book II_Part IV SOW Annex A.1.47	Item 1 and 2 (Brand and Bracket) in the SoW requirements do not seem to belong to this product. Please correct this information or provide an explanation.	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.

34	BI	Normally a bid compliancy matrix is provided to aid reviewers and bidders in ensuring they proposal has met all the requirements. Will there be one forth coming?	Bidders are to generate
35	Part IV SOW Annex A	The quantity of items is not clear. For example Part IV SOW Annex A, indicates only one Gigaset phone is required, and this occurs throughout the SOW with only one item required. Pricing varies significantly based on the number ordered and in turn impact the quality of the proposal. Will a revised SOW stating clearly the numbers required be forth coming?	The quantities of phones both VoIP (A.1.5) and Analog (A.1.6) have been adjusted to represent quantity of one per item. The actual numbers of phones corresponding to A.1.5 and A.1.6 are laid out in the Schedule of Supplies and Services tables. Please note that some numbers of Gigaset phones are also included in the Analog Voice Gateway specifications A.1.4.1 and A.1.4.2 and these are independent from A.1.6
36	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>3.5.2 Installation          (172) The IaaS services shall be installed to provide a Data center (DC) to Remote Office Branch Office (ROBO) architecture (see diagram below) at identified locations and network classifications. ROBO locations will have a minimal IT footprint with a local backup capability, services will also be accessed from the DC and critical data and backups shall be replicated to the DC from the ROBO location. According to Figure 14: DC and ROBO site IaaS architecture for NLO Skopje ROBO location doesn't contain tape library in IT footprint but we need to offer it 03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel) 6.4 NHQ Skopje (NU) fields 6.4.7 and 6.4.8. Could you confirm that all Quantities in 03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel) column (H) are correct and we can calculate with them?          Annex A Hardware and Software Requirements          Can you confirm that all minimal hardware and software requirements are correct and sufficient, and can we calculate with them in 03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)?          For example:          [183] The vSAN Datacenter Cluster nodes shall use an all-flash configuration to maintain storage performance on virtual servers. - listed configuration for VIRTUAL HOST servers A.1.8 – A.1.10 is not all flash as described in "09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications"          (182) The IaaS VMware vSAN Datacenter shall be installed as a five (5) host cluster to provide the following resources for the virtual servers:(1) 270Tb of raw storage (2) 205 vCPU (3) 610 vRAM          We notice that A.1.8 Virtual Host Server and Storage (Large) cannot</p>	Yes, the quantities of equipment stated in the Bidding Sheets and the specifications are authoritative and shall be used when evaluating bids.

37	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications	Annex A Hardware and Software Requirements A number of items are described with exact manufacturer names and models, mainly Cisco and HPE. Could you please clarify if only those named models are acceptable, or are bidders allowed to offer different models/manufacturers that match the minimum technical specifications?	Where manufacturer/brand names/models are specified the bidder shall offer equipment that meets the minimum specifications. Where no manufacturer/brand is specified then the bidder shall offer shall be sourced from a mainstream brand manufacturer that has a support and warranty channel that covers the geographical scope of this Contract. The IFB will be amended to show this.
38	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications	A.1.12 // Can you please explain terminology "Virtual HOST Witness Server" - Is it necessary to offer physical or virtual solution?	"Virtual HOST Witness Server" is a server role. This is a physical solution as described in the equipment specification A.1.12.
39	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications	Section 3. Technical Services Specification 3.7.2 // [199] Backups shall be saved on disks for 1 Month after which they shall be archived on tape library. Can we get workload sizes and daily change rate to properly calculate disk requirements for backup data stores, or can you confirm that backup configuration in "03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets (MS Excel)" is correct?	The backup equipment stated in the Bidding Sheets and the specifications are authoritative and shall be used when evaluating bids. After contract award detailed design activities will confirm final designs and equipment configurations.
40	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications	Section 3. Technical Services Specification Migration// The Contractor shall provide Engineering Support to migrate equipment, services, users, and data from the existing environment to the new environment Can we get more details about existing workload (services, application, network, amount of data which have to be migrated to new infrastructure)?	After contract award site surveys and detailed design activities shall confirm the details for existing workloads.
41	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets (MS Excel)	6.6 NHQSA HQ (NU/NS) 6.6.8 Router License for SRST Can we get more details about SRST licenses, licenses should be installed on small or large routers intended for NHQSA HQ (NU / NS)?	Yes these are CISCO end point licences for large and small routers.

<p>42</p>	<p>09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications</p>	<p>A.1.3.1 Core Switch - C9500-DNA-L-A-5Y (DNA Advantage 5 Year License)  A.1.3.2 Access Switch Large (SFP) – C9300-DNA-E-48S-5Y (C9300 DNA Essentials, 48-port Fiber, 5 Year Term License)  A.1.3.3 Access Switch Small (SFP) – C9300-DNA-E-24S-5Y (C9300 DNA Essentials, 24-Port Fiber, 5 Year Term License)  A.1.3.4 Access Switch Large (UTP) - C9300-DNA-E-48-5Y (C9300 DNA Essentials, 48-port - 5 Year Term License)  A.1.3.5 Access Switch Small (UTP) - C9300-DNA-E-24-5Y (C9300 DNA Essentials, 24-Port, 5 Year Term License)  A.1.3.6 Access Switch Large (PoE) - C9300-DNA-E-48-5Y (C9300 DNA Essentials, 48-port - 5 Year Term License)  A.1.3.7 POE Switches (Access, Small) - C9300-DNA-E-24-5Y (C9300 DNA Essentials, 24-Port, 5 Year Term License)  Can you explain to us whether all switches need to be offered DNA licenses for 5 years or whether the duration of the licenses needs to be aligned with the duration of the offered manufacturer's warranty?</p>	<p>5 years DNA subscription needs to be offered with the switches</p>
<p>43</p>	<p>09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications</p>	<p>A.1.3.1 Core Switch  Can you explain differences between core switches 1) C9500-24Y4CA and 15) C9500-24Y4C-A? Are the switch configurations identical, is the difference only in TEMPEST?</p>	<p>There was an error in the specifications in the SRS which has been updated and will be released in an amendment to the IFB.</p>
<p>44</p>	<p>09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications  03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)</p>	<p>6.6.32 Patch cables (LC-LC) 5m  In the 03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel) the amount of patch cable is 1, is it necessary to offer an additional 24 pieces of patch cable per switch as stated in:  A.1.3.2 Access Switch Large (SFP)  A.1.3.3 Access Switch Small (SFP)</p>	<p>The specifications and quantities in the SRS have been updated and will be released in an amendment to the IFB.</p>

45	<p>09_IFB-CO-15049-BIT1_Book          II - Part IV SOW Annex A System Requirements Specifications          03_IFB-CO-15049-BIT1_Book          I - Annex A Bidding Sheets (MS Excel)</p>	<p>6.4.3 Access Switch (UTP) COTS          Can you confirm to us that for point 6.4.3 is Access Switch Small (UTP) as described in A.1.3.5 Access Switch Small (UTP)?</p>	<p>Yes, the description in the Bidding Sheet has been updated and will be released in an amendment to the IFB.</p>
46	<p>09_IFB-CO-15049-BIT1_Book          II - Part IV SOW Annex A System Requirements Specifications</p>	<p>A.1.3.4 Access Switch Large (UTP)          A.1.3.5 Access Switch Small (UTP)          Can you explain in more detail which switches need to be offered, in one part of the document it is POE model, and in the other non PoE?          For example:          A.1.3.4 Access Switch Large (UTP)          C9300-48P-E or C9300-48T-E?          A.1.3.5 Access Switch Small (UTP)          C9300-24P-E or C9300-24T-E?</p>	<p>Two types of copper-based switches are to be offered, the baseline model C9300-24T/C9300-48T (SoW A.1.3.4 and A.1.3.5) and the Power-over-Ethernet enabled models C9300-24P/C9300-48P (SoW A.1.3.6 and A.1.3.7).          The PoE models are foreseen for the Bosnia part of the project as unified solution for data and VoIP connectivity. The KFOR theatre has the Voice network upgraded already in the previous project, hence the baseline model for data only is to be offered.</p>
47	<p>09_IFB-CO-15049-BIT1_Book          II - Part IV SOW Annex A System Requirements Specifications</p>	<p>A.1.3.6 Access Switch Large (PoE)          A.1.3.7 POE Switches (Access, Small)          Can you explain in more detail which model should we offer 1G or 10G?          Example:          A.1.3.6 Access Switch Large (PoE)          (3) A minimum of two uplink ports capable of 10Gbps operation with different media types          12) C9300-NM-4G Catalyst 9300 4 x 1GE Network Module          A.1.3.7 POE Switches (Access, Small)          (3) A minimum of two uplink ports capable of 10Gbps operation with different media types          12) C9300-NM-4G Catalyst 9300 4 x 1GE Network Module</p>	<p>The C9300 product line should be equipped with the 10Gbps uplink module C9300-NM-8X-.          The referenced C9300-NM-4G modules have been changed to C9300-NM-8X.</p>

48	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>A.1.4.1 Analogue Voice Gateway (large) A.1.4.2 Analogue Voice Gateway (medium)</p> <p>Is it necessary with the devices to offer and appropriate RJ-21 cables for connecting telephone devices to the patch panel? Do you have existing patch panels for that purpose?</p>	Any requirement for additional cables and patch panels shall be determined during the site survey.
49	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications 03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)	<p>A.1.5 NU VOIP phone (EUFOR Users only)</p> <p>Can You tell us the exact quantity of IP telephone devices in the document 09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications the quantity is 400, and in the 03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel) the quantity is 381?</p>	The specifications and quantities in the SRS and Bidding Sheets have been updated and will be released in an amendment to the IFB.
50	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications 03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)	<p>A.1.5 NU VOIP phone (EUFOR Users only)</p> <p>Can we for 3) R-UCL-UCM-LIC-K9 Top Level SKU For UCL User License - eDelivery offer a newer version of licenses, instead of the proposed LIC-CUCM-11X-ENH-A (UC Manager-11.x Enhanced Single User License) and LIC-CUCM-11X-ENH (UC Manager Enhanced 11 .x License)?</p> <p>Proposed licenses are LIC-CUCM-12X-ENH-A (UC Manager-12.x Enhanced Single User License) and LIC-CUCM-11X-ENH (UC Manager Enhanced 11.x License).</p> <p>What exactly is the required number of licenses 381 or 400?</p> <p>Whether additional licenses for analog telephones are required?</p> <p>For R-UCL-UCM-LIC-K9 needs to offer a physical or virtual server?</p>	The specification requires LIC-CUCM-11X-ENH-A licences. The total number of licenses (127 + 254) = 381.

51	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications 03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets (MS Excel)	A.1.7.1 SFP Modules (Access 1Gb copper) A.1.7.2 SFP Modules (Access 100Mb short) Can you explain which item in document 03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets (MS Excel) refers to A.1.7.1 SFP Modules (Access 1Gb copper) and A.1.7.2 SFP Modules (Access 100Mb short) in document 09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications? In the document 09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications You specify: "All existing connections between campus switches should be upgraded from 1Gbps to 10Gbps, and the user access links should be uplifted from 100Mbps to 1Gbps", whether it is necessary to offer A.1.7.2 SFP Modules (Access 100Mb short)?	100Mb modules shall be used in exceptional circumstances. The items specified in the SRS and Bidding Sheets shall be provided by the Bidder.
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<p>52</p>	<p>09_IFB-CO-15049-BIT_Book II - Part IV SOW Annex A System Requirements Specifications 03_IFB-CO-15049-BIT_Book I - Annex A Bidding Sheets (MS Excel)</p>	<p>A.1.3.2 Access Switch Large (SFP) A.1.3.3 Access Switch Small (SFP) Comparing the requirements from documents 09_IFB-CO-15049-BIT_Book II - Part IV SOW Annex A System Requirements Specifications and 03_IFB-CO-15049-BIT_Book I - Annex A Bidding Sheets (MS Excel), it is not clear whether the additional SFPs are independent of the requirements from document 09_IFB-CO-15049-BIT_Book II - Part IV SOW Annex A System Requirements Specifications - A.1.3.2 Access Switch Large (SFP) and A.1.3.3 Access Switch Small (SFP)? Example: A.1.3.2 Access Switch Large (SFP) 1) C9300-48S-E Catalyst 9300 48 GE SFP Ports, modular uplink Switch – qty 1 13) GLC-SX-MMD 1000BaseSX multimode transceiver module – qty 24 - 24 SFP is required per switch A.1.3.3 Access Switch Small (SFP) 1) C9300-24S-E Catalyst 9300 24 GE SFP Ports, modular uplink Switch – qty 1 13) GLC-SX-MMD 1000BaseSX multimode transceiver module – qty 12 - 12 SFP is required per switch In document 03_IFB-CO-15049-BIT_Book I - Annex A Bidding Sheets (MS Excel) in 6.1.14 SFP Modules (Access 1Gb short) quantity is 595, which does not match the sum of the switches from your request.</p>	<p>The GLC-SX-MMD modules included in A.1.3.2 Access Switch Large (SFP) and A.1.3.2 Access Switch Small (SFP) should be treated separately from item A.1.7.3 even though they refer to the same product. The quantity of modules to be delivered under A.1.7.3 is 1178 and in addition to this, the switches A.1.3.2 Access Switch Large (SFP) and A.1.3.2 Access Switch Small (SFP) should be equipped with the same modules, 24 and 12 units per switch respectively</p>
<p>53</p>	<p>09_IFB-CO-15049-BIT_Book II - Part IV SOW Annex A System Requirements Specifications 03_IFB-CO-15049-BIT_Book I - Annex A Bidding Sheets (MS Excel)</p>	<p>A.1.59 1Gb SFP Fibre Network Interface Card Do the following names 1Gb SFP Network Interface Card Tempest C and 1Gb SFP Network Interface Card mean the following module AT-2914SP or something else?</p>	<p>Yes, the description in the Bidding Sheet has been updated and will be released in an amendment to the IFB.</p>
<p>54</p>	<p>03_IFB-CO-15049-BIT_Book I - Annex A Bidding Sheets (MS Excel)</p>	<p>6.1.33 NIPS License COTS Is NIPS License COTS for an existing firewall?</p>	<p>Four of the six "NIPS License COTS" items in CLIN 6.1.33 are for four existing firewalls. The remaining two "NIPS License COTS" items in CLIN 6.1.33 are for the two new firewalls in CLIN 12.4.11. All "NIPS License COTS" items in CLINs 6.6.45 and 12.1.23 are for new firewalls.</p>



