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Acquisition Directorate
Boulevard Léopold III
B-1110 Brussels

NCIA/ACQ/2020/7121
05 October 2020

To : All Prospective Bidders

Subject : **IFB-CO-15049-BITI: INVITATION FOR BID
Technical Refresh of Balkans IT Infrastructure, Clarification Requests
Release # 9**

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
L. IFB-CO-15049-BITI Clarification Requests Release # 3 NCIA/ACQ/2020/6491 dated 23 July 2020
M. IFB-CO-15049-BITI Clarification Requests Release # 4; NCIA/ACQ/2020/6947 dated 27 July 2020
N. IFB-CO-15049-BITI Amendment 4; Clarification Requests Release # 5 NCIA/ACQ/2020/6965 dated 31 July 2020
O. IFB-CO-15049-BITI Amendment 5; Clarification Requests Release # 6 NCIA/ACQ/2020/7002 dated 24 August 2020
P. IFB-CO-15049-BITI Amendment 6; NCIA/ACQ/2020/7033 dated 07 September 2020
Q. IFB-CO-15049-BITI Amendment 7; Clarification Requests Release # 7 NCIA/ACQ/2020/7049 dated 10 September 20
R. IFB-CO-15049-BITI Amendment 7; Clarification Requests Release # 8 NCIA/ACQ/2020/7083 dated 22 September 20

Dear Prospective Bidders,

1. Please find attached the list of Clarification Requests and responses in relation to subject IFB (Release Number 9).
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.



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4. Your interest and participation in the NCI Agency's acquisition projects is appreciated.

For the Director of Acquisition

A handwritten signature in black ink, appearing to read 'G. Hindle', enclosed in a thin black rectangular border.

Graham Hindle
Senior Contracting Officer



**Distribution List for IFB-CO-15049-BIT1
Clarification Request Release # 9**

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)

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ANNEX A: Clarification Requests Response Release No 9

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.</p> <p>NCAgency 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>1. Question: will NATO NCAgency accept a technically compliant alternative solution instead of vSAN that still uses VMWare virtualization technology to host VMs and Virtualized Storage ?</p> <p>2. Question: vSAN requires 10-30% CPU overhead for storage. Will NCAgency accept a solution that provides zero CPU overhead that will potentially lower total cost of ownership (TCO)? ?</p> <ul style="list-style-type: none"> • 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. <p>3. Question: vSAN only offers a 2 to 1 workload data reduction. Will NCAgency accept a solution that provides 4:1 workload data reduction or better that will potentially lower total cost of ownership (TCO)?</p> <p>4. Question: vSAN is a shared core HCI solution. Will NCAgency accept an HCI solution that has separate storage and compute nodes allowing independent scalability of resources?</p> <p>5. Question: Will NCAgency accept a solution and consider in their evaluation adding merit to a solution that guarantees application performance across all their application workloads?</p> <p>6. Question: vSAN upgrade and expansion offerings are inflexible and severely degrade performance during maintenance changes. Will NCAgency accept and add merit value to solution that expands and contracts flexibly to allow upgrades and resizing without limits or performance impact?</p> <p>7. Question: vSAN storage services are only available to VM running on the vSAN host. Will NCAgency 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 file 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-BITI_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-BIT_Book II - Part IV SOW Annex A System Requirements Specifications	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?	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.
13	09_IFB-CO-15049-BIT_Book II - Part IV SOW Annex A System Requirements Specifications	Technical specification of „A.1.46 Laptop (Windows)” is used in document “03_IFB-CO-15049-BIT_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: - Bullet 8. Wireless Display / Miracast support is asked -Bullet 14. Intel IEEE 802.11 Dual-Band Wireless-AC 9560 Wi-Fi (vPro) is asked - Bullet 15. Bluetooth 5.0 is asked To achieve asked TEMPEST certification asked under CLIN 6.1.54 WiFi and Bluetooth module need to be disabled. Can you check the asked requirements?	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.
14	09_IFB-CO-15049-BIT_Book II - Part IV SOW Annex A System Requirements Specifications	Technical specification of „ A.1.47 Rugged Notebook” states that the minimum requirement for: - Bullet 3. Performance BAPCo MobileMark 2014, Office Productivity of 1409 BAPCo MobileMark 2014; Battery life of 1393 Does the battery life of minimum 1393 include also additional batteries?	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.
15	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)	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-BIT_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		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.</p> <p>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.</p> <p>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?</p> <p>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)?</p> <p>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"</p> <p>(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-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>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?</p>	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-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>A.1.12 // Can you please explain terminology "Virtual HOST Witness Server" - Is it necessary to offer physical or virtual solution?</p>	"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-BITI_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-BITI_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-BITI_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-BITI_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.
42	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	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?	5 years DNA subscription needs to be offered with the switches
43	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	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?	There was an error in the specifications in the SRS which has been updated and will be released in an amendment to the IFB.

44	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)	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)	The specifications and quantities in the SRS have been updated and will be released in an amendment to the IFB.
45	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)	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)?	Yes, the description in the Bidding Sheet has been updated and will be released in an amendment to the IFB.
46	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	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?	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.
47	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	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	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.

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) 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) 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) 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)? 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). What exactly is the required number of licenses 381 or 400? Whether additional licenses for analog telephones are required? 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-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.1.7.1 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-BITI_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-BITI_Book II - Part IV SOW Annex A System Requirements Specifications? In the document 09_IFB-CO-15049-BITI_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)?</p>	100Mb modules shall be used in exceptional circumstances. The items specified in the SRS and Bidding Sheets shall be provided by the Bidder.

<p>52</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>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-BITI_Book II - Part IV SOW Annex A System Requirements Specifications and 03_IFB-CO-15049-BITI_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-BITI_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-BITI_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-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>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>

54	03_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets (MS Excel)	6.1.33 NIPS License COTS Is NIPS License COTS for an existing firewall?	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.
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	According to paragraph A.1.47 there is a demand for rugged notebook, including TEMPEST Level C/B. -> 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? -> 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? -> Could you please evaluate and specify how many devices are requested for each, TEMPEST C and TEMPEST B?	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	"_"	According to paragraph A.1.18 there is a demand for Tape Media. -> 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?	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	"_"	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. -> In the bidding sheets there is only stated the request for paragraph A.1.28, Rack UPS. Could you please specify the amount of A.1.28.1 Rack UPS – 6kVA and A.1.28.2 Rack UPS – 8kVA?	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	"_"	According to paragraph A.1.38 there is a demand for a A4 printer. -> 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? -> Could you please specify, if a printer is needed overall and if so, in what amount and TEMPEST Level?	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. -> 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. -> 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. -> 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? -> 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. -> 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? -> 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. -> 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	“-“	<p>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?</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>

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"> • Keyboard, video and mouse (KVM) over Ethernet; • Command Line interface (CLI) via Secure Shell (SSH); • HTTPS web interface. 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) (http://www.ia.nato.int/niapc) 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 maintenance 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-BIT1	<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-BIT1	<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"> • 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. 	<p>The vSAN CPU overhead is factored into the design and specifications.</p>
86	IFB-CO-15049-BIT1	<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-BIT1	<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-BIT1	<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-BIT1	<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-BIT1	<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: 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."</p> <p>** 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	<p>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>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>

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"> • Item #8 "Fonts" Adobe PDF 1.7, CALS G4, GL/2 and RTL • Item #9 "Network" TCP/IP/SMP and LPD 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"> • 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 • 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. • Item # 5 "PDL" Adobe Post Script 3 and Adobe PDF 1.7 are not supported. Please remove, clarify or replace these requirements. • 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. • 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. 	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- BITI_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- BITI_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- BITI_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- BITI_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	“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.” 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?	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. 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

119	08_IFB-CO-15049-BITI_Book II - Part IV Statement of Work.pdf	For the migration phase, could you please elaborate the role of the Contractor and the Purchaser? Who will perform the migration of all services?	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.
120	08_IFB-CO-15049-BITI_Book II - Part IV Statement of Work.pdf	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.	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.
121	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications.pdf 3.8.2. Installation [206]	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." The NIPS will be installed only on firewalls that are not PFE? Only the software licenses for NIPS should be "provided", but not installed?	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.
122	02_IFB-CO-15049-BITI_Book I-Bidding Instructions.pdf	Please provide the document 2_IFB-CO-15049-BITI_Book I-Requirements Traceability Matrix.xls It was not received in the original bid package. 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"	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
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-BITI_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: <ul style="list-style-type: none"> • 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 https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/guide_c07-728759.html) . 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 https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728307.html

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 https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728307.html
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 https://www.cisco.com/c/en/us/products/collateral/routers/4000-series-integrated-services-routers-isr/data_sheet_c78-728308.html
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-BITI_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-BITI_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-BITI_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-BITI_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-BITI_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-BITI_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-BITI_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-BITI_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-BITI_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-BITI_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-BITI_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	The milestone of having achieved the procurement, tempesting and delivery completed by week 10 EDC for Film City seems impossible to the bidder. 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. Purchaser requested to update the delivery date requirements in SoW and Bidding Sheets.	The purchaser shall place orders for equipment at, or shortly after contract award for most of the equipment.
209	Book II part IV SoW- 3.2 and Bidding Sheets CLIN 2	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?	Yes, refer to milestone 1 and 1.1
210	Book II part IV SRS Annex A - A1.56&57&58	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.	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.