55	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)	CLIN 3.7 and 4.3 have an empty value in the quantity field	The quantities in the Bidding Sheet have been updated and will be released in an amendment to the IFB.
56	Part IV, Statement of Work, Annex A, System Requirement Specification	<p>According to paragraph A.1.47 there is a demand for rugged notebook, including TEMPEST Level C/B.</p> <p>-&gt; Is the manufacturer Black Box correct? Because, to our researches Black Box does not provide such equipment. Could you please evaluate and specify whether black box is the desired manufacturer?</p> <p>-&gt; The rugged notebook is not included into the bidding sheets. Could you please evaluate, if the rugged notebook is needed and in what amount and add it to the bidding sheet, if necessary?</p> <p>-&gt; Could you please evaluate and specify how many devices are requested for each, TEMPEST C and TEMPEST B?</p>	The specified equipment item A.1.47 for a Rugged Notebook has been removed from the SRS and will be released in an amendment to the IFB.
57	“-“	<p>According to paragraph A.1.18 there is a demand for Tape Media.</p> <p>-&gt; In the specifications there is no requirement for TEMPEST according to Level C. However, in the bidding sheets it says “Tape Media TEMPEST C”. Could you please specify whether or not, the Tape Media shall be provided with TEMPEST C?</p>	There is no requirement for Tape Media to be Tempest C certified. The description in the Bidding Sheets have been changed and will be released in an amendment to the IFB.
58	“-“	<p>According to paragraph A.1.28 there is a demand for Rack UPS (Large, server rooms), divided into subparagraph A.1.28.1 and A.1.28.2.</p> <p>-&gt; In the bidding sheets there is only stated the request for paragraph A.1.28, Rack UPS.</p> <p>Could you please specify the amount of A.1.28.1 Rack UPS – 6kVA and A.1.28.2 Rack UPS – 8kVA?</p>	The Bidding Sheets have been changed to specify the requirement for A.1.28.1 for the Rack UPS (Large, server rooms) which will be released in an amendment to the IFB.
59	“-“	<p>According to paragraph A.1.38 there is a demand for a A4 printer.</p> <p>-&gt; According to the bidding sheet, A.1.38 is “Projectors (large, 5000 Lumens) Tempest C”. Could you please specify whether the request in the bidding sheet is for a A4 printer or for the projector?</p> <p>-&gt; Could you please specify, if a printer is needed overall and if so, in what amount and TEMPEST Level?</p>	There is an error in the Bidding Sheets for some CLINs. The SOW Reference for the equipment specified in the SRS is being corrected and will be released in an amendment to the IFB.

60	“-“	<p>According to paragraph A.1.41 there is a demand for an external media including TEMPEST C. -&gt; According to the bidding sheet, e.g. under CLIN 6.1.52, there is no need for TEMPEST C. Could you please evaluate and specify, if TEMPEST C is needed for a specific amount / all external media within the bidding sheet?</p>	<p>The Bidding Sheets description has been changed to specify the requirement for Tempest C which will be released in an amendment to the IFB.</p>
61	“-“	<p>According to paragraph A.1.42 there is a demand for a Media Converter Module TEMPEST C. -&gt; Despite for being in the requirement specification, the media converter module is not included into the bidding sheet. Could you please evaluate and specify, whether a media converter module according to TEMPEST C is required and if so, in what amount?</p>	<p>The Bidding Sheets description has been changed to specify the requirement for Tempest C which will be released in an amendment to the IFB.</p>
62	“-“	<p>According to paragraph A.1.48 there is a demand for a Laptop (MacBook) TEMPEST B/C. -&gt; According to the bidding sheet, under CLIN 6.6.62, there is no need for TEMPEST B/C. Could you please evaluate and specify, if TEMPEST B/C is needed? -&gt; It is not possible to provide a device according to TEMPEST B/C. Could you please evaluate and specify how many devices are requested for each, TEMPEST C and TEMPEST B?</p>	<p>The SRS has been changed removing the requirement for Tempest which will be released in an amendment to the IFB.</p>
63	“-“	<p>According to paragraph A.1.46 there is a demand for a Laptop (Windows) TEMPEST B/C. -&gt; According to the bidding sheet, under CLIN 6.6.63, there is no need for TEMPEST B/C. Could you please evaluate and specify, if TEMPEST B/C is needed? -&gt; It is not possible to provide a device according to TEMPEST B/C. Could you please evaluate and specify how many devices are requested for each, TEMPEST C and TEMPEST B?</p>	<p>The SRS has been changed removing the requirement for Tempest which will be released in an amendment to the IFB.</p>
64	“-“	<p>According to the bidding sheets CLIN 6.1.27 “GEO Datastore (10 TB, low performance) Tempest” is required. -&gt; Could you please specify which TEMPEST Level (Level B or C) is required?</p>	<p>The Bidding Sheets description has been changed to specify the requirement for Tempest C which will be released in an amendment to the IFB.</p>

65	“-“	According to the bidding sheets CLIN 6.6.6 “Router Small Tempest” is required. -> Could you please specify which TEMPEST Level (Level B or C) is required?	The Bidding Sheets description has been changed to specify the requirement for Tempest C which will be released in an amendment to the IFB.
66	IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)	According to the bidding sheets CLIN 12.1.25 + 12.4.13 “Rack Peripherals (KVM, KVM Switch) Suggestion: Tempest C” is requested. -> Could you please specify, if you need the devices according to TEMPEST C or if not? A suggestion would not be sufficient, either it is requested to have the device according to TEMPEST C, or not.	The description is changed to specify that the equipment will meet “Tempest C” requirements. The Bidding Sheets have been updated, an ammendment to the IFB will be provided.
67	Book II_Part IV SOW Annex A.1.7.1	This item is included in the SOW, but it cannot be found in the bidding sheets. Please give an explanation and add this item to the Bidding Sheets.	The specifications and quantities in the SRS have been updated and will be released in an amendment to the IFB.
68	Book II_Part IV SOW Annex A.1.7.4	This item is included in the SOW, but it cannot be found in the bidding sheets. Please give an explanation and add this item to the Bidding Sheets.	The specifications and quantities in the SRS have been updated and will be released in an amendment to the IFB.
69	Book II_Part IV SOW Section 3 [205] Page 27	How is the baseline for XML-Labeling guards defined?	The XLG baseline will be established in coordination with the Purchaser following Contract Award. The XLG requires a minimal bootstrap configuration baseline to allow remote access by the Purchaser via the following management protocols specified in section A.1.23 requirement #3: <ul style="list-style-type: none"> <li>• Keyboard, video and mouse (KVM) over Ethernet;</li> <li>• Command Line interface (CLI) via Secure Shell (SSH);</li> <li>• HTTPS web interface.</li> </ul> Via this remote access, the Purchaser will complete configuration of the XLG, including the security policy.

70	Book II_Part IV SOW Section 3 [219] Page 30	Does one mean with stateful HTTP protocol attributes HTTP cookies?	It is understood that HTTP is a stateless protocol, and cookies can store stateful information. However, this requirement does not involve cookies. HTTP is built upon TCP/IP; therefore, this requirement implies that the stateful protocol attributes of TCP shall not be used in the new connection.
71	Book II_Part IV SOW Annex A.1.23	The XML Labelling Manufacturer and product must be included in the NIAPC. Does the offered XLG solution need to have a NATO SECRET accreditation?	The XLG product does not require security accreditation. However, the XLG product must be included in the NATO Information Assurance Product Catalogue (NIAPC) ( <a href="http://www.ia.nato.int/niapc">http://www.ia.nato.int/niapc</a> ) as a Security Enforcing Product, as per System Requirement Specification section A.1.23. The interconnection via the IEG-C solution, of which the XLG is a component, will be subject to accreditation during the project. As per System Requirement Specification section 3.8 paragraph [237], the XLG is required to be evaluated against Common Criteria (CC) Evaluation Assurance Level (EAL) 4+ or national equivalent and be capable of being configured in accordance with Technical and Implementation Directive on CIS Security [NAC AC/322-D/0048-REV3, 2019].
72	Book II_Part IV SOW Section 2 Point 2.4	Will a technically compatible alternative solution instead of vSAN that still uses VMWare virtualization technology to host VMs and virtualized storage be accepted?	The Agency will not accept an alternate solution to vSAN for this project because of interdependencies with other IT infrastructure and services.
73	Book II_Part IV SOW Section 2 Point 2.4	vSAN storage services are available only for VMs running on the vSAN host. Will a more open storage architecture that supports a technology or model that allows external computing resources to be attached to the HCI storage nodes be also accepted?	External compute resources shall access the vSAN storage using iSCSI and SMB file shares. Other open storage access protocols are not required.
74	Book II_Part IV SOW Section 2 Point 2.4	Will a solution without CPU overhead, potentially reducing the total cost of ownership (TCO) be accepted? vSAN requires 10-30% CPU overhead for storage.	No, the vSAN CPU overhead is factored into the design and specifications.
75	Book II_Part IV SOW Section 2 Point 2.4	vSAN upgrade and extension offerings are inflexible and result in significant performance degradation in case of maintenance changes. Will a solution and add value to a solution that can be expanded and contracted flexibly to allow upgrades and resizing without limitations or performance impact be accepted?	No, the performance degradation during maintainance operations is factored into the vSAN solution.

76	Book II_Part IV SOW Section 2 Point 2.4	vSAN only provides a data reduction of 2 to 1 workload. Will a solution that offers data reduction of 4:1 or better and possibly lower the total cost of ownership (TCO) also be accepted?	A solution that provides a 4:1 workload data reduction is interesting, however the amount of data to be stored on the vSAN will not be large so the lower TCO is expected to be nominal.
77	Book II_Part IV SOW Section 2 Point 2.4	Will a solution that guarantees application performance across all its application workloads also be accepted and considered in its evaluation?	No, only the equipment specified in the SRS shall be evaluated.
78	Book II_Part IV SOW Section 2 Point 2.4	vSAN is a shared HCI core solution. Will n HCI solution with separate storage and compute nodes that allows independent scalability of resources be accepted?	The Agency will not accept an alternate solution to vSAN for this project because of interdependencies with other IT infrastructure and services.
79	Book II_Part IV SOW	In the description of the data center solution the file services are not mentioned. Please describe the file services management that these include CIFS, NFS and SMB protocols?	File services will be provided using a traditional file server. NFS is not a requirement.
80	Book II_Part IV SOW Section 2 Point 3.5.1	Will an alternative solution for long term storage and disaster recovery be accepted that removes disadvantages involved with Tape?	The Agency appreciates that there are a number of alternate solutions to tape for for long term storage but for the scope of this project the use of tape to store backups and archives for longer periods is sufficient.
81	Book II_Part IV SOW Section 2 Point 3.5.1	Will a more modern ILM and Retention policy be considered to address any concerns with replacing tape?	Implementation of a modern ILM solution is not the main purpose of this project. ILM and archiving of data for missions is being considered but until these requirements are expressed they will not be included within the scope of this project.
82	Book II_Part IV SOW Section 3 Point [96] Page 16	In order to avoid a limitation of the possibilities in the area of competition, the question arises whether the use of standard storage protocols (iSCSI) is also permitted in order to avoid a vendor lock-in.	The project will be using standard storage protocols including iSCSI
83	Book II_Part IV SOW Section 3 Point [96] Page 16	vSAN does not allow utilization of existing infrastructure assets such as storage and compute and also does not allow for future changes to different hypervisors, container based solutions other than what is offered by VMware. This is providing a vendor lock-in challenge. Will a solution be accepted that will not only provide VMware hypervisor use today, but also allow for flexibility with other hypervisors and container based solutions outside the VMware product line?	The Agency has standardised on VMware virtualisation solutions for most of its IT infrastructure projects and has no plans to change solutions or vendors at this time.

84	IFB-CO-15049-BITI	<p>1 IaaS DC Architecture Section 2, 2.4</p> <p>The IaaS Datacentre Architecture shall provide a high-resiliency virtualised platform using VMware virtualisation technology to host Virtual Machines (VMs) and virtualised storage.” a NCI Agency has mandated and name branded vSAN throughout the document for the data centre architecture. vSAN is not the only architecture that can accomplish IaaS DC architecture requirement.</p> <p>Question: will NATO NCI Agency accept a technically compliant alternative solution instead of vSAN that still uses VMWare virtualization technology to host VMs and Virtualized Storage ?</p>	<p>The Agency will not accept an alternate solution to vSAN for this project because of interdependencies with other IT infrastructure and services.</p>
85	IFB-CO-15049-BITI	<p>Question: vSAN requires 10-30% CPU overhead for storage. Will NCI Agency accept a solution that provides zero CPU overhead that will potentially lower total cost of ownership (TCO)? ?</p> <ul style="list-style-type: none"> <li>For example, Item 182, page 25 of system requirements document shows the following: (2) 205 vCPU (3) 610 vRAM. The vSAN technology will severely reduce the resource offerings of the requirements listed.</li> </ul>	<p>The vSAN CPU overhead is factored into the design and specifications.</p>
86	IFB-CO-15049-BITI	<p>Question: vSAN only offers a 2 to 1 workload data reduction. Will NCI Agency accept a solution that provides 4:1 workload data reduction or better that will potentially lower total cost of ownership (TCO)?</p>	<p>A solution that provides a 4:1 workload data reduction is interesting, however the amount of data to be stored on the vSAN will not be large so the lower TCO is expected to be nominal.</p>
87	IFB-CO-15049-BITI	<p>Question: vSAN is a shared core HCI solution. Will NCI Agency accept an HCI solution that has separate storage and compute nodes allowing independent scalability of resources?</p>	<p>The Agency will not accept an alternate solution to vSAN for this project because of interdependencies with other IT infrastructure and services.</p>
88	IFB-CO-15049-BITI	<p>Question: Will NCI Agency accept a solution and consider in their evaluation?</p>	<p>The question cannot be understood or answered, please resubmit!</p>
89	IFB-CO-15049-BITI	<p>Question: vSAN upgrade and expansion offerings are inflexible and severely degrade performance during maintenance changes. Will NCI Agency accept and add merit value to solution that expands and contracts flexibly to allow upgrades and resizing without limits or performance impact?</p>	<p>No, performance degradation during maintenance operations is factored into the vSAN solution.</p>
90	IFB-CO-15049-BITI	<p>Question: vSAN storage services are only available to VM running on the vSAN host. Will NCI Agency accept a more open storage architecture supporting technology and / or model that allows external compute resources to attach to the HCI storage nodes</p>	<p>No, the project will be using standard storage protocols including iSCSI and SMB to access the vSAN storage services</p>

91	IFB-CO-15049-BIT1	<p>2 FILE SERVICES:</p> <p>a There is no mention of files services throughout the data center solution description of services          Question: What is the plan to manage File Services to include CIFS, NFS and SMB protocols?</p>	<p>File services will be provided using a traditional file server. NFS is not a requirement.</p>
92	IFB-CO-15049-BIT1	<p>3 BACK-Up 3.5 IaaS Component, 3.5.1 Installation:</p> <p>a NCIAGENCY is requesting the following: "A backup and archiving solution shall be installed using the equipment provided in this contract to provide a two tier backup strategy that provides backup to disk for fast retrieval and backup to tape for long term storage and disaster recovery. To facilitate this two-tier strategy for each site, data will be replicated to the Datacentre sites from the ROBO sites where the data can be stored on tape for disaster recovery purposes and archiving."</p> <p>Question: Will NCIAgency permit an alternative solution for long term storage and disaster recovery that removes the costs and burdens involved with Tape?</p>	<p>The Agency appreciates that there are a number of alternate solutions to tape for for long term storage but for the scope of this project the use of tape to store backups and archives for longer periods is sufficient.</p>
93	IFB-CO-15049-BIT1	<p>Question: Will NCIAgency consider a more modern ILM and Retention policy to address any concerns with replacing tape?</p>	<p>Implementation of a modern ILM solution is not the main purpose of this project. ILM and archiving of data for missions is being considered but until these requirements are expressed they will not be included within the scope of this project.</p>
94	IFB-CO-15049-BIT1	<p>4 Sole Source clarification. Section 3.</p> <p>Technical Services Specification, Item 96          a NATO Writes: "Where named brands or models are specified, NATO requires these specific named products to ensure commonality for logistics, maintenance, and troubleshooting purposes. As these are implemented throughout the NATO networks, this enables the Purchaser to minimize the training, spares, maintenance and logistics costs associated with the networks and provide the best support to the end-user."          ** concern with the statement made in Section 3. Technical Services Specification, Item 96 as it appears to severely limit the opportunity for innovation and competition in this IFB. While Veeam, vSAN, and HPE may be located on some NATO networks, similar solutions from other vendors are equally found if not more prevalent on NATO networks throughout the alliance including but not limited to ANWI, NHQ, NSHQ, SHAPE, NAGSMA AGS, DCIS, etc.</p> <p>Question: vSAN locks customers into a VMware only solution. Will NCIAgency accept the use of standard storage protocols (iSCSI) to prevent vendor lock-in?</p>	<p>Your concern is noted. The project will be using standard storage protocols including iSCSI.</p>

95	IFB-CO-15049-BIT1	Question: vSAN does not allow utilization of existing infrastructure assets such as storage and compute. vSAN also does not allow for future changes to different hypervisors, container based solutions other than what is offered by VMware, thus providing NATO with a vendor lock-in challenge. Will NCI Agency accept a solution that will not only provide VMware hypervisor use today, but also allow for flexibility with other hypervisors and container based solutions outside the VMware product line?	The Agency has standardised on VMware virtualisation solutions for most of its IT infrastructure projects and has no plans to change solutions or vendors at this time.
96	Book II_Part IV SOW Annex A.1.32	The referenced printer MFP M880z does not support the following requested features: <ul style="list-style-type: none"> <li>• Item #8 "Fonts" Adobe PDF 1.7, CALS G4, GL/2 and RTL</li> <li>• Item #9 "Network" TCP/IP/SMP and LPD</li> </ul> Please remove, clarify or replace this requirement.	The specifications and quantities in the SRS have been updated and will be released in an amendment to the IFB.
97	Book II_Part IV SOW Annex A.1.33	The SoW minimum requirements listed for SoW A.1.33 are the same requirements (repeated) listed in SoW A.1.32. Please remove, clarify or replace these requirements.	The specifications and quantities in the SRS have been updated and will be released in an amendment to the IFB.
98	Book II_Part IV SOW Annex A.1.34	The referenced printer DesignJet T830 does not support the following requested features: <ul style="list-style-type: none"> <li>• Item # 2 "Printing Size" there is no reference to the required size. We assume that the standard A0 print size of 11" to 36" (279 to 914 mm) is requested. Please confirm</li> <li>• Item # 4 "Paper Capacity" two automatic roll feeds; smart roll-switching is requested but not supported by the T830. Please remove, clarify or replace this requirement.</li> <li>• Item # 5 "PDL" Adobe Post Script 3 and Adobe PDF 1.7 are not supported. Please remove, clarify or replace these requirements.</li> <li>• Item # 7 "Speed" The speed of the T830 is expressed in seconds per page and prints per hour (25 sec/page on A1/D, 82 A1/D prints per hour) not in meters or feet per hour. Please remove, clarify or replace this requirement.</li> <li>• Item # 9 "features" two automatic roll feeds; smart roll-switching is requested but not supported by the T830. Please remove, clarify or replace this requirement.</li> </ul>	There was an error in the specifications in the SRS which has been updated and will be released in an amendment to the IFB.
99	Book II_Part IV SOW Annex A.1.35	The SoW title reads "A0 Plotter + Media Converter" however the device requested (HP DesignJet T520) is an A1 plotter not A0. Please remove, clarify or replace this requirement.	There was an error in the specifications in the SRS which has been updated and will be released in an amendment to the IFB.
100	Book II_Part IV SOW Annex A.1.35	Item # 1 "Model" The requested model T520 is EOL, are we correct in assuming that the successor model HP DesignJet T525 may be offered? Please confirm.	The specifications and quantities in the SRS and Bidding Sheets have been updated and will be released in an amendment to the IFB.



101	Book II_Part IV SOW Annex A.1.35	Item # 4 "Paper Capacity" two automatic roll feeds; smart roll-switching is requested but not supported by the T520. Please remove, clarify or replace this requirement.	There was an error in the specifications in the SRS which has been updated and will be released in an amendment to the IFB.
102	Book II_Part IV SOW Annex A.1.35	Item # 6 "Fonts" PCL/PS not supported by T520 Please remove, clarify or replace this requirement.	The specifications and quantities in the SRS and Bidding Sheets have been updated and will be released in an amendment to the IFB.
103	Book II_Part IV SOW Annex A.1.38	The SoW minimum requirements listed for SoW A.1.38 are the same requirements (repeated) listed in SoW A.1.31. Please remove, clarify or replace these requirements.	The specifications and quantities in the SRS have been updated and will be released in an amendment to the IFB.
104	Book II_Part IV SOW Annex A.1.39	Item # 5 "Screen Size Diagonal" The required size for this item 40" to 600" (1.02 m to 15.24 m) is well outside the typical projection size of a "medium" projector and is also larger than that of the projector size required by the "Large" projector SoW. Please remove, clarify or replace these requirements.	Bidders shall offer equipment that meets the provided specifications in the IFB
105	Book II_Part IV SOW Annex A.1.40	Item # 5 "Screen Size Diagonal" The required size for this item Screen size 0.78m~7.81m (30.7"~307.5") is well outside the typical projection size of a "small" portable projector. Please remove, clarify or replace this requirement.	Bidders shall offer equipment that meets the provided specifications in the IFB. Also a projector that can project a screen size of 30" (76.2 cm) to 300" (762cm) is acceptable. The equipment specification is being corrected and will be released in an amendment to the IFB.
106	Book II_Part IV SOW Annex A.1.47	Item # 13 "Docking Station" SoW requires that the Laptop should be able to be used with the docking station described below but no docking station is mentioned. Please remove, clarify or replace this requirement.	The specifications and quantities in the SRS have been updated and will be released in an amendment to the IFB.
107	Book II_Part IV SOW Annex A	Are we right in assuming that every client-product should be delivered with an EU power plug?	Yes, EU Power plugs will be required for all delivered client equipment products.
108	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)	Router Small Tempest (SOW Ref.) A.1.1.2 Could you please specify the required TEMPEST Level?	Please refer to the Bidding Sheets for the tempest level.

109	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets (MS Excel) CLIIN 6.6.30	Virtual Host witness server NS Tempest (SOW Ref. A.1.12) Could you please specify the required TEMPEST Level?	Please refer to the Bidding Sheets for the tempest level.
110	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets (MS Excel) CLIIN 12.1.21	Firewalls (IEG-C & SPN +1 Year Support) (SOW Ref. A.1.20) What is your requirement for the equipment – COTS or TEMPEST (what level)?	The Bidding Sheets description has been changed to specify the requirement for Tempest C which will be released in an amendment to the IFB.
111	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets (MS Excel) CLIIN 6.6.46	Proxy device (SOW Ref. A.1.25) What is your requirement for the equipment – COTS or TEMPEST (what level)?	The Bidding Sheets description has been changed to specify the requirement for Tempest C which will be released in an amendment to the IFB.
112	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets (MS Excel) CLIIN 6.6.63	Laptop (Windows) (SOW Ref. A.1.46) What is your requirement for the equipment – COTS or TEMPEST (what level)?	COTS. The Bidding Sheets description has been changed to specify the requirement which will be released in an amendment to the IFB.

113	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel) CLIN 6.6.62	Laptop (MacBook) (SOW Ref. A.1.48) What is your requirement for the equipment – COTS or TEMPEST (what level)?	COTS. The Bidding Sheets description has been changed to specify the requirement which will be released in an amendment to the IFB.
114	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel) CLIN 6.1.30 CLIN 12.1.19	Tape Media Tempest C (SOW Ref. A.1.18) Tape media cannot be TEMPEST Certified. Please confirm that Tape Media (SOW Ref. A.1.18) shall be COTS product.	COTS. The specifications and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB.
115	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel) CLIN 6.1.53 CLIN 6.6.61 CLIN 12.2.12 CLIN 12.3.12	1Gb SFP Network Interface Card Tempest C (SOW Ref. A.1.59) 1Gb SFP Network Interface Card cannot be TEMPEST Certified. Please confirm that 1Gb SFP Network Interface Card (SOW Ref. A.1.59) shall be COTS product.	The Bidding Sheets description has been changed to specify the requirement for Tempest C which will be released in an amendment to the IFB.
116	02_IFB-CO-15049-BITI_Book I-Bidding Instructions.pdf	Please clarify the content / structure of the requested System Design Specification (SDS) (No page limit) document that is part of the Engineering proposal, page 35. Is a draft of this document requested or only the communication plan to reach the SDS as per requirement in Bidding Sheets 3.6.6.1.5.4.2.: "The Bidder shall provide confirmation of support on development of the SDS and a description of the collaboration plan."?	Yes. The Bidder shall provide confirmation of support on development of the SDS and a description of the collaboration plan.
117	08_IFB-CO-15049-BITI_Book II - Part IV Statement of Work.pdf	"5.4.2. The Contractor shall propose to the Purchasers a tailoring of the S3000L Specification, in order to define as a minimum, the following elements in accordance with the Maintenance and Support levels defined in ANNEX C and the maintenance concept defined in paragraph TBD:" Please specify which paragraph contains the details.	...in accordance with the Maintenance and Support levels defined in ANNEX C and the maintenance concept defined in paragraph 5.3

118	08_IFB-CO-15049-BITI_Book II - Part IV Statement of Work.pdf	<p>“5.10.15. In addition to the on-site training, the Contractor shall provide general training in Europe as listed in the table of required training courses below.”</p> <p>Please specify how many training sessions shall be considered. Also what is the audience of the training so that the technical level of the training can be assessed?</p>	<p>Training courses stated in Table 11 (General Training Courses) are courses offered by commercial providers throughout Europe. If organized specifically for the participants in scope of this contract one session per course is assumed.</p> <p>The technical level of the audience shall be assessed as part of the Training Needs Analyses (TNA). Please refer to Statement of Work 5.10.20</p>
119	08_IFB-CO-15049-BITI_Book II - Part IV Statement of Work.pdf	<p>For the migration phase, could you please elaborate the role of the Contractor and the Purchaser? Who will perform the migration of all services?</p>	<p>The contractor shall perform migration tasks as directed by the Purchaser, as described in the SOW paragraphs; 1.2.4, 1.2.5, 4.3.4.1, 6.1, Annex C and SRS.</p>
120	08_IFB-CO-15049-BITI_Book II - Part IV Statement of Work.pdf	<p>What will the Engineering support cover in case of a migration topic? Please detail the services to be migrated in case the Contractor will be delegated via a Task Order to perform it completely.</p>	<p>Engineering Support may also include migration activities. Engineering support activities shall be defined in the Task Order and is described in SOW paragraphs; 1.1.3, 1.2.4, 4.3.6.</p>
121	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications.pdf 3.8.2. Installation [206]	<p>Please detail the role of the Contractor in the following statement: “The NIPS components shall be installed as software modules on the firewalls. In cases where existing Palo Alto firewalls are to be provided as PFE, NIPS software modules are to be provided for use on the PFE firewalls.”</p> <p>The NIPS will be installed only on firewalls that are not PFE? Only the software licenses for NIPS should be “provided”, but not installed?</p>	<p>Each NIPS component is a Palo Alto Threat Prevention subscription, which is "installed" by activating the subscription on a firewall through the use of a valid activation code. For each NIPS component, the Contractor must provide the Purchaser with a valid licence including activation code. This is sufficient for both PFE and new firewalls. The Purchaser will activate and verify the validity of each licence provided by the Contractor.</p>
122	02_IFB-CO-15049-BITI_Book I-Bidding Instructions.pdf	<p>Please provide the document 2_IFB-CO-15049-BITI_Book I-Requirements Traceability Matrix.xls</p> <p>It was not received in the original bid package.</p> <p>3.6.6.1.5.5.2. “The RTM with no-page limit shall be provided in the form of the attached excel file duly filled up: 2_IFB-CO-15049-BITI_Book I-Requirements Traceability Matrix.xls”</p>	<p>This is a misinterpretation of the wording. The requirement should be understood to mean that bidders are to generate an RTM of the Bidders are to generate their own RTM meeting the requirements of 3.6.6.1.5.5.2 ;3.6.6.1.5.5.3; and 3.6.6.1.5.5.4. Which for ease of evaluation shall use the title "2_IFB-CO-15049-BITI_Book I-Requirements Traceability Matrix" in excel format. No Blank RTM will be provided by the Purchaser</p>