211	Book I Annex A Bidding Sheets CLIN summary and Book II part IV SoW- 4.3.4	Purchaser is requested to identify which CLINs the labor for the Migration effort needs to be assigned per site.	Achieve PSA per aplicable site
212	Book II part IV SoW- 3.2.11.1.1	Purchaser is requested to identify which CLINs the labor for the Migration effort needs to be assigned per site.	Achieve PSA per aplicable site
213	Book II Part IV SOW Annex A SRS 3.1.1 - Rack Power Distribution [103]	Should the PDU be managed?	The specification does not require the PDU to be managed.
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) (http://www.ia.nato.int/niapc), 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-BITI_Bo	In the document 02_IFB-CO-15049-BITI_Book I-Bidding Instructions, Nr. 3.6.6.1.5.5.2., it is stated th	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
244	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	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?	The Virtual Loadbalancer software will be installed on servers which will be TEMPEST certified. Basic Licences for foundation functionality shall be offered.

<p>245</p>	<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>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-BIT1_Book I - Annex A Bidding Sheets (MS Excel) and 09_IFB-CO-15049-BIT1_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-BIT1_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-BIT1_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 QSFP+ 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. Regarding 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>Please refer to the guidance in Book II, Part II – Special Contract Provisions, clause 14.1. "If any COTS products specified in the Contract are upgraded or discontinued by their original providers for commercial or technological reasons, the Contractor shall propose their substitution by the new versions that are intended as market replacement of the original products. The proposed items shall provide an equivalent or enhanced performance without a price or life-cycle support cost increase and the Contractor shall be responsible for the installation, integration and transition of data and information to the new version."</p>
<p>249</p>	<p>09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications</p>	<p>A.1.2.2 Data Center Top-of-Rack (TOR) switch 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? 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>	<p>Please refer to the guidance in Book II, Part II – Special Contract Provisions, clause 14.1. "If any COTS products specified in the Contract are upgraded or discontinued by their original providers for commercial or technological reasons, the Contractor shall propose their substitution by the new versions that are intended as market replacement of the original products. The proposed items shall provide an equivalent or enhanced performance without a price or life-cycle support cost increase and the Contractor shall be responsible for the installation, integration and transition of data and information to the new version."</p>

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) A.1.9 Virtual Host Server and Storage (Medium) 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)</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+. 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>	<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.</p>
251	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>A.1.14 Backup Server (Large) 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 requested Universal Media Bay Kit.</p>	<p>Item (20) of the specification includes a requirement for an external storage enclosure where the LFF drives shall be installed.</p>
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>	<p>Please refer to the guidance in Book II, Part II – Special Contract Provisions, clause 14.1. "If any COTS products specified in the Contract are upgraded or discontinued by their original providers for commercial or technological reasons, the Contractor shall propose their substitution by the new versions that are intended as market replacement of the original products. The proposed items shall provide an equivalent or enhanced performance without a price or life-cycle support cost increase and the Contractor shall be responsible for the installation, integration and transition of data and information to the new version."</p>
253	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	<p>A.1.27 Rack Peripherals (KVM, KVM Switch)</p> <p>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.</p>	<p>A.1.27 Item 2 specifies 16 x KVM USB Adapters. These adapters shall include a VGA connector.</p>

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?	Confirmed
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	The question mis-interprets the requirement. The Bidder may purchase devices from an Apple Authorised Reseller such as an Apple store that can enroll the device.
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?	The question mis-interprets the requirement. The Bidder may purchase devices from an Apple Authorised Reseller such as an Apple store that can enroll the device.
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: https://docs.paloaltonetworks.com/panorama/9-0/panorama-admin/panorama-overview/panorama-models.html	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: https://www.cisco.com/c/en/us/about/legal/service-descriptions.html	The requested support contract should be in the Smart Net Total Care (SNTC) formula not the SSSNT formula.

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?	The Virtual Loadbalancer software will be installed on servers which will be TEMPEST certified.
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-Labelling 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-Labelling 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-Labelling 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 ..."?	Requirement would be to provide attestation that key personnel will have a valid clearance at the time the contract award

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?	Just assert that the Key Personnel spoken and written fluency in English is compliant with STANAG 6001 language standards and proficiency levels of minimum 4343.
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	Noted. Pages 47 and 48 are attached as part of CRs
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 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.	The Virtual Loadbalancer software will be installed on servers which will be TEMPEST certified.
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	The Mailguards require TEMPEST C certification.
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	The XML-Labeling Guards require TEMPEST C certification.
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.	We confirm that SRS A.1.26 consists of .1.26.1 and A.1.26.2.
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	We confirm that A.1.28.2 is not specified in the Bidding Sheets

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>	Bidders may offer OEM vSAN ReadyNode™ validated server configuration that meets the specifications for SRS items: A.1.8 Virtual Host Server and Storage (Large), A.1.9 Virtual Host Server and Storage (Medium), A.1.10 Virtual Host Server and Storage (Small).
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<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>Bidders may offer OEM vSAN ReadyNode™ validated server configuration that meets the specifications for SRS items: A.1.8 Virtual Host Server and Storage (Large), A.1.9 Virtual Host Server and Storage (Medium), A.1.10 Virtual Host Server and Storage (Small).</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>Bidders may offer OEM vSAN ReadyNode™ validated server configuration that meets the specifications for SRS items: A.1.8 Virtual Host Server and Storage (Large), A.1.9 Virtual Host Server and Storage (Medium), A.1.10 Virtual Host Server and Storage (Small).</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)?	10G Copper Transcievers shall be offered.
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)?	10G Copper Transcievers shall be offered.
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?	The Bidder shall offer the items that meet the specifications for Media Converter items specified for A.1.42 to A.1.45 in the SRS
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.	The locations are correct. The separation in the bidding sheets is related to several factors internal to the project that will be clarified after Contract award
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?	Reference should read Clause 28

296	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	<p>A.1.32 A3 Printer</p> <p>A.1.34 A0 Plotter/Scanner Combi Device + Media Converters</p> <p>A.1.35 A0 Plotter + Media Converters</p> <p>what exactly is the required amount of media converters, and which LC or SC converters?</p> <p>9) Media Converter (Media Converter to 1000Base-SX: Allied Telesis AT-MMC2000/LC Converter)</p> <p>10) Media Converter (Media Converter to 100Base-SX: Allied Telesis AT-MMC200/SC Converter)</p>	The Bidder shall offer all the items specified in A.1.32 to A.1.35 this includes both the Media Converters specified at item 9 and item 10
297	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	<p>A.1.25 Proxy device</p> <p>In order to offer you a valid replacement for the outdated BlueCoat 510-10 ProxySG device, we have a few questions:</p> <p>What is average volume of traffic (throughput) through proxy (Mbps) and volume of traffic in peaks (HTTP / HTTPS)?</p> <p>What is the highest number of proxy connections made during the day?</p> <p>What is number of proxy users (total employees)?</p> <p>Do you have requests to upgrade to Office 365 because of device performance?</p>	As specified in SRS section A.1.25 requirement 5, the proxy must support 1000 concurrent users.
298	SOW Specifications for Tempest Products	<p>In addition to TEMPEST system environments, a TEMPEST universal power supply filter is also required for complete protection against data tapping.</p> <p>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?</p> <p>To our understanding, if there is no high attenuation wide-range filter available or the dimensions are insufficient, there is no complete TEMPEST protection.</p> <p>This would make it necessary to use additional TEMPEST universal power supply filters for each system.</p>	In general, the Contractor is not responsible for providing power supply filters for TEMPEST protection. Refer to the answer to clarification request 15 for a situation in which Contractors have the option to provide such a power supply filter.
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>	Once Final System Acceptance has been achieved, if a TEMPEST system is moved during its operational lifetime, the Contractor is not responsible for maintaining TEMPEST protection.