123	Book I - Bidding Instructions 3.6.6.1.5.5.2 RTM	The mentioned Excel file has not been attached to the IFB documents. Can the Purchaser please provide this file?	This is a misinterpretation of the wording. The requirement should be understood to mean that bidders are to generate an RTM of the Bidders are to generate their own RTM meeting the requirements of 3.6.6.1.5.5.2 ;3.6.6.1.5.5.3; and 3.6.6.1.5.5.4. Which for ease of evaluation shall use the title "2_IFB-CO-15049-BIT1_Book I- Requirements Traceability Matrix" in excel format. No Blank RTM will be provided by the Purchaser
124	Book I - Bidding Instructions	The Bidder have found various wrong chapter references in the Bidding Instructions document. A few of many examples are: 3.6.2 – reference made to 3.6.3 which is incorrect 3.6.2.1 – reference made to 3.6.5.1.4 which does not exist 3.6.2.2 – reference made to 3.6.5.1.5 which does not exist 3.6.2.3 – reference made to 3.6.5.1.6 which does not exist Can the Purchaser please go through the Bidding Instructions document and correct?	Noted. Corrected in Amendment 2.
125	Book I - Bidding Instructions 3.6.5	Can the Purchaser please allow also Arial font in size 10 to be used for normal text?	Yes
126	Book I - Bidding Instructions Section 3 3.3, 3.4, 3.5, 3.6 and Book II part IV SoW- Section 7, and 8 and 9	The Bid preparation instructions in Section 3 of the Bidding Instructions and also the content overviews presented in 3.3, 3.4, 3.5 and 3.6 do not include any references to SOW Section 7 (QA and QC), Section 8 (CM) nor Section 9 (SA). Can the Purchaser confirm that no documents or other content related to SOW Sections 7, 8 and 9 are expected and required to be submitted with the bid?	The Quality Assurance Plan (QAP) in Section 7 is part of the PMP as defined in SOW 4.1.4.4. and SOW 7.1.2. and will be part of the evaluation. Bidding Instructions will be updated to reflect this more clearly. The Configuration Management Plan defined in Section 8 will be subject to evaluation. The Bidding Instructions will be updated to reflect this requirement. Section 9 Security Accreditation (SA) will NOT be subject to the bid evaluation in this contract.
127	Book I - Bidding Instructions Annex B.13 List of Proposed Key Personnel and Book II Part IV SOW 4.1.2.1 and Book II Part IV SOW Annex C	The Key personnel mentioned in different parts of the bid documents is inconsistent and unclear: • Certificate B.13 lists Project Manager, Technical Lead, Technical Writer / Author ILS Manager and VMware Certified Professional (VCP) • Book II Part IV SOW 4.1.2.1. lists Project Manager, Technical Lead, ILS Manager and Field Service Representative • Book II Part IV SOW Annex C lists: Project Manager, Technical Lead, Technical Writer / Author and VMware Certified Professional (VCP) Can you please confirm the required Key Personnel roles for this bid?	ANNEX C of the SOW is correct, other entries have been amended to reflect the same

128	Book I Annex B and Book II Part IV SRS	Is there a requirement to deliver a signed Certificate of Authenticity from each major manufacturer for all the equipment identified in the SRS and provided as part of this proposal? If required, please identify which manufacturer.	Certificate of Authenticity not required
129	Book I Annex A Bidding Sheets CLIN summary CLIN 4.3	Missing QTY and unit of measure Can the Purchaser please update?	The specifications and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
130	Bidding Sheets CLIN summary CLIN 3.7	Missing QTY and unit of measure Can the Purchaser please update?	The specifications and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
131	Book II part II - Special contract provisions - 3.3	Special contract provision para 3.3 states that the Contractor shall provide permanent on-site support and maintenance for the first year as part of the base Contract. Is this a requirement? If yes, can the Purchaser please identify where in SSS the bidder is supposed to add the cost for this service (onsite support)?	No permanent on-site support required. The IFB documentation has been modified to reflect the information in Amendment 2
132	Book I Annex A Bidding Sheets CLIN summary CLIN 7 SOW 4.3.6	It is unclear for the Bidder how to complete the pricing of Engineering Support in CLIN 7.1 and CLIN 7.2 and the bidding sheets. The SSS identifies the quantity 1. The SOW para 4.3.6 describes high level requirements and refer to task orders without any further details of the tasks or effort needed other than that the task order will be of a minimum of 5 days. In addition, it requests to provide hourly rates and travel expense for the key contractor personnel listed in Annex C. . Purchaser is requested to clarify?.	Please provide the price components as per instruction in the relevant sheets: - Labour sheet: provide all relevant labour categories and underlying labour rates under CLIN 7 (make sure all categories and rates are listed). - Travel sheet: provide travel expenses under CLIN 7. - ODC sheet: provide any other direct costs linked to Engineering Support under CLIN 7.

133	Book I Annex A Bidding Sheets CLIN summary CLIN 7	Can the Purchaser consider to change CLIN 7 from the Base contract to an unevaluated option as it is hard to estimate the total labour required for an unknown task order in this contract?	Please provide information regarding Engineering Support as instructed under relevant sheet and with link to CLIN 7. Make sure labour categories and labour rates are all listed.
134	Book I Annex A Bidding Sheets CLIN summary and Book II part IV SoW- 1.2.11	Purchaser is requested to identify which CLINs the labor for the installation, implementation, configuration effort needs to be assigned per site.	Labour specific to each CLIN can be specified in the labour sheet of the bidding sheet. This detailed labour table is to be completed by Bidder with all columns populated and shall be expanded to include as many rows as necessary to provide the detail requested at appropriate CLIN level.
135	Book I Annex A Bidding Sheets CLIN summary and Book II part IV SoW- 1.2.11	Purchaser is requested to identify which CLINs the labor for the testing effort needs to be assigned per site.	Labour specific to each CLIN can be specified in the labour sheet of the bidding sheet. This detailed labour table is to be completed by Bidder with all columns populated and shall be expanded to include as many rows as necessary to provide the detail requested at appropriate CLIN level.
136	Book I Annex A Bidding Sheets CLIN summary CLIN 2.1	Purchaser requested to confirm if cost for site surveys of all other locations in Kosovo besides Pristina are to be added and detailed under this CLIN 2.1.	Please consider that all sites in Kosovo are embedded under CLIN 2.1. The CLIN will not be further broken down. However if needed, you can expand the rows as needed in the labour, material, travel and ODC sheets under CLIN2.1 to provide the detail requested at appropriate CLIN level.
137	Book II Part IV SOW Section 5.3.2 & 5.3.4	It states in SOW 5.3.2. that the Purchaser is to perform HL1/2 and SL1/2 and up to Level 3 from PSA until the end of the Warranty Period. In 5.3.4 it states the Contractor is responsible from PSA for all HL3/4 and SL3/4. Can the Purchaser clarify who is responsible to deliver Level 3 support?	The requirement for the Contractor to perform Support and Maintenance activities following PSA has been removed. SOW 5.3.2. will be changed to reflect that all Support and Maintenance Levels will be performed by the Purchaser. SOW 5.3.4. will be deleted

138	Book II Part IV SOW Section 5.3.5	It states the Contractor will be required to deliver all on-site maintenance beyond the capability of NATO personnel to restore the system from a critical failure with an MTTRS of 45 minutes. Can the Purchaser clarify that an on-site presence is required for each location to correct critical failures?  Please identify which CLIN in the SSS this effort is supposed to be included?	The requirement for the Contractor to perform on-site Support and Maintenance activities following PSA has been removed. Therefore requirement 5.3.5 has been deleted and will be reflected in Amd 1 of this SOW.
139	Book II Part IV SOW Section 5.3.5	Will the Purchaser support security cleared permanent onsite access for the Contractor to all areas where the BITI equipment is installed, including the availability of escorts were necessary, especially the installation site in Belgrade? This will be required to enable the Contractor to meet the MTTRS of 45 minutes.	The requirement for the Contractor to perform on-site Support and Maintenance activities following PSA has been removed. Therefore requirement 5.3.5 has been deleted and will be reflected in Amd 1 of this SOW.
140	Book II Part IV SOW Section 5.3.8	Can the Purchaser confirm the requirement to supply onsite technical assistance at all levels from the PSA to FSA + 1 year at each location?	No, the requirement for the Contractor to perform Support and Maintenance activities following PSA has been removed. The text in SOW 5.3.8. will be changed accordingly. The wording "on-site technical assistance" has been replaced by "remote technical assistance".
141	Book II Part IV SOW Section 5.10.21 and 5.10.22	These points request Target Audience Analysis (TAA) and Performance Gap Analysis (PGA) to be conducted as part of the TNA. Can the Purchaser confirm that the target audience will be available to attend interviews conducted by the Contractor to enable TAA and PGA to be performed effectively?	Interviews with all individuals to be trained cannot be guaranteed. Interviews of selected personnel is assumed to be possible.
142	Book II Part IV SOW Section 5.10.20	Can the Customer confirm if the SOW sections* detailed below are sub- sections of 5.10.20 or standalone SOW requirements: *SOW Sections 5.10.21 to 5.10.24.	Confirmed. 5.10.21 to 5.10.24 are sub-sections of 5.10.20 Formatting will be updated.



143	Book II Part IV SOW Section 5.10.30	Can the Customer confirm if the SOW sections* detailed below are sub- sections of 5.10.30 or standalone SOW requirements: *SOW Sections 5.10.31 to 5.10.35.	Confirmed. 5.10.31 to 5.10.34 are sub-sections of 5.10.30 5.10.35 is a standalone requirement Formatting will be updated.
144	Book II Part IV SOW 5.10.15 Table 11	The numbers of personnel to attend each course are detailed in 5.10.15 Table 11. Can the Purchaser clarify of total number personnel required to be trained in accordance with Table 11? As some personnel will attend more than one (1) course.	For the training courses stated in Table 11, the Contractor shall calculate for the participants/training slots as provided. Appointed personnel cannot be provided at this stage.
145	Book II Part IV SOW Section 5.10.35	If the Contractor opts to utilise an eLearning Package within the Training proposal, will the Purchaser provide an eLearning Training Management Platform to be hosted on the NATO intranet?	A Training Management Platform will not be provided by the Purchaser.
146	Book II Part IV SOW Section 5.10.35	If the Contractor opts to utilise an eLearning Package within the Training proposal, if the Purchaser is unable to provide an eLearning Training Management Platform will the proposed candidates be able to access the training via the internet?	The training method and training equipment to be used shall be part of the training planning including prerequisites. The availability of NATO Unclassified Internet is depending on the training location.
147	Book II Part IV SOW 5.17	Can the Purchaser confirm that all removable storage devices and devices which cannot be cleansed of sensitive information will be retained and disposed by NATO?	We confirm storage devices will be retained and disposed of by NATO.

148	Book II part IV SoW - Annex B	Requirement B1.3 seems not finalised. Can the Purchaser please confirm- which are the new on-site PFE and PFS to be implemented and provided?	Quantities of PFE equipment and services will be identified during site surveys!
149	Book II part IV SRS Annex A - A.1.47	According to Book I Annex A Bidding Sheets - CLIN Summary, the system specified as Rugged Notebook does not belong to any CLIN. Could the purchaser please confirm if these systems should be part of the proposal and if so under which CLIN?	The specifications and quantities in the SRS and bidding sheets have been updated and will be released in an amendment to the IFB.
150	Book II part IV SRS Annex A - A.1.47	Could the purchaser confirm if the Item# 1 (Brand) and Item# 2 (Bracket) specified as part of the Minimum Requirements of the Rugged Notebook are wrong and can be removed?	The specifications and quantities in the SRS and bidding sheets have been updated and will be released in an amendment to the IFB.
151	Book II part IV SRS Annex A - A.1.28	According to Book I Annex A Bidding Sheets - CLIN Summary, Rack UPS (Large, server rooms) system should be offered as part of the following CLIN (6.1.39, 6.1.40, 6.4.12, 6.5.10, 6.6.50, 6.6.51, 6.7.14, 12.1.26 and 12.4.14). However, there are two different specifications for this system (A.1.28.1 and A.1.28.2). Could the purchaser please confirm which type of UPS should be provided (6kVA or 8KVA)	Quantities of PFE equipment and services will be identified during site surveys!
152	Book II part IV SRS Annex A - A.1.7.1	According to Book I Annex A Bidding Sheets - CLIN Summary, the item - SFP Modules (Access 1Gb copper) does not belong to any CLIN. Could the purchaser please confirm if this item should be part of the proposal and under which CLIN?	The SRS has been updated, an amendment to the IFB shall be released
153	Book II part IV SRS Annex A - A.1.7.4	According to Book I Annex A Bidding Sheets - CLIN Summary, the item - SFP Modules (Interconnect 1Gb, , long) does not belong to any CLIN. Could the purchaser please confirm if this item should be part of the proposal and under which CLIN?	The SRS has been updated, an amendment to the IFB shall be released
154	Book II part IV SRS Annex A - A.1.31	According to Book I Annex A Bidding Sheets - CLIN Summary, the system - A4 Printer does not belong to any CLIN. Could the purchaser please confirm if this item should be part of the proposal and under which CLIN?	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..

155	Book II part IV SRS Annex A - A.1.42	According to Book I Annex A Bidding Sheets - CLIN Summary, the item - Media Converter Module does not belong to any CLIN. Could the purchaser please confirm if this item should be part of the proposal and under which CLIN?	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
156	Book II part IV SRS Annex A - A.1.43	According to Book I Annex A Bidding Sheets - CLIN Summary, the item - Media Converter SFP 155-Mbps LC does not belong to any CLIN. Could the purchaser please confirm if this item should be part of the proposal and under which CLIN?	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
157	Book II part IV SRS Annex A - A.1.44	According to Book I Annex A Bidding Sheets - CLIN Summary, the item - Media Converter SFP 1250-Mbps LC does not belong to any CLIN. Could the purchaser please confirm if this item should be part of the proposal and under which CLIN?	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
158	Book II part IV SRS Annex A - A.1.45	According to Book I Annex A Bidding Sheets - CLIN Summary, the item - Media Converter Wallmount Bracket does not belong to any CLIN. Could the purchaser please confirm if this item should be part of the proposal and under which CLIN?	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
159	Book II part IV SRS Annex A - A.1.1.1	Can the purchaser please confirm if the following part number ISR4451-X/K9 is correct, instead of ISR4451-X-K9 ?	Per Cisco-published ordering guide the product SKU for Cisco ISR 4451-X should read ISR4451-X/K9 (reference <a href="https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/guide_c07-728759.html">https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/guide_c07-728759.html</a> ) . Different sources might indicate the same component as ISR44510X-K9.Both versions are correct.

160	Book II part IV SRS Annex A - A.1.1.3	Can the purchaser please confirm if the following part number PVDM4-256= is correct, instead of PVDM-4-256 ?	The requirement should be understood as the routers foreseen for the voice&video function as specified in the project documentation should be equipped with the 256-channels DSP module. The product SKU indicated in Cisco Commerce tools is PVDM4-256= . Different sources might indicate the same component as PVDM-4-256, the reference information for the required component can be found in Table 1 on the following official source <a href="https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728307.html">https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728307.html</a>
161	Book II part IV SRS Annex A - A.1.1.4	Can the purchaser please confirm if the following part number PVDM4-128= is correct, instead of PVDM-4-128 ?	The requirement should be understood as the routers foreseen for the voice&video function as specified in the project documentation should be equipped with the 128-channels DSP module. The product SKU indicated in Cisco Commerce tools is PVDM4-128= . Different sources might indicate the same component as PVDM-4-128, the reference information for the required component can be found in Table 1 on the following official source <a href="https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728307.html">https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728307.html</a>
162	Book II part IV SRS Annex A - A.1.1.5 and A.1.1.6	Can the purchaser please confirm if the following part number NIM-2MFT- T1/E1= is correct , instead of NIM-2MFT-T1/E1 ?	The requirement should be understood as the routers foreseen for the voice&video function as specified in the project documentation should be equipped with the 2 port Multiflex Trunk Voice/Clear-channel Data T1/E1 Module. The product SKU indicated in Cisco Commerce tools is NIM-2MFT-T1/E1=. Different sources might indicate the same component as NIM-2MFT-T1/E1, the reference information for the required component can be found in Table 9 on the following official source <a href="https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728308.html">https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728308.html</a>

163	Book II part IV SRS Annex A - A.1.1.7	Can the purchaser please confirm if the following part numbers SL-44-SEC- K9= and FL-44-HSEC-K9= are correct, instead of SL-44-SEC-K9 and FL-44- HSEC-K9 ?	The requirement should be understood as the routers foreseen for the unclassified network deployment should be capable of performing high-speed IPSEC operations which is enabled by activation of Security License for Cisco ISR 4400 Series and U.S. Export Restriction Compliance license for 4400 series as indicated in the SRS bullet A.1.1.7 . The product SKUs indicated in Cisco Commerce tools are SL-44-SEC- K9= and FL-44-HSEC-K9= but different sources might indicate the same component as SL-44-SEC- K9 and FL-44-HSEC-K9. Both versions are correct.
164	Book II part IV SRS Annex A - A.1.1.8	Can the purchaser please confirm if the following part number SL-44-UC-K9= is correct, instead of SL-44-UC-K9 ?	The requirement should be understood as the routers foreseen for the voice&video function as specified in the project documentation should be capable of performing Unified Communications operations which is enabled by activation of Unified Communication License for Cisco ISR 4400 Series as indicated in the SRS bullet A.1.1.8 . The product SKUs indicated in Cisco Commerce tools are SL-44-UC- K9= but different sources might indicate the same component as SL-44-UC- K9. Both versions are correct.
165	Book II part IV SRS Annex A - A.1.3.1	Can the purchaser please confirm if the Item# 15-19 can be removed from the table [18] ? It seems that these items are already included under Item# 1 - 5.	The specifications and quantities in the SRS and bidding sheets have been updated and will be released in an amendment to the IFB.
166	Book II part IV SRS Annex A - A.1.3.2	Can the purchaser please confirm if the following part number GLC-SX- MMD= is correct, instead of GLC-SX-MMD ?	The requirement should be understood as the Cisco-supported SFP module capable of 1Gbps operation with the multimode fiber patchcord with LC termination. The compatible product indicated in Cisco Commerce tools is GLC-SX-MMD= but different sources might indicate the same component as GLC-SX-MMD. Both versions are correct.

167	Book II part IV SRS Annex A - A.1.3.3	Can the purchaser please confirm if the following part number GLC-SX- MMD= is correct, instead of GLC-SX-MMD ?	The requirement should be understood as the Cisco-supported SFP module capable of 1Gbps operation with the multimode fiber patchcord with LC termination. The compatible product indicated in Cisco Commerce tools is GLC-SX-MMD= but different sources might indicate the same component as GLC-SX-MMD. Both versions are correct.
168	Book II part IV SRS Annex A - A.1.3.6	The required part number S9300UK9-169 is EoL. Could the purchaser please confirm that S9300UK9-1612 (the latest Cisco Catalyst 9300 XE version 16.12) can be offered instead?	The latest version is acceptable.
169	Book II part IV SRS Annex A - A.1.3.7	The required part number S9300UK9-169 is EoL. Could the purchaser please confirm that S9300UK9-1612 (the latest Cisco Catalyst 9300 XE version 16.12) can be offered instead?	The latest version is acceptable.
170	Book II part IV SRS Annex A - A.1.4.1	Could the purchaser please confirm if the following number SVG450UK9- 1612 (the latest version of Cisco VG450 Series IOS XE) can be offered instead of SVG450UK9-1610 (older version)?	The latest version is acceptable.
171	Book II part IV SRS Annex A - A.1.4.2	The required IOS version(156-3.M) required under Item# 3, is lower than the actual one (159-3.M). Could you please confirm that part number SVG3XUK9-15903M (latest version) can be offered instead of SVG3XUK9- 15603M?	The latest version is acceptable.
172	Book II part IV SRS Annex A - A.1.5	The quantity specified in the table [34] for Cisco IP Phone 8841 is 400. However, the total quantity for NU VOIP phone specified in CLIN Summary is 381 (127 under CLIN 6.6.26 and 254 under CLIN 12.1.13). Please clarify what is the correct quantity required for Cisco IP Phone 8841 and UCL Licences.	The quantity of items required is 381. The information in table [34] has been updated and should be understood as per-unit configuration.
173	Book II part IV SRS Annex A - A.1.7.3	According to Annex A Bidding Sheets - CLIN Summary, the total quantity of SFP Modules (Access 1Gb short) is 1,178. However, the same type of SFP modules are already specified in the following systems A.1.3.2 Access Switch Large (SFP) and A.1.3.2 Access Switch Small (SFP) with a total quantity of 1.284. Could the purchaser please confirm what is the total quantity of the required SFP modules (GLC-SX-MMD) ?	The bidder shall provide SFPs when specified as a subcomponent of a major equipment assembly as well as when they are separately specified as a separate component in the SRS and with the quantities specified in the SRS and Bidding Sheets.
174	Book II part IV SRS Annex A - A.1.4.1	Can the purchaser please confirm if the Gigaset DA-710 included part of the VG configuration (as item# 18) is in addition to the Analogue phones specified under CLIN 6.6.27 and CLIN 12.1.14.	The Gigaset DA-710 phones included in the VG configuration should be treated separately from CLIN 6.6.27 and CLIN 12.1.4
175	Book II part IV SRS Annex A - A.1.4.2	Can the purchaser please confirm if the Gigaset DA-710 included part of the VG configuration (as item# 10) is in addition to the Analogue phones specified under CLIN 6.6.27 and CLIN 12.1.14.	The Gigaset DA-710 phones included in the VG configuration should be treated separately from CLIN 6.6.27 and CLIN 12.1.4
176	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets	In the Bidding Sheet the description for CLIN 6.2.4 contradicts with the SOW reference A.1.3.4 (either description should reference Access Switch Large (UTP) COTS, or SOW reference should be A.1.3.5). Please clarify.	Reference for CLIN 6.2.4 corrected in the bidding sheet

177	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	In the Bidding Sheet the description for CLIN 6.2.5 contradicts with the SOW reference A.1.3.5 (either description should reference Access Switch Small (UTP) COTS, or SOW reference should be A.1.3.3). Please clarify.	The reference for CLIN 6.2.5 is corrected in the bidding sheet
178	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	In the Bidding Sheet the description for CLIN 6.4.3 is incorrect (the description should reference Access Switch Small (UTP) COTS). Please clarify.	CLIN 6.4.3 should read Access Switch Small (UTP) COTS and reference SOW A.1.3.5 is correct
179	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	In the Bidding Sheet the description for CLIN 6.1.44 contradicts with the SOW reference A.1.33 (either description should reference A3 Printer, or SOW reference should be A.1.31 or A.1.38). Please clarify.	The specifications and quantities in the SRS and bidding sheets have been updated and will be released in an amendment to the IFB.
180	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	In the Bidding Sheet the description for CLIN 6.6.55 contradicts with the SOW reference A.1.33 (either description should reference A3 Printer, or SOW reference should be A.1.31 or A.1.38). Please clarify.	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
181	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	In the Bidding Sheet the description for CLIN 6.1.45 contradicts with the SOW reference A.1.34 (either description should reference A0 Plotter, or SOW reference should be A.1.32 or A.1.33). Please clarify.	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
182	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	In the Bidding Sheet the description for CLIN 6.1.47 contradicts with the SOW reference A.1.34 (either description should reference A0 Plotter, or SOW reference should be A.1.32 or A.1.33). Please clarify.	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
183	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	In the Bidding Sheet the description for CLIN 6.6.56 contradicts with the SOW reference A.1.34 (either description should reference A0 Plotter, or SOW reference should be A.1.32 or A.1.33). Please clarify.	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..

184	Book II part IV SRS Annex A - A.1.31 and A.1.38	Description and specification of the systems specified under SRS A.1.31 and A.1.38 are identical. Please clarify the duplication or remove one of the A4 Printer specifications.	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
185	Book II part IV SRS Annex A - A.1.32 and A.1.33	Description and specification of the systems specified under SRS A.1.32 and A.1.33 are identical. Please clarify the duplication or remove one of the A3 Printer specifications.	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
186	Book II part IV SRS Annex A - A.1.35	The Description for the system specified under SRS A.1.35 is A0 Plotter + Media Converter. However, the technical specification requirements are for A1 Plotter (item#1 from the specification table). Please clarify and update the Description or Technical Specification.	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
187	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	CLIN 6.1.48 - In the Bidding Sheet the SOW reference seems to be incorrect for the A0 Plotter (should refer to A.1.34)	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
188	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	CLIN 6.1.49 - In the Bidding Sheet the SOW reference seems to be incorrect for the A1 Plotter (should refer to A.1.35)	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
189	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	CLIN 6.1.50 - In the Bidding Sheet the SOW reference seems to be incorrect for the Digital Sender (should refer to A.1.36)	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
190	03_IFB-CO-15049-BIT1_Book I - Annex A Bidding Sheets	CLIN 6.1.57 - In the Bidding Sheet the SOW reference seems to be incorrect for the Digital Sender (should refer to A.1.36)	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..



191	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets	CLIN 6.6.58 - In the Bidding Sheet the SOW reference seems to be incorrect for the Projector Large (should refer to A.1.37)	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
192	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets	In the Bidding Sheet the SOW reference seems to be incorrect for the Projector Large (should refer to A.1.37)	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
193	Book II part IV SRS Annex A - A.1.37	Please clarify the quantity and length of HDMI cables to be provided with Projector Large (item#8).	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
194	Book II part IV SRS Annex A - A.1.37	Please clarify if there is a requirement for network connectivity.	The equipment specifications are described in the SRS
195	Book II part IV SRS Annex A - A.1.39	Please clarify the quantity and length of signal cable(s) to be provided with Projector Medium	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
196	Book II part IV SRS Annex A - A.1.39	Please clarify if there is a requirement for network connectivity.	The equipment specifications are described in the SRS
197	Book II part IV SRS Annex A - A.1.340	Please clarify the quantity and length of signal cable(s) to be provided with Projector Small.	The description and quantities in the Bidding Sheets and SRS have been updated and will be released in an amendment to the IFB..
198	Book II - Part IV SOW Annex A SRS 3.4.2, 3.4.2.2 [147]	Can the purchaser please confirm if all Printers/Plotters/Scanners shall be configured to provide secure access via a card reader? Please clarify which type of devices and how many of them should be considered as "Secure Printer".	All Printers/Plotters/Scanners shall be configured to provide secure access via a card reader. The specifications for these types of equipment in the SRS has been updated.

199	Book II - Part IV SOW Annex A SRS 3.4.2, 3.4.2.2 [147]	Can the purchaser please confirm if the proposal should also include the Hardware items (Smart Card Readers) and Safecom Client Licences for all secure printers or these items should be considered as PFE since they are not specified as part of any system in - Book II part IV SRS Annex A ?	Yes the proposal shall include the hardware items. The specifications for these types of equipment in the SRS has been updated.
200	Book II part II - Special contract provisions - 3.3	Purchaser requested for which site it requires permanent onsite support and maintenance.	No permanent on-site support required. The IFB documentation has been modified to reflect the information in Amendment 2
201	Book II part II - Special contract provisions - 3.4	Purchaser requested to detail the requirements for this support?	No permanent on-site support required. The IFB documentation has been modified to reflect the information in Amendment 2
202	Book II part II - Special contract provisions - 3.4	Purchaser requested to detail the locations the support is required?	No permanent on-site support required. The IFB documentation has been modified to reflect the information in Amendment 2
203	Book II part II - Special contract provisions - 4.2	The Purchaser is requested to make an exclusion of this clause for the HW it has specified by brand and type in the SRS as equipment is identified by the Purchaser	No, the name brand does not affect the deliverable of the overall package.
204	Book II part II - Special contract provisions - annex A and Book II part IV - Annex C	The contract provisions seem to indicate that the ILSM and technical writer are a combined role, while Annex C of SoW seems to indicate separate individuals. Purchaser to confirm which statement prevails.	Multiple individuals can meet 1 key personnel requirement as well as a profile can meet multiple key personnel requirements as long as delivery of the project is not impacted.
205	Book II part IV SoW- 1.1.3	Requirement 1.1.3 show that Engineering Support is part of Optional LoE while the Bidding Sheets show this Engineering Support to be part of the Base Contract. Can the Purchaser please clarify this?	Engineering support is optional on the quantity of TO's that will be requested during the contract. Man hour/day and other costs associated with the work to be performed will still be evaluated.
206	Book II part IV SoW- Table 1	Purchaser requested to confirm whether Camp Novo Selo is located in Kosovo and not in North Macedonia as indicated.	Correct. Corrected in Amendment 2 SOW
207	Book II part IV SoW- section 2	Purchaser is requested if it will make all reference documents available to the bidder at contract award. Please confirm	The Purchaser shall make all applicable reference documents available to the bidder at contract award.