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>	<p>a) For each TEMPEST-certified device, the Contractor must provide the corresponding TEMPEST certificate, as specified in SOW section 3.2.3.5. The information on the TEMPEST certificate, combined with the presence of TEMPEST seals, will suffice to identify the TEMPEST-certified devices.</p> <p>b) The Contractor is not responsible for TEMPEST-certifying power cables.</p>
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>	<p>Repair of TEMPEST-certified devices is carried out in the same fashion as non-TEMPEST-certified devices. Once Final System Acceptance has been achieved, if a device undergoes service that invalidates its TEMPEST certification, the Contractor is not responsible for re-certifying the device.</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>	<p>Once Final System Acceptance has been achieved, if the device undergoes service that invalidates the TEMPEST certification, the Contractor is not responsible for re-certifying the device.</p>
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>	<p>Yes, a spares pack will be defined after the site survey has taken place.</p>
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>	<p>TEMPEST certification is required at the device level. TEMPEST racks containing non-TEMPEST-certified devices is not an acceptable solution.</p>
305	SOW Specifications for Tempest Products	<p>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.</p>	<p>In general, the Contractor is not responsible for providing power supply filters for TEMPEST protection. Refer to the answer to clarification request 15 for a situation in which Contractors have the option to provide such a power supply filter.</p>
306	SOW Specifications for Tempest Products	<p>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.</p>	<p>Once Final System Acceptance has been achieved, if a TEMPEST system is moved during its operational lifetime, the Contractor is not responsible for maintaining TEMPEST protection.</p>

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.	Yes, only new equipment is to be offered.
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.	The XML-Labeling Guards require TEMPEST C certification.
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?	The purchasers SLA shall be made available during the site survey.
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.	Bidders shall use the specifications provided and offer equipment that meets or exceeds the specifications provided in the SRS.
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?	The established management platform will be maintained. No additional software licences are considered necessary at this time.
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?	The Virtual Loadbalancer software will be installed on servers which will be TEMPEST certified.
313	09_IFB-CO-15049-BITI_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 ?	The established management platform will be maintained. No additional software licences are considered necessary at this time.
314	SOW A.1.47	Based on past experience with NATO we are aware that sometimes there is a need to install a specific SSD into rugged notebooks capable of meeting defined encryption requirements. Specifically, a NIAPC approved Viasat Eclipt encrypted hard drive is sometimes required and these SSDs are only available as a 2.5" SATA drives. The current SoW requirements for A.1.47 do not require a SATA connection and the minimum requirement refers to an M.2 style SSD. Can you please confirm that a SATA connection is not required?	The Rugged Notebook (A.1.47) shall provide a SATA interfaces / connection that supports the NIAPC approved 2.5" inch Viasat Eclipt Encrypted SSDs.

315	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	Are TEMPEST certified equipment in NATO SDIP-27 Level B meant for use in power protected facilities (ER testing only without black line test)?	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.
316	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications	Are TEMPEST certified equipment in NATO SDIP-27 Level C meant for use in power protected facilities (ER testing only without black line test)?	For devices requiring Level C certification, Radiated Emission certification is sufficient.
317	Book I – Bidding Instructions, A.3.2. General Pricing Requirements	Is the equipment delivered for NATO projects to non-NATO countries subject to customs duties, VAT, taxes under local laws or is it exempt from the mentioned financial obligations?	NATO has no jurisdiction for deliveries to non nato countries. Duties unrecoverable duties payable on nion nato counties will be paid as an equitable adjustment if necessary.
318	Part IV, Statement of Work, Annex A System Requirement Specification Technical Refresh of Balkans IT Infrastructure IFB-CO-15049-BITI, 03 June 2020, page 29-32	Do you have SafeCom licenses for the devices: A.1.31, A.1.32, A.1.34 and A.1.35, or we must include it in our calculation?	The SafeCom licence CLINs are specified in the Bidding Sheets
319	Part IV, Statement of Work, Annex A System Requirement Specification Technical Refresh of Balkans IT Infrastructure IFB-CO-15049-BITI, 03 June 2020, page 29, item #6, page 30 item #10, page 31 item#9	Minimum requirement for the items: A.1.31, A.1.32, A.1.34, A.1.35, is "Pull printing". Pull printing is a printing feature where a user's print job is held on a server or on a user's workstation and released by the user at any printing device (pulled to the device) which supports this feature. Could you please confirm that Pull printing functionality must be implemented through SafeCom software?	Yes this is specified in A.1.51 of the SRS

320	Part IV, Statement of Work, Annex A System Requirement Specification Technical Refresh of Balkans IT Infrastructure IFB-CO-15049-BITI, 03 June 2020, page 29, item #7, page 30 item #11, page 31 item#10	Minimum requirement for the items: A.1.31, A.1.32, A.1.34, A.1.35, is "Secure Print RFID Card Reader". Are you planning to use "Secure Print RFID Card Reader" for the Pull printing and access control at printer?	Yes this is specified in A.1.51 of the SRS
321	Part IV, Statement of Work, Annex A System Requirement Specification Technical Refresh of Balkans IT Infrastructure IFB-CO-15049-BITI, 03 June 2020, page 29-32	Is it acceptable to offer Kofax Ethernet Card Readers or SafeCom embedded licenses for all local devices (A.1.31, A.1.32, A.1.34, A.1.35) are mandatory?	Yes it acceptable to offer Kofax Ethernet Card Readers and SafeCom embedded licenses for items A.1.31, A.1.32, A.1.34, A.1.35 in the SRS.
322	Part IV, Statement of Work, Annex A System Requirement Specification Technical Refresh of Balkans IT Infrastructure IFB-CO-15049-BITI, 03 June 2020, page 32	Minimum requirement for the item A.1.36, is "Secure Print RFID Card Reader". Are you planning to use "Secure Print RFID Card Reader" for access control at Digital Sender via SafeCom software?	Yes

323	6_IFB-CO-15049-BITI_Book II- Part IV SOW Annex A AMD-2 Part IV, Statement of Work, Annex A System Requirement Specification	<p>A.1.8 Virtual Host Server and Storage (Large) (41) All server and storage equipment shall be sourced from a mainstream brand manufacturer that has a support and warranty channel that cover the geographical scope of this Contract and shall include, but are not limited to: Hewlett Packard, Dell, Lenovo, NetApp, IBM etc, in order to replace existing branded equipment. with included options that match minimum technical specifications shall be sourced from a mainstream brand manufacturer that has a support and warranty channel that covers the geographical scope of this Contract and shall include, but are not limited to: Hewlett Packard, Dell, Lenovo, NetApp , IBM etc, in order to replace existing branded equipment“ may be applied to the following items ; A.1.8 Virtual Host Server and Storage (Large) A.1.9 Virtual Host Server and Storage (Medium) 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) A.1.16 GEO Datastore (10 TB, low performance)</p>	Yes
324	6_IFB-CO-15049-BITI_Book II- Part IV SOW Annex A AMD-2 Part IV, Statement of Work, Annex A System Requirement Specification	<p>A.1.8 Virtual Host Server and Storage (Large) (41) All server and storage equipment shall be sourced from a mainstream brand manufacturer that has a support and warranty channel that cover the geographical scope of this Contract and shall include, but are not limited to: Hewlett Packard, Dell, Lenovo, NetApp, IBM etc, in order to replace existing branded equipment. Could you confirm that rule “All server and storage equipment together with included options that match minimum technical specifications shall be sourced from a mainstream brand manufacturer that has a support and warranty channel that covers the geographical scope of this Contract and shall include, but are not limited to: Hewlett Packard, Dell, Lenovo, NetApp , IBM etc, in order to replace existing branded equipment“ may be applied to Tape Library and Tape Media; A.1.17 Tape Library A.1.18 Tape Media</p>	Yes

325	5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 (.PDF)_Corrigendum 2	<p>Could Purchaser explain if migration is included in the paragraph 4.3.4.1 or in paragraph 1.2.4?</p> <p>Could Purchaser explain where to put cost for travel, labor, for required support for migration service?</p> <p>4.3.4. Provisional Site Acceptance (PSA)</p> <p>4.3.4.1. The Contractor shall support the migration and transition of equipment and services from the existing environment to the new environment including the migration of data (including user data) so that users can access their migrated data. The Purchaser will identify the user data to be migrated.</p> <p>1.2.4 Additional engineering support shall be made available on a Level of Effort (LoE) basis to provide engineering support for Migration, Security Accreditation and Post Migration Support tasks which will be ordered (if required) in accordance with the task ordering process detailed at Clause 29 of the Contract Special Provisions. Each specific role and its requirements can be satisfied through more than one professional (up to 5 professionals to complete requirements) that can fulfil the overall job description.</p>	<p>Migration is specified in both paragraphs 4.3.4.1 and 1.2.4 of the SoW. The costs for travel and labor for the required support for migration shall be entered into the respective tabs in the Bidding Sheets.</p>
326	Book II - Part II - Contract Special Provisions AMD-2	<p>The payment terms proposed in the Special Contract Provision paragraph 7 are very unbalanced with majority of the payments at the end of the contract. As an example, all project activities in CLIN 1 supposed to be invoiced at acceptance of FSA. Few to none intermediate payment milestones in between site survey and PSA/FSA. Can the purchaser please review the payment terms, introduce potential other intermediate payment milestones to make the payment terms more balanced and more similar to other similar NCIA contracts where partial payments are made throughout the contract period based on intermediate milestones.</p>	<p>Sorry not at the bid stage, adjustments might be possible over the course of the contract and it would be discussed with the winning bidder if they have an issue.</p>
327	Book I - Annex A - Bidding Sheets AMD2 CLIN summary	<p>Can the Purchaser please consider to augment and split the SSS breakdown of CLIN 3 into Sub CLINs that corresponds to how the project will be implemented and to make it clear for the Bidders what to be included in the CLINs, like system design and documentation, installation/implementation, system configuration, migration and PSA testing?</p>	<p>Description of the required activities is provided in the SOW sections 3, 4 and Annex A SRS.</p>

328	Book I - Annex A - Bidding Sheets AMD2 CLIN summary	<p>The SDS for KFOR HQ should be completed according to the SSS at EDC +8 weeks. For CLIN 6.1 KFOR HQ (MS, NS, NU), except CLIN 6.1.2 and 6.1.3, have a completion date at EDC+10 weeks. CLIN 5.7 Packing, Handling, Storage and Transportation KFOR HQ should be completed at EDC + 10 weeks. All these formal completion dates combined shows that there is only 2 weeks gap between the acceptance of the design by NCIA and the delivery of the equipment at site. In this timeframe procurement, manufacturing, tempesteing, shipment and final delivery shall be performed formally. This is unrealistic.</p> <p>Even if one placed the order of the equipment before acceptance of the design at for instance EDC the completion date of EDC + 10 weeks for the delivery of the HW/SW at KFOR HQ is still unrealistic especially for the equipment required to be tempested.</p> <p>Special Contract Provision has clauses for liquidated damages applied to any applicable milestone on the SSS which is seen the context above unfair.</p> <p>Can the Purchaser please revisit the milestones for KFOR HQ site and make it more realistic to for instance EDC + 16 weeks?</p>	<p>The equipment that has EDC +10 weeks ETA shall be ordered at EDC and if any discrepancies, shall be supplimented after Site survey. EDC+16 weeks is not viable for the timeline of the project.</p>
329	Book I - Annex A - Bidding Sheets AMD2 CLIN summary	<p>There seem to be a mismatch between some of the required completion dates in the SSS. Procurement of KFOR HQ HW/SW delivered at latest EDC + 26 weeks (CLIN 6.1.2 and 6.1.3). CLIN 3,5 Achieve PSA KFOR HQ to be performed at latest EDC + 22 weeks. The Bidder would assume that all equipment for KFOR HQ should be part of the formal PSA and not delivered after PSA. Please clarify?</p>	<p>Bidding sheets corrected to reflect EDC+10 weeks. All equipment in section 6 of bidding sheets will need to part of the KFOR HQ PSA.</p>
330	Book I – SOW 3.3.4 Annex A Amd 2 Bidding Sheets AMD2 CLIN summary	<p>The definition and scope of the migration tasks in the SoW is not clear to the Bidder. Please clarify and make it clear what detailed tasks and effort the Purchaser intends to be included in CLIN 3 Achieve PSA per site and per equipment type and what to be included in CLIN 7 Engineering Support?.</p> <p>As an example 3.3.4 SOW Annex A Amd 2, should replacing an existing network router/switch into the operational network be considered a migration task of network segments and users be part of CLIN 3 Achieve PSA per site or CLIN 7 Engineering Support?</p>	<p>Bidders should refer to paragraph "1.1.3. The SOW describes the scope of the project deliverables to be provided by the Contractor which includes Core Contract tasks and Optional Level of Effort (LoE) Engineering Support for additional engineering activities; and paragraph "1.2.4 Additional engineering support shall be made available on a Level of Effort (LoE) basis to provide engineering support for Migration, Security Accreditation and Post Migration Support tasks..."</p>
331	Book I - Annex A - Bidding Sheets AMD2 CLIN summary	<p>Can the purchaser confirm that onsite secure storage will be available for early delivered HW vs the achieve PSA date, i.e. CLIN 5.8/6.5 HW delivered at the site in week 26 EDC and achieve PSA CLIN 3.9 milestone at week 53 EDC</p>	<p>Confirmed. Details to follow during Site survey.</p>
332	Book II – Part IV – SoW AMD 2 Table 1 Locations and Networks to be implemented	<p>Experience from the sites identified in the SoW shows that escorts are required on site. As a consequence access control for various Class 1 installation areas the Contractor has experienced significantly reduced working hours, can the Purchaser please clarify workable business hours for all the sites so detailed installation effort can be calculated?</p>	<p>Detailed working hours schedule will be defined after site survey and included in the PIP and PMP. Unavailability of escorts on site in Class 1 areas will not be considered fault of the Contractor.</p>
333	Book II – Part IV – SoW Annex B section 1.2 AMD 2 Annex A section 1.5.9 Amd 2 Section 3.2 Milestones	<p>The Purchaser confirms they will not identify the existing PFE list. Can the Purchaser confirm if there are any PFE dependencies on the Bidders work/effort to achieve PSA/FSA that needs to be taken into account and is not specified in the SoW?</p>	<p>All known PFE dependencies have been mentioned in the SoW, any unknown PFE dependencies shall be identified during the site surveys.</p>

334	Book II – Part IV – SoW Annex A Section 3.5.2 AMD 2	Can the Purchaser confirm that the Contractor will need to be given access to the existing IT servers and services, by use of domain administrator passwords, in order to install the new IaaS equipment to be delivered? Can the Purchaser also indicate the level of security clearance required for the Bidder to be able to configure on domain admin level?	The required Contractor security clearances are described in SoW paragraph "4.1.3. Security Requirements". Some installation and engineering activities may require use of administrative rights.
335	Book II – Part IV – SoW Annex A – SRS AMD 2 3.3.1 - req. [107]	Is it the Purchaser expectation that the existing obsolete routers to remain in service in parallel with the new replacement routers for a period of time (if so how long) or will the new routers be replaced directly into the live network? If the router is to be replaced directly into the live network the assumption is that all dependant user access switches and end users needs to be migrated at this point of time also. Please confirm? As noted any upgrade is assumed to be conducted out of hours will NCI and local support be available to support transition	The Contractor shall describe the installation plan as outlined in SoW paragraph "4.3.2. Site Implementation Data Package (SIDP)"
336	Reserved	Reserved	
337	Book II – Part IV – SoW Annex A – SRS AMD 2 1.3 req [6] and 3.2 – req. [101] (2)	The SoW is contradictory regarding the requirements for vertical cabling. Section 1.3 (6) states that vertical cabling between room inside and outside buildings are the responsibility of the Purchaser. Section 3.2 (101) states that the Contractor is responsible for provide and install network cabling for both inter rack connections and inter room connections. Can the Purchaser please clarify the Contractors responsibility regarding vertical cabling?	Section 1.3 (6) takes precedence.
338	Book II – Part IV – SoW Annex A – SRS AMD 2 3.2 – req. [101] (2)	Does the inter room cabling requirement indicate that sufficient single mode campus wide cabling must be installed between Core equipment and Access switch locations at all sites?	The amount of available single mode cabling across the campus will be determined during the site survey.
339	Book II – Part IV – SoW Annex A – SRS AMD 2 2.6.1 - req. [72]	How are the current PABX Analogue lines at the 6 Buildings in Bosnia presented and terminated (Punchdown telco block/RJ11 or RJ45 Patch Panel). Is there an expectation for the Contractor to provide hardware and to re-terminate these lines into RJ45 Patch panel for patch cable connection to the Voice Gateway?	The points made shall be identified during the site survey and specified in the SIDP
340	Book II – Part IV – SoW Annex A – SRS AMD 2 3.1.1 - req. [92]	Can the Purchaser please provide more details on the power consumption for the currently installed equipment in order for the Bidder to be able to size the UPS with +30% spare capacity and 10 minutes backup power runtime?	This shall be identified during the site survey and specified in the SIDP
341	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.10	Could the purchaser please confirm the quantity of the required memory modules (Item#4)? Since dual CPU server configuration is required, the quantity of the memory modules should be change from 1 to 2 for balanced system configuration	2 x 16GB memory modules can be provided
342	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.10	Could the Purchaser please confirm if the quantity of Item#5 should be 1 instead of 4?	The SRS item has been amended. Item 5 should be quantity 1.