208	Book II part IV SoW- 3.2	<p>The milestone of having achieved the procurement, tempesting and delivery completed by week 10 EDC for Film City seems impossible to the bidder.</p> <p>Procurement of HW cannot start until detailed design and PMP are approved by the purchaser. Even if the bidder would take a risk and procure after SS in week 4, it is still impossible to procure, ship, Tempest and deliver within 6 weeks. Furthermore it is unclear why the HW should be delivered so far ahead of PSA.</p> <p>Purchaser requested to update the delivery date requirements in SoW and Bidding Sheets.</p>	<p>The purchaser shall place orders for equipment at, or shortly after contract award for most of the equipment.</p>
209	Book II part IV SoW- 3.2 and Bidding Sheets CLIN 2	<p>Purchaser requested to confirm if it considers the SS for all sites in Kosovo to be completed by week 4 EDC since the locations other than Pristina (Film City) are not listed in the Bidding Sheets?</p>	<p>Yes, refer to milestone 1 and 1.1</p>
210	Book II part IV SRS Annex A - A1.56&57&58	<p>Purchaser to confirm it will use its support agreement for the configuration of Polycom equipment or if Bidder needs to include costs for this Polycom service in its proposal.</p>	<p>The contractor shall perform equipment installation and configuration activities at the site so that remote administrators and Polycom support engineers can remotely access, manage and accept the systems.</p>
211	Book I Annex A Bidding Sheets CLIN summary and Book II part IV SoW- 4.3.4	<p>Purchaser is requested to identify which CLINs the labor for the Migration effort needs to be assigned per site.</p>	<p>Achieve PSA per applicable site</p>
212	Book II part IV SoW- 3.2.11.1.1	<p>Purchaser is requested to identify which CLINs the labor for the Migration effort needs to be assigned per site.</p>	<p>Achieve PSA per applicable site</p>
213	Book II Part IV SOW Annex A SRS 3.1.1 - Rack Power Distribution [103]	<p>Should the PDU be managed?</p>	<p>The specification does not require the PDU to be managed.</p>

214	Book II Part IV SOW Annex A SRS 3.1.1 - Rack Power Distribution [101]	Additional cabling will need to be procured - is there an expectation to migrate all existing HW to IEC C14?	Existing rack mounted equipment has C14 power cables.
215	Book II Part IV SOW Annex A SRS 3.2 [112] and [113]	Is the scope of cabling limited to inter-rack cabling or is it expected to append PFE inter-room Vertical cabling and/or End User Horizontal Cabling ?	The requirements for cabling are described in SRS 3.2
216	Book II Part IV SOW Annex A SRS 3.3.4 - 3.5.3 - 3.6.3 - 3.7.3 - 3.8.4 [136] [185] [190] [202] [239]	Is dedicated engineering support at SHAPE required or is this just to be considered local site support	The question is not understood, please re-phrase the question.
217	Book II Part IV SOW Annex B	What quantities of PFE are to be installed?	Quantities of PFE equipment and services will be identified during site surveys!

218	Book II - Part IV SOW Annex A SRS 3.4.2 3.4.2.1 [143]	Is the mentioned software image expected to be installed only on the laptops that are to be delivered within this contract?	The software image shall be installed on the workstations and laptops provided by this project.
219	Book II - Part IV SOW Annex A SRS A.1.49	Is the bidder expected to install the Symantec Mail protection licenses on end-user devices?	Symantec Mail protection will be incorporated into the client software image and installed on the workstations and laptops provided by this project.
220	SOW Annex C.2.4	Does NCIA require the VMWare Certified Professional (VCP) role to be available for consultation and the performing of Engineering services throughout the total contract period?	Yes the continuity of the VCP role is described in paragraph C.1.1.
221	Book II_Part IV SOW Annex A.1.28 and A.1.29	For these products, a manufacturer is specified. Are we right in assuming that another manufacturer can be offered here as well, who exceeds the requirements of the products, has a higher efficiency, thus reducing running costs and is also competitive in price? With regard to a competition-friendly tendering procedure, we ask for your agreement.	No. The IFB documentation has been modified to reflect the information in Amendment 2. Some of the named brands have been removed. The remaining will need to be offered as requested.
222	Part IV, Statement of Work, Annex A, System Requirement Specification	According to paragraph A.1.18 there is a demand for Rack UPS (Large, server rooms), 6kVA and 8kVA. It is specified that it shall be from a specific manufacturer. Are we right in assuming that another manufacturer who would exceed the requirements of the products, will have higher efficiency thus reducing the operating costs and would be fairly competitive in price as well, can be offered, too? Regarding the price / earnings ratio, it would be beneficially for a competition friendly tendering procedure and therefore we ask for your agreement.	The SRS has been amended in Amendment 2 J224:J230J224:J231J224:J233J224:J234J224:J235J224J224:J245
223	[61] [80] [208]	The XML-Labeling Guards are placed in KFOR. Is it correct to assume that there is no geographic redundant solution (e.g.in NHQ Sa/EUFOR)?	Correct. There is no geographic redundant solution for the XML-Labeling Guards.
224	[61] [80] [208]	In case a geographic redundant solution is needed for the XML-Labeling Guard. Is the solution placed in the second location 100% identical as one in the main location KFOR?	Not applicable. See preceding answer.
225	3.8.3 [213]	Why should the XLG filter data from LOW to HIGH under integrity and availability considerations when this functionality is provided by the Firewalls in front of the XLG CDS?	See SRS requirement [212](6)(b) for integrity and availability protection of resources in the high domain when transferring HTTP messages received from the low domain.

226	3.8.3 [221](13)e	In the Adatp-4778 is made a reference to the NCIA TN1491 for the SOAP binding. Should the XML-Labeling Guard support the SOAP binding as defined in NCIA TN1491?	Correct. The XML-Labeling Guard must support the SOAP binding profile as defined in TN-1491.
227	3.8.3 [221](13)f	In the Adatp-4778 is made a reference to the NCIA TN1491 for the REST binding. Should the XML-Labeling Guard support the REST binding as defined in NCIA TN1491?	Correct. The XML-Labeling Guard must support the REST binding profile as defined in TN-1491.
228	3.8.3 [225](6)	Since NATO lists HTTP body messages with a size up to 10 GB as a SHALL requirement and large HTTP messages are not bigger than 1 GB, can the 10 GB be considered a "nice to have" requirement?	SRS Requirement [214](1)(e) defines "Very large HTTP messages" as having an average message size of 1GB; therefore, message sizes above 1GB must be supported. SRS requirement [213](6) states the XLG shall support the information exchange of HTTP messages with body size up to 10 GB.
229	3.8.3 [226](1)a	Do all the 70.000 very small HTTP messages need label validation?	Performing label validation on very small HTTP messages is a valid performance use case; however, performance requirements are not based on all messages undergoing the same policy enforcement. SRS requirement [214](2)(a) states the required processing time for a very small HTTP message is less than 200 milliseconds.
230	A.1.21	Why was the "Nexor Sentinel version 3.6" specified? The product lacks any formal NATO member state government information security authority accreditation up to national SECRET or NATO SECAN accreditation up to NATO SECRET. The mail guard, security labelling and domain filter uses Red Hat Enterprise Linux 5. This is a very old operating system which will be out of extended life support on 30 November 2020. Besides that, the security certification ISO/IEC 180045 (CC EAL4+) elapses on 21.12.2022.	Please refer to SRS paragraph [84]. Version 3.6 of the Nexor Sentinel uses Red Hat Enterprise Linux 6.
231	3.8.3	Did the functionality of the Nexor Sentinel version 3.6 influence cross domain solution requirements listed under 3.8.3?	No, the mail guard does not influence the XML-Labeling Guard requirements in SRS section 3.8.3.
232	A.1.23	Stated is as quantity 1 XLG. HA-requirements [229](1) or the performance requirements [226] may require more than one XLGs. May the offered solution contain more than 1 XLG eventually when needed with load-balancers?	CLIN 6.1.34 states that the Contractor must deliver two XML-Labeling Guards to Pristina - Camp Film City. However, the requirements in SRS section 3.8.3 apply to a single XML-Labeling Guard.

233	A1.23 (11)	Does Cross Domain Solution have to be approved for NATO SECRET?	As per SRS requirement [225], the XML-Labeling Guard is required to be evaluated against Common Criteria (CC) Evaluation Assurance Level (EAL) 4+ or national equivalent and be capable of being configured in accordance with Technical and Implementation Directive on CIS Security [NAC AC/322-D/0048-REV3, 2019]. As per SRS section A.1.23, the XML-Labeling Guard must be included in the NATO Information Assurance Product Catalogue (NIAPC) ( <a href="http://www.ia.nato.int/niapc">http://www.ia.nato.int/niapc</a> ), as a Security Enforcing Product.
234	A1.23 (11)	Does Cross Domain Solution have to be accredited for NATO SECRET?	The XML-Labeling Guard product does not require security accreditation. The interconnection via the IEG-C solution, of which the XLG is a component, will be subject to accreditation during the project.
235	3.8.3	Does XML-Labeling Guard need to filter data sent via UDP?	There is no specific requirement for the XML-Labeling Guard to filter data sent via UDP.
236	3.8.3	Does the XML-Labeling Guard need to support ADEXP?	There is no specific requirement for the XML-Labeling Guard to support ADEXP.
237	3.8.3	Does the XML-Labeling Guard need to support NMEA?	There is no specific requirement for the XML-Labeling Guard to support NMEA.
238	3.8.3	Does the XML-Labeling Guard need to support LINK16?	There is no specific requirement for the XML-Labeling Guard to support LINK16.

239	3.8.3	Does the XML-Labeling Guard need to support ADatP-3?	There is no specific requirement for the XML-Labeling Guard to support ADatP-3.
240	3.8.3	Does the XML-Labeling Guard need to support ASTERIX?	There is no specific requirement for the XML-Labeling Guard to support ASTERIX.
241	3.8.3	Does the XML-Labeling Guard need to support DIS?	There is no specific requirement for the XML-Labeling Guard to support DIS.
242	3.8.3	Does the XML-Labeling Guard need to support HLA?	There is no specific requirement for the XML-Labeling Guard to support HLA.
243	02_IFB-CO-15049-BIT1_Book I-Bidding Instructions, Nr. 3.6.6.1.5.5.2	In the document 02_IFB-CO-15049-BIT1_Book I-Bidding Instructions, Nr. 3.6.6.1.5.5.2., it is stated that the excel file for the 2_IFB-CO-15049-BIT1_Book I-Requirements Traceability Matrix.xls is attached. However, in the tender documents, there is no such file. Could you please resend the mentioned document or clarify where to find it?	This is a misinterpretation of the wording. The requirement should be understood to mean that bidders are to generate an RTM of the Bidders are to generate their own RTM meeting the requirements of 3.6.6.1.5.5.2 ;3.6.6.1.5.5.3; and 3.6.6.1.5.5.4. Which for ease of evaluation shall use the title "2_IFB-CO-15049-BIT1_Book I-Requirements Traceability Matrix" in excel format. No Blank RTM will be provided by the Purchaser



<p>244</p>	<p>09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications</p>	<p>A.1.19 Virtual Loadbalancers          Can You explain how did you plan to do TEMPEST C on a virtual loadbalancing, because this is virtual device?          In the technical specification for load balancing You describes load balancing Virtual-F5-LTM BEST with WAFs and BIG-IP Virtual Edition: Local Traffic Manager 200 Mbps (v11.6.x - v16.x), please answer us if to offer separate licenses for BIG-IP Virtual Edition: Local Traffic Manager 200 Mbps (v11.6.x - v16.x) since LTM functionality is already within Virtual-F5-LTM BEST with WAFs?          Please clarify which license is required for Virtual-F5-LTM BEST with WAF, 200Mbps or 1Gbps?</p>	<p><b>Under Consideration</b></p>
<p>245</p>	<p>09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications          03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)</p>	<p>2.6.1 NU Telephony Architecture – Bosnia only          A.1.4.1 Analogue Voice Gateway (large)          A.1.4.2 Analogue Voice Gateway (medium)          A.1.6 NU Analogue phone (NATO Users only)          6.6.27 NU Analogue phone (NATO Users only)          12.1.14 NU Analogue phone (EUFOR Users only)</p> <p>Comparing the quantities of Gigaset DA-710 analog telephones in documents 03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel) and 09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications we came to the conclusion that the quantities do not match. Can you accurately define the required quantities of analog phones?</p> <p>Are the analogue telephones are listed in 09_IFB-CO-15049-BITI_Book II - Part IV Annex A System Requirements Specifications (A.1.4.1. Analog voice gateway (large) and A.1.4.2 analog voice gateway (medium) independent of analogue telephones - A.1.6 NU analogue telephone (for NATO users only)?</p>	<p>This question has been answered already in the previous Clarification Response documents.          The analogue phones Gigaset DA-710 included in the Analogue Voice Gateway setup are separate from the order of the same product as a standalone CLIN.          The total quantity is a sum of the stand-alone analogue phone CLIN and those included in the Analog Voice Gateway bundle according to formula Qty_Analog_Gateways x Qty_Analog_phones_per_Gateway.</p>

<p>246</p>	<p>09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications</p>	<p>A.1.2.1 Data Center Switch A.1.2.2 Data Center Top-of-Rack (TOR) switch Can you explain in more detail exactly how much SFP+/QSFP+ solution (transceivers / passive copper direct attach cables) is required? For example: For the A.1.2.1 Data Center Switch it was requested: - Dell Networking, Transceiver, 40GbE QSFP+ SR4, MTP, MMF – 2 pcs - Dell Networking, Transceiver, 40GbE QSFP+ LR4, MTP, SMF – 2 pcs In the end of the specification You put disclaimer: Lines 2 and 3 present different QSPF+ solution options for the inter-switch connectivity and are given here for the reference purposes. Different combinations of these might be required depending on the local requirements. The same is for the A.1.2.2 Data Center Top-of-Rack (TOR) switch</p>	<p>The disclaimer refers to possible adjustments to order after the contract is awarded. For the bidding process purposes, the numbers of the 40GbE QSFP+ modules should be as stated in the SoW SRS Annex A: two units of each type, MMF and SMF.</p>
<p>247</p>	<p>09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications</p>	<p>A.1.2.1 Data Center Switch A.1.2.2 Data Center Top-of-Rack (TOR) switch Can you explain to us how much warranty should be offered for points A.1.2.1 and A.1.2.2, 1 or 3 years? For example: For the A.1.2.1 Data Center Switch You asked: - 1Yr Return to Depot - Minimum Warranty - INFO 1Yr ProSupport and 4hr Mission Critical - 3Yr ProSupport and 4hr Mission Critical  For the A.1.2.2 Data Center Top-of-Rack (TOR) switch You asked: - 1Yr Return to Depot - Minimum Warranty - 3Yr ProSupport and 4hr Mission Critical</p>	<p>Both switches A.1.2.1 and A.1.2.2 should offer at least 1 year warranty. Regrdng the support contract, the duration should be 3 years and as such the line "- INFO 1Yr ProSupport and 4hr Mission Critical" under A.1.2.1 should be disregarded.</p>
<p>248</p>	<p>09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications</p>	<p>A.1.2.1 Data Center Switch The proposed Data Center Switch model has been declared end of sale by the manufacturer with the date 30.10.2020., and will no longer be available. Can You please recommend another switch model? From our side, the recommendation is the model Dell EMC S5232FON Switch, 32x100GbE QSFP28 ports, IO to PSU air, 2x PSU, OS10as a replacement for the Dell Networking S6010-ON, 1U, 32x 40GbE QSFP+, 2x AC PSUs,IO to PSU Airflow, OS9</p>	<p><b>Under Consideration</b></p>