343	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.10	Could the purchaser please confirm if the quantity of Item#6 should be 1 instead of 4?	The SRS item has been amended. The Item should be quantity 2.
344	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.10	Could the purchaser please confirm if the quantity of Item#14 should be 1 instead of 6?	The SRS item has been amended. The item should be quantity 1.
345	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.10	Could the purchaser please confirm if the quantity of Item#15 should be 2 instead of 6?	The SRS item has been amended. The item should be quantity 2.
346	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.12	Could the Purchaser please confirm that the server configuration should include one "2U Small Form Factor Easy Install Rail Kit " like the rest of the server configurations for proper Rack installation?	The SRS item has been amended. The server configuration should include one "2U Small Form Factor Easy Install Rail Kit".
347	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.13	Could the Purchaser please confirm that the server configuration should include one "2U Small Form Factor Easy Install Rail Kit " like the rest of the server configurations for proper Rack installation?	The SRS item has been amended. The server configuration should include one "2U Small Form Factor Easy Install Rail Kit".
348	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.14	Could the Purchaser please confirm that the server configuration should include one "HPE DL38X Gen10 High Performance Temperature Fan Kit " ?	The SRS item has been amended. The server configuration should include a High Performance Temperature Fan Kit "
349	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.3.1	Can the purchaser please confirm if the Item# 15-19 can be removed from the A.1.3.1 ? It seems that these items are already included under Item# 1- 5. Please refer to CQ# 165.	Items #15-19 are indeed resulting from copy&past error and should be disregarded. The requested items are covered in lines #1-5
350	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.3.4	The description of SRS [25] – A.1.3.4 (C9300-48P-E) should be (C9300-48T-E). Please refer to CQ# 46	SRS entry [25] contains incorrect reference to C9300-48P-E, the request switch platform for A1.3.4 should be C9300-48T-E (non-PoE version)

351	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.3.5	The description of SRS [27] – A.1.3.5 (C9300-24P-E) should be (C9300-24T-E). Please refer to CQ# 46	SRS entry [27] contains incorrect reference to C9300-24P-E, the request switch platform for A1.3.5 should be C9300-24T-E (non-PoE version). The SRS has been corrected.
352	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.22	According to the answer on the Technical Clarification Question#261: A total of 12 NIPS licences are required, including 4 for existing firewalls and 8 for new firewalls. However, there are 9 NEW firewalls required in CLIN 6 and CLIN 12 (described as A.1.20). Could the purchaser please confirm the number of the New Firewalls and NIPS Licences required? Please also update the Bidding Sheets quantity accordingly.	A total of 12 NIPS licences are required, including 4 for existing firewalls and 8 for new firewalls. The 9th new firewall in CLIN 6.4.9 does not require a NIPS licence. No update to the Bidding Sheets is required.
353	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.25	Could the purchaser please specify what is the required "network throughput in Mbps" of the Proxy Device?	As specified in SRS section A.1.25 requirement 5, the proxy must support 1000 concurrent users.
354	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.25	Could the purchaser please confirm if the requirement for "Keyboard, video and mouse (KVM) over Ethernet" is not mandatory and can be removed from the SRS? Most of the Proxy Appliances on the market run on purpose built appliances that do not have a keyboard/mouse/video connection. The connection is provided using a console or https/ssh (over ethernet).	The SRS item has been amended. The requirement for "Keyboard, video and mouse (KVM) over Ethernet" is not mandatory.
355	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.35	The specification of A.1.35 should be corrected. The system description is for A0 plotter and the specification is referring to A1 plotter. Please also refer to CQ# 99.	The SRS item has been amended. The description of A.1.35 should be "A1 Plotter + Media Converters"
356	Book II – Part IV – SoW Annex A – SRS AMD2 Annex A A.1.40	The description of item#5 of A.1.40 should be corrected. Please refer to CQ# 17 (screen size of 30" (76.2 cm) to 300" (762cm) is acceptable. The equipment specification is being corrected in the Q&A and indicated to be updated in the IFB, but this has not yet been done. Could you please update the IFB accordingly?	The SRS item has been corrected.
357	Book I - Annex A - Bidding Sheets AMD2 CLIN 12.4.9	Could the purchaser please indicate in the bidding sheets what is the required Tempest level for CLIN 12.4.9. According to CQ#57 it should be COTS.	No TEMPEST testing required for the TAPE media. The mention is added for reference that it will be used in a TEMPEST tested device. Therefore the CLIN is COTS.

358	Book II – Part IV – SoW Annex A – SRS AMD2 Section 3.8.3 and CR#71, CR#268	<p>The Purchaser response to CR#268 states that the Purchaser is unable to specify a brand and model for the XML Labelling Guard. There are no XML Labelling Guards available in the market that are fully compliant to the requirements in SRS section 3.8.3 which are included in the NATO Information Assurance Product Catalogue (NIAPC) (ref. CR#71). Considering that offering an XML Labelling Guard under the assumption that it might become part of the NIAPC in the future and with the tight schedule for this project will lead to challenges and delays in the implementation and non-compliance</p> <p>Can the Purchaser please indicate which XML Labelling Guard they have in mind and want (brand and model) based on the requirement issued?</p> <p>If not able to provide this information, the Bidder suggest this item to be provided as PFE as part of this project.</p>	The proposed XML Labelling Guard manufacturer and product are required to be on the NIAPC if not already included. The Bidder shall describe any delays, risks, or non-compliance to the requirements in SRS section 3.8.3 within their proposal.
359	Book II – Part IV – SoW Annex A – SRS AMD2 Req. 170	<p>The CR response #290 is not answering the question asked.</p> <p>None of the specified server configurations can fulfil the requirement for the 270TB of Raw storage.</p> <p>Can the Purchaser please revisit the specifications stated in Requirement [170] to allow for compliant server configurations to be offered.</p>	The SRS item has been amended. The 270TB of Raw storage is an estimate and shall be reviewed during the site survey and design activity
360	Book II – Part IV SoW Annex A SRS Annex A AMD2	<p>The Purchaser has with AMD2 made changes to the SOW and SRS and other documents. The changes have been presented in Word versions of the “Book II - Part IV SOW Annex A AMD-2 “Track Changes” versions (.Word)” and “Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 “Track Changes” versions (.Word)” by using “Tracked Changes”.</p> <p>The Bidder has identified various instances where these *Tracked Changes” are not reflecting the changes indicated in the Clarification Request responses and as well instances where new requirements and/or specifications are introduced without any Clarification Request responses made or linkage to them. Other requirements/specification are also deleted without any notification from NCI..</p> <p>Can the Purchaser please provide accurate and updated IFB documentation including Bidding Sheets that reflect all the changes, deletions, additions made in the IFB documents?</p>	This has been corrected in the corrigendum versions of amendment 2.
361	Responses to Clarification Requests 4 Distribution	The response to CR#256 is not answered, it seems that the response from CR#255 is copied. Can the Purchaser please provide a correct response to CR#256?	The SRS item has been corrected.

362	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications.pdf A.1.10 Annex A	The item no. 20 (iLO Advanced Non Blade - 3yr Support) is included according HPE, in the item no. 16 (iLO Advanced 1-server License with 3yr Support on iLO Licensed Features). Could you please confirm that item 20 is required or not ?	SRS item A.1.10 has been corrected .
363	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications.pdf A.1.10 Annex A	The item no. 21 (DL38x Gen10 Support) is included in the item no. 19 (3Y Foundation Care 24x7 wDMR SVC). Could you please confirm that item 21 is required or not ?	SRS item A.1.10 has been corrected.
364	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications.pdf A.1.10 Annex A	Could you please confirm if the quantity of 4 is correct for the items no. 5 and 6?	SRS item A.1.10 has been corrected .
365	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications.pdf A.1.10 Annex A	Could you please confirm if the quantity of 6 is correct for the items no. 14 and 15? From manufacturer answer this qty cannot be built.	SRS item A.1.10 has been corrected .

366	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications.pdf A.1.15 Annex A	The item no. 1 (2U Rack Server DL380 Gen10 8SFF CTO) cannot accommodate item no. 7 (12TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Helium 512e Digitally Signed Firmware HDD), and there is no D3610 Encloser included in A.1.15 distribution. Could you please confirm that the items are distributed correctly?	SRS item A.1.15 has been corrected.
367	T.6 09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications.pdf A.1.14 – A.1.19 Annex A	If from the manufacturer perspective (hardware config builder functionality), some features must be added to the device distribution list in order to be operational, and these items don't appear in the Annex A document, should these extra features be added?	Yes, many of these SRS items have been corrected
368	Book II Part IV, Annex A, A.1.38 Pg. 32	ontrast ratio's have a tendency to be hyper inflated. The differences between most major projector manufacturers in contrast ratio is unable to be detected by the naked eye. A contrast ratio of 3M : 1 seems unrealistic expectations. Based on research no 3M contrast ratio projector could be found. Confirm that the 3M is either an error or remains a requirement. If it is a requirement can the requirement writer provide an example, as a number of major projector manufacturers would like to know.	The projector specifications in the SRS have been corrected.
369	Book II Part IV, Annex A, A.1.39 Pg. 33	Note this question was asked earlier (Question 104), however the require does not make sense and is impractical, let alone available. Technically no medium projector can meet that large screen size. Note 15m is very large. The requirement is probably a typo, may be it should have been 40 cm to 600 cm in that case there are models that can meet the requirement. Please confirm that this is a typo and the realistic 600 cm requirement is acceptable. If the 15m requirement remains, can the requirement writer provide an example, as a number of major projector manufacturers would like to know.	The projector specifications in the SRS have been corrected.

370	"Book II Part IV, Annex A, A.1.31 to A.1.36 Pg. 29- 32"	There is an issue with the frequency employed by the MiFare RFID card reader and card, and Tempest acceptance. The tempest community is of the understanding NATO has not yet resolved or provided guidance for this issue. Please confirm that NATO has either provided clarification or will in time for the certification of the printer's MiFare RFID reader.	The Bidder shall offer equipment that meets the specifications described in the SRS. If investigations conclude that the equipment no longer meets TEMPEST standards then an amendment will be issued.
371	Book II, Part IV, Para 3.2.3.5.3, Page 20	Please confirm that only NATO-authorized Tempest suppliers found on the NIAPC web site are suitable, while EU only Tempest certified suppliers are not.	The Bidder shall offer equipment that meets the specifications described in the SRS. If investigations conclude that the equipment no longer meets TEMPEST standards then an amendment will be issued.
372	"Book II Part IV, Annex A, A.1.23 Pg. 26 & Section 1 thru 3.8.3 "	Clarification Question 232, seeks clarification regarding the network configuration of the XML-Guard, but it is not clearly addressed. Annex A of the SOW states that two (2) XML Guards will be supplied to the purchaser, however only one (1) XML Guard is discussed in the networking sections 1 & 2. Based on the descriptions of the other components it appears the XML-Guards are to be installed in a High Availability (HA) and high throughput configuration. Please confirm that one (1) set or pair of guards configured and operating in one location, maybe separate racks, and that provide a HA and load balancing to an improve throughput capability between the NS and MS domains is acceptable the customer.	There is no requirement for HA or load balancing for the XLGs. The intention is to have one of the two XLG appliances operational at any given time.

373	Book II part IV SOW Annex A – SRS 3.8.3 and Book II part IV SRS Annex A - A.1.23 Question 71	Considering that none of the COTS products listed in the in the NATO Information Assurance Product Catalogue (NIAPC) can fulfil all tender requirements for XML Guard, please confirm that NATO will accept a custom solution to be developed during the project execution.	Bidders are invited to propose any solution for the XLG, including a custom solution. However, the proposed XLG manufacturer and product are required to be on the NIAPC if not already included. Also, the Purchaser draws attention to the certification requirement in SRS section 3.8.3 paragraph [225], which states the XLG shall be evaluated to Common Criteria (CC) Evaluation Assurance Level (EAL) 4+ or national equivalent. The Bidder shall describe any delays, risks, or non-compliance to the requirements in SRS section 3.8.3 within their proposal.
374	Ref. IFB-CO-15049-BITI Book II Part IV, Section 9, paragraph 9.1.1 Question 71 Question 234	Please state if only one Security Accreditation Authority (SAA) will be involved or multiple SAAs (one for each Nation hosting the sites) will be involved in the Security Accreditation Process.	Only one Security Accreditation Authority (SAA) will be involved.
375	N/A	Is it permitted to offer in principle the follow-up products for products that go end of life?	Please refer to the guidance in Book II, Part II – Special Contract Provisions, clause 14.1. "If any COTS products specified in the Contract are upgraded or discontinued by their original providers for commercial or technological reasons, the Contractor shall propose their substitution by the new versions that are intended as market replacement of the original products. The proposed items shall provide an equivalent or enhanced performance without a price or life-cycle support cost increase and the Contractor shall be responsible for the installation, integration and transition of data and information to the new version."
376	SOW A.1.12; Bidding Sheets CLIN 6.6.30	As described in the SOW configuration this product should be Tempest C but CLIN 6.6.30 in the bidding sheets does not state this information. Please confirm if 6.6.30 should be Tempest C.	The server in CLIN 6.6.30 requires TEMPEST C certification.

377	2_IFB-CO-15049-BITI_Book I-Bidding Instructions AMD-2 (.PDF) 2.14. Bid Guarantee	Is it possible to post the required Guarantee in cash via direct bank deposit? If so, can NCIA provide the instructions regarding direct bank deposit?	no it is not possible to post the bid Guarantee in cash
378	FB-CO-15049-BITI_Book I – Bidding Instructions, section 3.6.6.1.5.5.	Requirements related to requirements tracing are unclear, please confirm: 1. Cross Reference – Traceability Matrix will be completed by the bidder using Annex F (stated in Bidding Instructions). It is not required from the bidder to extend the Annex F table by more detailed requirements, correct? 2. Requirements Traceability Matrix (RTM) will be prepared by the bidder and state all the requirements in Book II – Part IV SOW Annex A including the Bidders statement how to fulfil each requirement, correct? It is not required from the Bidder to provide a requirements Traceability Matrix for requirements stated in Book II – Part IV SOW Annex B, correct?	1. Yes 2. Yes. Being part of the Engineering proposal the functional requirements and deliverables stated in Section 1(SRS) will need to be detailed in the RTM as well using the guidance in Section 2 and 3(SRS). No RTM entries needed for the PFE Annex B in SOW in the bidding phase.
379		NATO have developed their own XML Guard capability in the past. Can the requirements be met by this NATO Product?	Assuming the question refers to the NC3A guard developed as part of the Intel Toolbox solution, this NATO Product does not meet the requirements as stated in section 3.8.3 of the SRS. The Purchaser is unable to comment on the applicability of this NATO Product in future NATO projects.
380	SOW, A.1.40	After consultation with various manufacturers, we cannot find a suitable product for the product listed in the SOW under A.1.40. The Optoma W335e Projector (E1P1A1YBE1Z1) complies with all features except the screen size. Would this product be acceptable as an alternative?	The projector specifications in the SRS have been corrected .
381	IFB-CO-15049-BITI_Book I – Bidding Instructions, section 3.6.6.1.4	Please confirm if we understand correctly the requirements related to Management proposal. Specifically: 1. Draft Project Management Plan (section 3.6.6.1.4.4) – the bidder will provide as part of the bid a draft PMP in accordance with requirements specified in Book II – Part IV SOW – Annex B, Section 4.1.4, including Section 7. Correct? 2. Draft Project Management Plan (section 3.6.6.1.4.4) – the bidder will not provide as part of the bid a draft PMS, PBS, PIP and Documentation Delivery plan in accordance with requirements specified in Book II – Part IV SOW – Annex B, Section 4.1.5., 4.1.6, 4.1.7 and 4.1.8. or any other document stated in Section 4. Correct?	1. Correct. 2. As clearly detaild the PBS(4.1.6.2) and PMS(4.1.5.2) shall be part of the initial PMP as details become more clear.PIP will be due before implementation as stated in 4.1.7.2 in the SOW and the Document Delivery plan will be due as stated in 4.1.8.1.