249	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>A.1.2.2 Data Center Top-of-Rack (TOR) switch</p> <p>The proposed Data Center Top-of-Rack (TOR) switch model has been declared end of sale by the manufacturer with the date 31.12.2020., and will no longer be available. Can You please recommend another switch model?</p> <p>From our side, the recommendation is the model Dell EMC Switch S4148F-ON, 1U, 48x10GbE SFP +, 4xQSFP28, 2xQSFP +, IO to PSU, 2 PSU, OS10 as a replacement for the Dell Networking S4048-ON, 48x 10GbE and 6x 40GbE QSFP+ ports,IO to PSU air, 1x AC PSUs, DNOS9.</p>	<b>Under Consideration</b>
250	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>A.1.8 Virtual Host Server and Storage (Large)</p> <p>A.1.9 Virtual Host Server and Storage (Medium)</p> <p>A.1.10 Virtual Host Server and Storage (Small)</p> <p>A.1.12 Virtual Host Witness Server</p> <p>A.1.13 Physical Server (Domain Controller)</p> <p>A.1.14 Backup Server (Large)</p> <p>A.1.15 Backup Server (Small)</p> <p>In all server configurations stated form points A.1.8 through A.1.15 the needed 10G network adapter is Ethernet 10Gb 2-port 562FLR-SFP+.</p> <p>We would like to inform the Contractor that the listed adapter has retired on 17th August 2018 and that it cannot be configured in Hpe servers any more. We kindly ask the Contractor to provide us with suggested replacement 10G network adapter.</p>	When the manufacturer has retired or no longer supports a specified sub-component then the Bidder shall offer the manufacturer's replacement sub-component that is an equivalent or higher specification than the one requested.
251	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>A.1.14 Backup Server (Large)</p> <p>A.1.15 Backup Server (Small)</p> <p>We would like to inform the Contractor that backup server requested configuration (A.1.14 – A.1.15) is referencing to the Proliant 8SFF server chassis but the 8SFF chassis is only suitable for SFF 2,5 " drives and requested 12TB drives are only configurable in 12LFF chassis which can withold 3,5" drives. Also the 12 LFF chassis doesn't support the requestred Universal Media Bay Kit.</p>	<b>Under Consideration</b>
252	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>A.1.17 Tape Library</p> <p>Considering the point A.1.17 Tape Library, we would like to inform the Contractor that the requested referent model MSL4048 is no longer available on the market and that the technical replacement comes in terms of the new Tape Library model MSL3040. The 3040 model comes with support for three tape drives maximum. If that is not suitable for the Contractor the MSL6480 can support the 42 drives maximum. we kindly ask Contractor to change the request for MSL Tape Library.</p>	<b>Under Consideration</b>

253	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	A.1.27 Rack Peripherals (KVM, KVM Switch) Considering the point A.1.27 Rack Peripherals (KVM, KVM Switch) we kindly ask the Contractor to define which KVM adapters are needed for connecting servers to KVM switch and in which quantities.	<b>Under Consideration</b>
254	02_IFB-CO-15049-BITI_Book I-Bidding Instructions	B.12. Certificate of Origin of Equipment, Services, and Intellectual Property In paragraph B.12. Certificate of Origin of Equipment, Services, and Intellectual Property under bullet (b) is a requirement: No material or items of equipment down to and including identifiable sub-assemblies shall be manufactured or assembled by a firm other than from and within a participating NATO member country. A subassembly is defined as a portion of an assembly consisting of two or more parts that can be provisioned and replaced as an entity; Almost all projectors that satisfied required technical specifications are manufactured by company outside of the NATO country. Could you please confirm that projector modified and TEMPEST certified by company from the NATO country is acceptable?	<b>Under Consideration</b>
255	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)	Is offering of OPTIONAL CLINS - Non Evaluated (13, 14) mandatory? For CLINS 14,1 Iphone 11 Pro Max and 14,2 Ipad Pro 12.9 inch requirement is: Devices have to be purchased directly from Apple or Apple Authorized Resellers / Carrier that are participating on the Apple Device Enrolment Program. This means that the potential bidder needs to be either Apple or Apple Authorized Resellers. Because of this we suggest that offering OPTIONAL CLINS - Non Evaluated (13, 14) is not mandatory to offer	<b>Under Consideration</b>
256	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	A.1.37 Projector (Large, 5000 Lumens) Regarding technical specification of „ A.1.37 Projector (Large, 5000 Lumens)”, HDMI KVM (1 output, 4 inputs). Could you please confirm that you are looking for an external HDMI KVM that has 1 output and 4 inputs?	<b>Under Consideration</b>

257	Book II part IV SRS Annex A - A.1.20	Minimum requirements specified in A.1.20, under item# 20, includes "Threat detection software". The same Feature requirement is specified separately in A.1.22 (item#2) as "Threat Prevention service". Could the purchaser please confirm if the Feature "Threat detection" needs to be offered as system component, integrated part of the proposed Firewall System (A.1.20)?	SRS section A.1.20 item 20 refers to the Palo Alto Threat Prevention software, specified in SRS section A.1.22. The Palo Alto Threat Prevention software is an integrated part of the firewall in SRS section A.1.20. Palo Alto uses a service-based model for this software. In order for the software to operate, an annual subscription must be procured, and the software must be activated through the use of a valid activation code.
258	Book II part IV SRS Annex A - A.1.20	Reference described as "see section A.2.22" under item# 20 appears to be wrong, since there is no A.2.22 section in Annex-A. Could the purchaser please update the reference description?	The correct reference is A.1.22, as in the PDF version of the SRS.
259	Book II part IV SRS Annex A - A.1.22	Could the purchase please explain in more details what is the purpose of the required NIPS Licences described in A.1.22 and how these licences are planned to be installed?	The NIPS licences allow the firewalls described in SRS section A.1.20 to perform network-based intrusion prevention and detection. For each NIPS component, the Contractor must provide the Purchaser with a valid annual subscription licence including activation code. This is sufficient for both PFE and new firewalls. The Purchaser will activate and verify the validity of each licence provided by the Contractor.
260	Book II part IV SRS Annex A - A.1.22	Could the purchase please clarify the required quantity of the NIPS Licences (10 required as part of CLIN-6 and additional 2 required as part of CLIN-12)? Are these Licences going to be installed on any existing Firewall Systems and if yes, please provide more details about existing systems, including the System Model and Serial Number.	A total of 12 NIPS licences are required (10 required as part of CLIN-6 and additional 2 required as part of CLIN-12). Four of the NIPS licences in CLIN 6.1.33 are required for existing Palo Alto PA-3060 firewalls in HA configuration. Serial numbers can be provided after contract award.
261	Book II part IV SRS Annex A - A.1.22	Does the bidder need to offer 12 NIPS Licences for "Threat Prevention" in addition to the 9 that are included as part of Firewall System described in A.1.20?	No, a total of 12 NIPS licences are required, including 4 for existing firewalls and 8 for new firewalls. The firewall in CLIN 6.4.9 does not require a NIPS licence, but the firewall must still support the software in an unactivated state.
262	Book II part IV SRS Annex A - A.1.20	Could the purchase please confirm if the Panorama Management platform for the Palo Alto Firewalls should be considered as PFE or the Management Software needs to be part of the proposal?	The Panorama management platform for the Palo Alto firewalls is PFE and should not be part of the proposal.

263	Book II part IV SRS Annex A - A.1.20	If there is an existing Panorama Management platform, could the purchaser please confirm that the existing Licensing capacity is sufficient to integrate the 9 additional Firewalls required as A.1.20? Please use the following link for reference: <a href="https://docs.paloaltonetworks.com/panorama/9-0/panorama-admin/panorama-overview/panorama-models.html">https://docs.paloaltonetworks.com/panorama/9-0/panorama-admin/panorama-overview/panorama-models.html</a> "	The existing Panorama management platform has sufficient licensing capacity to integrate the additional firewalls.
264	Book II part IV SRS Annex A - A.1.20	Could the purchaser please confirm how many of the required Firewalls are planned to be used in a "cluster mode" and in what location?	Each pair of firewalls from CLINs 6.6.43, 6.6.44, 12.1.21, and 12.4.11 will be used as a high availability cluster.
265	Book II part IV SRS Annex A - A.1.20	Could the purchaser please confirm if the quantity of Item#13 and 18 are correct and that both type of interfaces are required (SFP+ short reach and SFP+ long reach)?	The Purchaser confirms that the quantities are correct and that both short reach (item 13) and long reach (item 18) are required.
266	Book II part IV SOW Annex A - SRS# 118 and Book II part IV SRS Annex A - A.1	"The support requirement for SNTC 8X5XNBD contradicts with the support requirement based on SSSNT 8X5XNBD specified in the A.1 Hardware and software Requirements. Could the purchaser please confirm what is the support type required for all Cisco equipment? Please use the following link for reference: <a href="https://www.cisco.com/c/en/us/about/legal/service-descriptions.html">https://www.cisco.com/c/en/us/about/legal/service-descriptions.html</a>	<b>Under Consideration</b>
267	Book II - Part IV Statement of Work Section 5.10.15. - Table 11 General Training / No of Participants	Referencing the courses detailed in Table 11 and the status of the following two trainings: 1. CISCO DCII has been replaced by DCFNDU. 2. CISCO DCICN has been replaced by DCCOR and ENCOR. Can the Purchaser please confirm that the DCII and DCICN trainings should be delivered with the replacement DCFNDU and DCCOR&ENCOR trainings and please update the requirement table?	This training requirement should no longer be valid following the decision that the Data Center element should be built based on the Dell switching equipment, not Cisco. The replacement product should be "Dell Networking Data Center Advanced Features & Administration Training"
268	Book II part IV SOW Annex A – SRS 3.8.3 and Book II part IV SRS Annex A - A.1.23	Can the Purchaser please specify the brand and model required for the XML Labelling Guard expected to be delivered as detailed in SRS 3.8.3 and A.1.23?	The Purchaser is unable to specify a brand and model for the XML-Labelling Guard.

269	Book II part IV SRS Annex A	Can the Purchaser please release the Approved Fielded Product List (AFPL) for all software/firmware versions requested in this IFB?	A review of AFPL will be carried out after contract award during the site surveys.
270	Part IV, Statement of Work, Annex A, System Requirement Specification	A.1.12 virtual host witness server, has only stated that it shall be "TEMPEST" but no specification which Level. In the Part IV, Statement of Work, Annex A System Requirement Specification, it says that the device shall be TEMPEST Level C. Are we right in assuming that the intended TEMPEST Level in the bidding sheet shall be "TEMPEST Level C"?	The server in CLIN 6.6.30 requires TEMPEST C certification.
271	Part IV, Statement of Work, Annex A, System Requirement Specification	A.1.19 Virtual Loadbalancers, it is requested in the specification requirements that this device shall have TEMPEST Level C. In the bidding sheets there is no indication whether it shall be COTS or TEMPEST Level C. Can you please verify if it shall be COTS or TEMPEST Level C?	<b>Under Consideration</b>
272	Part IV, Statement of Work, Annex A, System Requirement Specification	A.1.21 Mailguard + 1 Year Support, it is requested in the specification requirements that this device shall have TEMPEST Level C. In the bidding sheets there is no indication whether it shall be COTS or TEMPEST Level C. Can you please verify if it shall be COTS or TEMPEST Level C?	The Mailguards require TEMPEST C certification.
273	A.1.23 XML-Labeling Guard + 1 Year Support, it is requested in the specification requirements that this device shall have TEMPEST Level C. In the bidding sheets there is no indication whether it shall be COTS or TEMPEST Level C. Can you please verify if it shall be COTS or TEMPEST Level C?	A.1.23 XML-Labeling Guard + 1 Year Support, it is requested in the specification requirements that this device shall have TEMPEST Level C. In the bidding sheets there is no indication whether it shall be COTS or TEMPEST Level C. Can you please verify if it shall be COTS or TEMPEST Level C?	The XML-Labeling Guards require TEMPEST C certification.