382	IFB-CO-15049-BITI_Book II – Part IV – Annex C Key Contractor Personnel	<p>Annex C Key Contractor Personnel contain the following points:</p> <p>C.1.3.The Bidder shall provide CVs for all identified key personnel that comply with the requirements described in the tables below.</p> <p>C.1.4.Supporting personnel are essential to the Project but are not identified as key personnel ... Do we understand the requirements correctly, that the bid will contain CVs for the Key Contractor Personnel specified in section “C.2 Key Contractor Personnel”, but not CVs for personnel specified in section “C.3 Supporting Personnel”?</p>	<p>Correct. Supporting personnel CV’s will not be part of the bid evaluation but they will need to be available for the project and their labour costs will be included in the various tasks needed to achieve the CLIN’s.</p>
383	IFB-CO-15049-BITI_Book I – Bidding Instructions, section 3.6.6.1.5.5.3	<p>Requirement 3.6.6.1.5.5.3 states: “The Bidder shall provide a description for each type of equipment or software in the SRS (ANNEX A Hardware and Software REQUIREMENTS) matching the SRS table format for each specific item.”</p> <ul style="list-style-type: none"> Do we understand the requirements correctly, that RTM (Requirements Traceability Matrix) must contain the requirements on such a level of detail that for each type of equipment or software and for each row in SRS table the bidder will state the proposed product or component. Is it correct? <p>What is the scope of RTM? We assume that only requirements in System Requirements Specification, Annex A will be included in RTM, correct?</p>	<p>Yes. Being part of the Engineering proposal the functional requirements and deliverables stated in Section 1(SRS) will need to be detailed in the RTM as well using the guidance in Section 2 and 3(SRS)</p>
384	IFB-CO-15049-BITI_Book I – Bidding Instructions, section 3.6.6.1.5.5.1	<p>Requirement 3.6.6.1.5.5.1 states:” The Bidder shall provide a Requirement Traceability Matrix (RTM) in accordance with SOW clearly identifying how it aims to fulfil each requirement.”. Book II – Part IV SOW Annex A contain sections that specify the contractor scope (Section 1) and System design (Section 2 and Section 3). In order to address these three sections, the bidder would need to prepare an initial draft of System Design and initial draft of PMS (Project management Schedule), PBS (Project Breakdown Structure) and PIP (Project Implementation Plan) documents. Our understanding is that the above-mentioned documents are not part of the bid, correct? If our understanding is correct, then requirements stated in section 1, 2, and 3 of Book II – Part IV SOW Annex A are informative and does not require to be addressed by the bidder, correct?</p>	<p>Please see answers to CR's 383 and 381.</p>
385	IFB-CO-15049-BITI_Book II – Part IV SOW Annex A	<p>The purchaser defined the “System Design” in Section 2 and 3 (Book II – Part IV SOW Annex A) and also defined a detailed “System Specification” in Book II – Part IV SOW Annex A – Annex A and “System quantities” in Book I – Annex A Bidding Sheets. We assume that any discrepancy between the System Design, System Specification and System Quantities is in N CIA responsibility and is not a reason for the bidder’s non-compliance. Is our assumption correct?</p>	<p>Correct. Any discrepancies will be addressed in Corrigendum to amendment 2 or after Site survey.</p>

386	IFB-CO-15049-BITI_ Book II – Part IV SOW Annex A & B and IFB-CO-15049-BITI_ Book I – Bidding Instructions	<p>It is not clear that which requirements stated in Book II – Part IV SOW Annex A and Book II – Part IV SOW Annex B are subject to evaluation. Requirement 3.6.4. states “Bidders respond to all of the technical requirements contained in the IFB Statement of Work (including all Annexes)”. However:</p> <ul style="list-style-type: none"> • In reply to question 126, NCIA states “Section 9 Security Accreditation (SA) will NOT be subject to the bid evaluation in this contract.” • We issued further clarification questions related to requirements in SOW Annex A and SOW Annex B, which are not clear whether they are/are not subject to evaluation. <p>Therefore, we request a clear and comprehensive clarification that which requirements are mandatory (subject to evaluation and must be addressed by the bidder) and which informative (not subject to evaluation and does not need to be addressed by the bidder).</p>	Please refer to answers to CR's 383, 381 and 378.
387	IFB-CO-15049-BITI_ Book I – Bidding Instructions – Section 3.6.2	<p>Based on requirements in section 3.6.2, NCIA requires that the Technical Proposal will contain 3 files – Management Proposal, Engineering Proposal and Supportability Proposal. However:</p> <p>1. The Cross Reference – Traceability Matrix and Executive summary are not part of the above stated files, therefore will require a separate file. Does NCIA accepts that requirements 3.6.6.1.1, 3.6.6.1.2, 3.6.6.1.3 will be added as a separate file? If not, to which file these requirements should be added?</p> <p>The Requirements Traceability Matrix (RTM) specified in 3.6.6.1.5.5 should be based on the requirements in excel format. Does NCIA accept that the Engineering Proposal will contain 2 files. One excel file containing RTM and one pdf containing System Design Specification and Testing requirements.</p>	Yes and Yes
388	IFB-CO-15049-BITI_ Book I – Bidding Instructions – 3.6.6.1.5	<p>The page limits for the Engineering Proposal are inconsistent. Requirement 3.6.6.1.5 states “...(90-page limit excluding Table of Content and Requirements Traceability Matrix)” The System Design Specification does not contain any page limits in requirement 3.6.6.1.5.4. However, requirement 3.7.1 states “System Design Specification (SDS) (No page limit)”. Does it mean that the page limit for the Engineering Proposal is set only for Testing (10-page limit). In that case it is not clear why there is a 90-page limit for the whole Engineering part.</p>	Limit to 3.7.1 SDS removed.

389	<p>IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A System Requirement Specification</p>	<p>In 1.3 Contract Deliverables it is stated “The Contractor shall provide and install the following Automated Information Services (AIS) components: (1) Servers, Storage and VMware virtualisation and associated software solutions.”</p> <p>The wording indicates that Contractor should provide also licences for VMware products (e.g. ESXi). However no VMware licences are indicated in the requested servers specifications. In part 3.5.2 [166] it is stated that “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>Please clarify whether is there any VMware licence to be provided by the Contractor or all VMware products will be PFE.</p>	<p>Vmware software is provided as PFE.</p>
390	<p>6_IFB-CO-15049-BIT1_Book II- Part IV SOW Annex A AMD-2 Part IV, Statement of Work, Annex A System Requirement Specification</p>	<p>167) Virtual Machine (VM) templates shall be created to install up to 10 (Ten) Windows Server VMs that meet specifications to be provided by NCIA for each location and each network classification. Question. How many VM templates should be created for each location and each network classification?</p>	<p>Up to 10 for each network classification for each location, i.e. a maximum of 30 for each location.</p>
391	<p>5_IFB-CO-15049-BIT1_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 (.PDF)_Corrigendum 2</p>	<p>4.3.3.15 The Contractor shall decommission and collect Customer equipment that will be replaced by new equipment from the project and move it storage areas identified by the site POC for disposal. 5.17. Decommissioning and Disposal of Equipment Question. Could we get a list of equipment per location which needs to be decommissioned?</p>	<p>The list of equipment to be decommissioned shall be identified during the site survey. The bidder should estimate that for every piece of equipment to be provided at a location a piece of equipment shall be decommissioned.</p>

<p>392</p>	<p>5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 (.PDF)_Corrigendum 2 4_IFB-CO-15049-BITI_Book II - Part II, Contract Special Provisions AMD-2 (.PDF)</p>	<p>1.2.4 Additional engineering support shall be made available on a Level of Effort (LoE) basis to provide engineering support for Migration, Security Accreditation and Post Migration Support tasks which will be ordered (if required) in accordance with the task ordering process detailed at Clause 29 of the Contract Special Provisions. Each specific role and its requirements can be satisfied through more than one professional (up to 5 professionals to complete requirements) that can fulfil the overall job description. 1.2.5 After the site surveys have been completed The Purchaser shall issue Task Orders (TOs) to the Contractor requesting qualified personnel needed to perform Migration, Security Accreditation and Post Migration Support tasks for a minimum of five (5) working days per person. 28. TASK ORDERS AND ORDERING RELATED TO ENGINEERING SUPPORT AND PROVISION OF SPARES 28.2. Within 5 working the Contractor will provide a quotation for the Task with full supporting data to enable evaluation. 28.3. Within 5 working days the Purchaser will either initiate negotiations on the Task Order or issue a Final firm fixed price Task Order Question. What if specific service for Migration, Security Accreditation and Post Migration Support tasks exceeds minimum of five (5) working days per person (for example duration is 10 days)? Could you confirm that in that case you will place 2 X Task Orders (TOs)? Where to put cost in Bidding sheets?</p>	<p>As stated in paragraph 1.2.4 Task Orders for engineering support will be issued for a MINIMUM of 5 working days. Multiple Task Orders may be issued depending upon the task to be performed and the location the task is to be performed at. Bidders can provide a breakdown of the cost for Engineering Support (i.e. labour, material, travel and ODC) in the detailed tabs available in the Bidding Sheets as per instruction available in each tab.</p>
<p>393</p>	<p>5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 (.PDF)_Corrigendum 2</p>	<p>5.5.3. The pricing of the items included in the RSPL shall be at the firm fixed prices of the equipment breakdown detailed in the appropriate tab of the bid submission. 5.5.5. Spares will not be delivered through the base contract and will be subject to separate Task Orders. Could you confirm appropriate tab of the bid submission, is it Material – EUR sheet or ODC sheet defined in 3_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets AMD-2 (MS Excel)?</p>	<p>RSPL items are not part of the Bidding Sheets. RSPL Spares shall be specified and provided using a task order using the firm fixed pricing of equipment provided in the bid and contract.</p>