274	A.1.57 NS VTC System – “small” room. In the bidding sheets it is not indicated whether the device shall be COTS or TEMPEST C. Can you please clarify whether COTS or TEMPEST C is requested?	A.1.57 NS VTC System – “small” room. In the bidding sheets it is not indicated whether the device shall be COTS or TEMPEST C. Can you please clarify whether COTS or TEMPEST C is requested?	The NS VTC System – “small” room from SRS section A.1.57 requires TEMPEST C certification.
275	A.1.58 NS VTC System – “large” room. In the bidding sheets it is not indicated whether the device shall be COTS or TEMPEST C. Can you please clarify whether COTS or TEMPEST C is requested?	A.1.58 NS VTC System – “large” room. In the bidding sheets it is not indicated whether the device shall be COTS or TEMPEST C. Can you please clarify whether COTS or TEMPEST C is requested?	The NS VTC System – “large” room from SRS section A.1.58 requires TEMPEST C certification.
276	A.1.2.2 Data Center Top-of-Rack (TOR) switch has no TEMPEST requirements. In the bidding sheets is TEMPEST C requested. Can you please clarify whether COTS or TEMPEST C is requested?	A.1.2.2 Data Center Top-of-Rack (TOR) switch has no TEMPEST requirements. In the bidding sheets is TEMPEST C requested. Can you please clarify whether COTS or TEMPEST C is requested?	The project assumes introduction of three data center footprints following the same design. Two out of three data center topologies are to operate in high classification network and hence all devices supporting them should meet the TEMPEST requirements - this applies to Top-of-Rack switches as well. Resulting from this is the need to procure the TOR switches TEMPEST C for classified deployment and COTS for unclassified deployments. The quantities of the TEMPEST C vs COTS are defined in the SSS documentation



277	3.6.6.1.4.5.4. of Book i - Bidding Instructions	Sub-contractors and other personnel are required to possess a NS clearance on contract signing, it would only be appropriate that Key Personnel be provided the same. Primarily as no work or visits will occur prior to contract award, so there is no reasonable reason for this requirement. NATO has a process for companies who are not compliant at contract award, so there is a method to move on to the next compliant bidder. Can the paragraph read "On contract signing or award Key personnel must have NS ..."?	<b>Under Consideration</b>
278	Book II Part IV ANNEX C Key Contractor Personnel	Under experience for Key Personnel it states that, "Shall have a demonstrated spoken and written fluency in English..." Demonstrates means to have shown. Can a bidder demonstrate fluency by being part of the bid team? If not what is required?	<b>Under Consideration</b>
279	Book II, Part IV, Annex A Pages 47 & 48	There was an error in creating the PDFs resulting in a cut off of the right side of the tables	<b>Under Consideration</b>
280	Book II, Part IV, Annex A A.1.53	The list of requirements says this is a DLP solution, but then includes items that are mostly ENS. Only item 10 is for DLP. Is the requirement for 715 McAfee ENS + 715 McAfee DLP Endpoint licenses?	As indicated in SOW section B.3.4, McAfee Endpoint Security (ENS) and McAfee DLP licenses are PFE. Some additional DLP licenses are required, as indicated in the bidding sheets. No ENS licenses are required because all are PFE. The required McAfee DLP license is McAfee Complete Data Protection—Advanced.
281	Book II, Part IV, pg 64 of 100, Para 6.2.4	Based on experience what is the expected percentage of Tempest equipment that must be shipped for testing.	For TEMPEST spot-testing, the Contractor is required to ship up to a maximum of 10% of the total number of TEMPEST devices, including at least one device for each type of TEMPEST device.
282	Book I Annex A Bidding Sheets, CLIN 6.6.30	What is the required Tempest rating for this particular server?	The server in CLIN 6.6.30 requires TEMPEST C certification.
283	RFQ Bidding Sheet, CLIN Summary, CLIN 12.1.20 & 12.4.10	The description of the device does not indicate the item is to Tempest C. Can you identify in the Bidding Sheet which servers the Virtual Loadbalancers will reside on and that those servers are indicated as Tempest C.	<b>Under Consideration</b>
284	RFQ Bidding Sheet, CLIN Summary, CLIN 6.1.32 & 12.1.22	The description of the device does not indicate the item is to Tempest C. Confirm the Mail Guard is required to be Tempest C	<b>Under Consideration</b>

285	RFQ Bidding Sheet, CLIN Summary, CLIN 6.1.34	The description of the device does not indicate the item is to Tempest C. Confirm the XML-Labeling Guard is required to be Tempest C	<b>Under Consideration</b>
286	RFQ Bidding Sheet, CLIN Summary, CLINs 6.1.36, 6.4.10, 6.5.8, 6.6.47, 6.7.12, 12.1.24, 12.4.12	Confirm that each A.1.26 consists of one A.1.26.1 and one A.1.26.2.	<b>Under Consideration</b>
287	RFQ Bidding Sheet, SOW A.1.28.1 and Book II Part IV, Annex A, A.1.28	Confirm that there is no requirement for item A.1.28.2	<b>Under Consideration</b>
288	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	<p>(166) The PFE VMWare software shall be installed on to the equipment provided in this contract to create a fully functioning and resilient VMWare vSAN Hyper Converged Infrastructure (HCI) that follows the VMware vSAN Datacenter Cluster and ROBO Deployment Reference Architecture.</p> <p>Do we need to offer vSAN ReadyNodes for all Virtual Host Server and Storage servers specifications instead of build your own servers solution with certified hardware like requested in System Requirement Specification Technical Refresh of Balkans IT Infrastructure?</p> <p>vSAN ReadyNode™ is a validated server configuration in a tested, certified hardware form factor for vSAN deployment, jointly recommended by the server OEM and VMware. vSAN ReadyNode™ are ideal as hyper-converged building blocks for larger data center environments looking for automation and a need to customize hardware and software configurations.</p>	<b>Under Consideration</b>

<p>289</p>	<p>6_IFB-CO-15049-BITI_Book II          - Part IV SOW Annex A          AMD-2</p>	<p>A.1.8 Virtual Host Server and Storage (Large)          A.1.9 Virtual Host Server and Storage (Medium)          We would like the Contractor to confirm that there is possibility to offer multiple vendors for equipment under points A.1.8 and A.1.9 considering the fact that under the "Chassis" description there isn't any vendor listed yet only description that states "2U Rack Mount Server with Small Form Factor (SFF) Chassis". We further conclude that HPE servers are mandatory for offering under the points A.1.10. through A.1.15 considering the "Chassis" description. Please confirm that this is correct. We would like to emphasize the fact that although there may be an option to offer multiple vendors under the A.1.8 and A.1.9 points stated in the question above there are still some HPE naming legacy parts left in the server BoM's which other vendors technologically resolve in a different manner or have a different name for them so they do not include them in their configurations (BoM's). Those HPE parts would be: 96W Smart Storage Backup Battery (up to 20 Devices) with 145mm Cable Kit, Smart Array Performance RAID 12G SAS Modular Controller (16 Internal Lanes/4GB Cache/SmartCache), 800W Hot Plug Low Halogen Power Supply Kit, Redundant High Performance Temperature Fan Kit. We would like Contractor to confirm that if other vendors could be offered for any point, that functional equivalents can be offered. The Contractor is requesting "Embedded Network ports" under the A.1.8 and A.1.9 points. We would like to emphasize the fact that the embedded network ports is a legacy HPE feature which is currently not available anymore due to the new NC (network choice) architecture type for Proliant servers. All the current server vendors on the market, including HPE, now have LoM (Lan on Motherboard) Network adapters which is not embedded. Could you specify type of adapter?</p>	<p><b>Under Consideration</b></p>
<p>290</p>	<p>6_IFB-CO-15049-BITI_Book II          - Part IV SOW Annex A          AMD-2</p>	<p>(170) The IaaS VMware vSAN Datacenter shall be installed as a five (5) host cluster to provide the following resources for the virtual servers:          (1) 270Tb of raw storage          (2) 205 vCPU          (3) 610 vRAM          We would like to point out to the Contractor that none of the specified server configurations can fulfill the requirement for the 270TB of Raw storage.          Also, we kindly ask the Contractor to provide us with more details on how is the 270TB of Raw storage calculated through 5 nodes - which nodes are used for calculation, what RAID type, what data type, are compression and deduplication allowed for calculation?</p>	<p><b>Under Consideration</b></p>

291	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	A.1.8 Virtual Host Server and Storage (Large) A.1.9 Virtual Host Server and Storage (Medium) Can you confirm whether 10G copper or optical transceivers should be offered with the required 10G adapter (Ethernet 10Gb 2-port Flexible LOM SFP+ Adapter)?	<b>Under Consideration</b>
292	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	A.1.10 Virtual Host Server and Storage (Small) A.1.12 Virtual Host Witness Server A.1.13 Physical Server (Domain Controller) A.1.14 Backup Server (Large) A.1.15 Backup Server (Small) Can you confirm whether 10G copper or optical transceivers should be offered with the required 10G adapter (Ethernet 10Gb 2-port 562FLRSFP+ Adapter)?	<b>Under Consideration</b>
293	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	A.1.42 Media Converter Module A.1.43 Media Converter SFP 155-Mbps LC A.1.44 Media Converter SFP 1250-Mbps LC A.1.45 Media Converter Wallmount Bracket Can another manufacturer that meets the parameters from the technical specification be offered?	<b>Under Consideration</b>
294	3_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets AMD-2 5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2	Can you explain to us whether the delivery locations from document 3_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets AMD-2 are correct? Comparing Table 1 Locations and Networks to be implemented from document 5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 and column delivery destination from document 3_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets AMD-2 do not match all the locations listed.	<b>Under Consideration</b>

295	5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2	In the document 5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 You mention Clause 29 of contract Special Provisions, but we cannot find it, can you explain to us what part of the documentation it is?	<b>Under Consideration</b>
296	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	A.1.32 A3 Printer A.1.34 A0 Plotter/Scanner Combi Device + Media Converters A.1.35 A0 Plotter + Media Converters what exactly is the required amount of media converters, and which LC or SC converters? 9) Media Converter (Media Converter to 1000Base-SX: Allied Telesis AT-MMC2000/LC Converter) 10) Media Converter (Media Converter to 100Base-SX: Allied Telesis AT-MMC200/SC Converter)	<b>Under Consideration</b>
297	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	A.1.25 Proxy device In order to offer you a valid replacement for the outdated BlueCoat 510-10 ProxySG device, we have a few questions: What is average volume of traffic (throughput) through proxy (Mbps) and volume of traffic in peaks (HTTP / HTTPS)? What is the highest number of proxy connections made during the day? What is number of proxy users (total employees)? Do you have requests to upgrade to Office 365 because of device performance?	<b>Under Consideration</b>
298	SOW Specifications for Tempest Products	In addition to TEMPEST system environments, a TEMPEST universal power supply filter is also required for complete protection against data tapping. Are we right in assuming that all sites in which TEMPEST equipment is implemented have appropriate high attenuation wide-range filters with sufficient attenuation already installed? To our understanding, if there is no high attenuation wide-range filter available or the dimensions are insufficient, there is no complete TEMPEST protection. This would make it necessary to use additional TEMPEST universal power supply filters for each system.	<b>Under Consideration</b>

299	SOW Specifications for Tempest Products	<p>Are we also right in assuming that after implementation, the TEMPEST systems will no longer be moved and will remain in the approved system / bundle, including the TEMPEST-Universal Power Supply Filter?</p> <p>If systems are used in DC environments (possibly mobile use) without high attenuation wide-range filters or are not sufficiently dimensioned, to our understanding there is no complete protection.</p> <p>This would make it necessary to use additional TEMPEST universal power supply filters for each system</p>	<b>Under Consideration</b>
300	SOW Specifications for Tempest Products	<p>TEMPEST and commercial of the shelf systems look almost identically from the outside. A closer examination seems necessary to us. Therefore, we kindly ask you to answer the following questions:</p> <p>a) How does the Agency assess or check the delivered or implemented systems and associated components at the respective tempest level?</p> <p>b) In addition to the systems, are the associated components, e.g. power cables, also checked for radiation?</p>	<b>Under Consideration</b>
301	SOW Specifications for Tempest Products	<p>Multiple TEMPEST systems including different services with partly up to 5 years manufacturer warranty are tendered. However, the contract partner only provides service for the first year. How is the repair of TEMPEST systems carried out in the following years?</p>	
302	SOW Specifications for Tempest Products	<p>TEMPEST systems (e.g. servers) with hot-swappable components such as SSD and power supplies are tendered. The OEM manufacturer provides a standard warranty service on COTS systems, not for TEMPEST. We see a risk that COTS components are used in TEMPEST systems and the whole system loses its TEMPEST protection. Please explain how the purchaser will cope with this situation.</p>	<b>Under Consideration</b>
303	SOW Specifications for Tempest Products	<p>The replacement or repair of defective components in TEMPEST systems requires the systems to be re-TEMPESTed . This is very time consuming, as the defective system needs to be returned to the TEMPEST company, repaired, re- TEMPESTed and send back to the site for implementation. Therefore, we ask for information if the sites will have a pool of service components or service systems at their disposal to bridge the repair time?</p>	<b>Under Consideration</b>
304	SOW Specifications for Tempest Products	<p>Our understanding is that the specific DC system environments and the requirements profile at the sites make TEMPEST (Level B/C) on system-level mandatory. Are we therefore right in assuming that delivery of TEMPESTed racks including non-TEMPESTed devices for the DC is not enough in any case?</p>	<b>Under Consideration</b>

305	SOW Specifications for Tempest Products	In addition to TEMPEST system environments, a TEMPEST universal power supply filter is also required for complete protection against data tapping. Are we right in assuming that all sites in which TEMPEST equipment is implemented have appropriate high attenuation wide-range filters with sufficient attenuation already installed? To our understanding, if there is no high attenuation wide-range filter available or the dimensions are insufficient, there is no complete TEMPEST protection. This would make it necessary to use additional TEMPEST universal power supply filters for each system.	<b>Under Consideration</b>
306	SOW Specifications for Tempest Products	Are we also right in assuming that after implementation, the TEMPEST systems will not be moved during their operation lifetime and will remain in the approved system / bundle, including the TEMPEST-Universal Power Supply Filter? If systems are used in DC environments (possibly mobile rack usage) without high attenuation wide-range filters or are not sufficiently dimensioned, to our understanding there is no complete protection. This would make it necessary to use additional TEMPEST universal power supply filters for each system.	<b>Under Consideration</b>
307	SOW Specifications for Tempest Products	In order to maintain a secure supply chain for at least all major systems are we right in assuming that only new equipment ex works is permitted under this call for tenders? We suggest as evidence that the contractual partner must submit a written confirmation from the respective manufacturer (at least for the main systems) upon delivery or shortly afterwards.	<b>Under Consideration</b>
308	SOW Book II_Part IV SOW Annex A.1.23, Book I Annex A Bidding Sheets CLIN	In the SOW, the product is indicated with Tempest Level C, but this is not required in the bidding sheets under point 6.1.34. Please indicate whether a Tempest Level C is required.	<b>Under Consideration</b>
309	Book II, Part IV, 5.4.9	The paragraph mentions the Purchaser's SLA. No SLA is referenced or clearly identified outside of this paragraph. Was it omitted or found in another document?	<b>Under Consideration</b>
310	Book II, Part IV, SOW Annex A. A.1.8 to A.1.17	HPE representatives indicated that there are numerous errors in the specifications for the components listed. Confirm that all components listed are correct and we are to use them in our calculations.	<b>Under Consideration</b>
311	SOW	Taking into account that the established management platform is OneView are we right in assuming that this standard will prevail and the contractor – during implementation - is to deliver software licenses for this platform and the DC components if deemed necessary?	<b>Under Consideration</b>

312	SOW A.1.19	SoW A.1.19. Refers to virtual load balancers which is a software item but the SOW requires Tempest Level C certification. Is there a specific hardware component intended to be used with the virtual load balancers than must be Tempest Level C certified and if so would you please identify it?	<b>Under Consideration</b>
313	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications	Having in mind that in the all existing NATO Balkan IT Refresh Sites and installations the management platform are currently in use is OneView , and in order to keep the standardised platform across all sites are this licenses required for the Server / Storage Part of this procurement ?	<b>Under Consideration</b>