<p>394</p>	<p>5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 (.PDF)_Corrigendum 2 IFB-CO-15049-BITI Amendment 4 CR5</p>	<p>5.3.5. Starting PSA until the end of Warranty the Contractor shall provide remote technical assistance on all support levels whenever required to enable the Purchaser to fully support, maintain and operate the capability.5.19.14. On-site interventions for maintenance and support activities from PSA until end of warranty are not foreseen and would be considered as an exception. In case Contractor on-site support following successful PSA is required, the Purchaser will raise an Engineering support Task Order (TO) under the conditions stated in section "Engineering support" of this SOW and the Contract Special Provisions.</p> <p>5.5.7. In accordance with the warranty section, the repairs or replacement of all faulty items on site shall be under the responsibility and cost of the contractor.</p> <p>137.</p> <p>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?</p> <p>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</p> <p>Question.</p> <p>Related to the overall text above with aim to avoid misunderstandings, could you please confirm in which scenarios we need to offer 5.3.5 remote technical assistance and in which scenario we need to offer 5.5.7 repairs or replacement of all faulty items on site shall be under</p>	<p>Paragraph 5.19.4 has been removed, the text in paragraph 5.19.5 applies.</p>
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<p>395</p>	<p>5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 (.PDF)_Corrigendum 2</p>	<p>5.19.4. In case of failures of NFE/PFE items due to the execution of this project or failures of Contractor delivered items, the Contractor shall repair/replace the faulty items, at its own expenses and under its responsibility, with the highest priority allocated and shall be responsible to return the item to the destination site.5.19.5.The warranty shall cover the installation and integration activities, workmanship, adaptations, changes, analyses, documentation, software, firmware, licenses and the equipment specifically provided by the Contractor for the purposes of the current Project and shall exclude all other equipment provided as PFE or NFE Question. Could the customer confirm which statement is correct related to NFE/PFE, 5.19.4 or 5.19.5? To avoid misunderstandings and calculate all required cost, could you please confirm scope for Warranty and Maintenance and Support Concept which needs to be covered in our offer? Please mark bellow all which applies. a) All equipment specifically provided by the Contractor b) B.1.1 Purchaser Furnished Equipment (PFE), hardware and software that will be provided by the Purchaser and is required for the Contractor to implement the solution described in the SOW and SRS. c) B.1.2. Existing equipment and services that will remain at the sites to be implemented will not be identified in detail and includes but is not limited to: • Technical facilities, • Power and network cabling & conduits • Equipment racks, cabinets, UPS and power distribution</p>	<p>Paragraph 5.19.4 has been removed, the text in paragraph 5.19.5 applies.</p>
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396	5_IFB-CO-15049-BITI_Book II - Part IV Statement of Work including Annex B - Annex D AMD-2 (.PDF)_Corrigendum 2	<p>5.19.4. In case of failures of NFE/PFE items due to the execution of this project or failures of Contractor delivered items, the Contractor shall repair/replace the faulty items, at its own expenses and under its responsibility, with the highest priority allocated and shall be responsible to return the item to the destination site.</p> <p>5.19.5. The warranty shall cover the installation and integration activities, workmanship, adaptations, changes, analyses, documentation, software, firmware, licenses and the equipment specifically provided by the Contractor for the purposes of the current Project and shall exclude all other equipment provided as PFE or NFE Question.</p> <p>Could you please confirm that Warranty and Maintenance, and Support Concept needs to be covered only for Contractor delivered items (HW/SW equipment) specifically provided by the Contractor for TECHNICAL REFRESH OF BALKANS IT INFRASTRUCTURE (BITI) project?</p>	Paragraph 5.19.4 has been removed, the text in paragraph 5.19.5 applies.
397	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2, 3_IFB-CO-15049-BITI_Book I - Annex A Bidding Sheets AMD-2 (MS Excel)	According to the SafeCom licensing policy, devices registered on one SafeCom Enterprise Server cannot be moved and connected to another SafeCom Enterprise Server without additional fee. Due to this reason please specify the exact number of devices covered by this tender that will be connected to each SafeCom Enterprise server?	The requirement is for unlimited server licence. In the unlikely scenario that there is a need to move a device from one server to another after implementation this will be the responsibility of NCIA. The bidder shall quote for the quantity specified in the Bidding Sheets.
398	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	Kofax Ethernet Card Reader requires either power supply or power over ethernet. Could you please confirm that power supply or power over ethernet will be available on the installation location?	Only normal power supplies will be used.
399	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	<p>A.1.17 Tape Library Question:</p> <p>Considering that the MSL4040 Library is End of Life, are we allowed to offer the devices with three drives instead of four drives. The newer devices of all the vendors which are technical equivalent to the MSL4040 model all come with three drives.</p>	The specifications in the SRS have been amended, also refer to the guidance in Book II, Part II – Special Contract Provisions, clause 14.1. "If any COTS products specified in the Contract are upgraded or discontinued by their original providers for commercial or technological reasons, the Contractor shall propose their substitution by the new versions that are intended as market replacement of the original products. The proposed items shall provide an equivalent or enhanced performance without a price or life-cycle support cost increase and the Contractor shall be responsible for the installation, integration and transition of data and information to the new version."

400	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	A.1.26 Racks Question: Are we allowed to offer the Rack cupboard from different manufacturer other than HPE?	Racks from any manufacturer that meet the required specifications may be offered, racks from HPE are preferred.
401	6_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A AMD-2	A.1.27 Rack Peripherals Question: Are we allowed to offer the Rack Peripherals from different manufacturers other than HPE?	Rack Peripherals from any manufacturer that meet the required specifications may be offered, rack peripherals from HPE are preferred.
402	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 BlueCoat510-10 ProxySG device, we have a question:What is the average volume of traffic (bandwidth) through the proxy (Mbps) and the volume of traffic at the peaks (HTTP / HTTPS) that should be met by the offered device?	As specified in SRS section A.1.25 requirement 5, the proxy must support 1000 concurrent users.
403	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A System Requirement Specification	It is not clear how the vSAN clusters will be organized across security classifications and what are the capacity requirements per security classification. However, the total capacity of all the Virtual Host Server and storage Servers is more than triple in terms of storage capacity and even more in the terms of CPU and RAM requirements mentioned in the 3.5.2 [170]. Is it correct to assume the [170] requirement will be satisfied by delivering the servers meeting the capacity requirements defined in A.1 Hardware and software Requirements? If not, please indicate what CLINs specifically are to be combined into the Datacenter Cluster that are required to meet the [170] requirements. If it were not specified, the Bidders would be forced to count with the specifications in all the possible variants which would lead to unnecessary and very uneffective overpricing.	Yes, the servers requested in A.1 Hardware and Software Requirements will enable the delivery of all other listed requirements.
404	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A System Requirement Specification	Based on the requirements for warranty stated in Book II, Part IV, SOW – Annex B, point 5.19.1 – “The Contractor shall warrant all items (HW and SW) furnished under this contract for a minimum of twelve (12) months following FSA.” However, the bidding sheet and SOW – Annex A contain items that must be delivered with 1 year support and before FSA. For example item A.1.52 (SAFECOM Software Maintenance & Support, 1 year) must be delivered EDC+10 weeks. In case that the bidder would deliver the items as requested (with 1 year support) in Bidding Sheet, than the requirement 5.19.1 in SOW – Annex B wouldn’t be fulfilled. The same problem is with items A.1.23, A.1.20, A.1.21. Please advise, should the bidder price the equipment based on the Bidding sheet and SOW-Annex A or should the bidder increase for these items the warranty/support period in accordance with 5.19.1 of SOW – Annex B?	The requirement is to have the equipment and software covered from CAW to FSA+1 year by warranty and Software O&M. That being said software can be procured and activated when it is required(i.e. at instalation/testing phase) in order to optimize costs.

405	IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A A.1.32	Are media converters required for COTS A3 printer (A.1.32) or only for TEMPEST B/C versions ?	Yes
406	IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A A.1.1.1	In A.1.1.1 [2], in the table, line # 1), the specified PID (ISR4451-X-K9) does not match the description in the "Minimum Requirements" column (Cisco ISR 4451 Sec Bundle, w/Sec license). The license that the SEC bundle includes (SL-44-SEC-K9) is specified under A.1.1.7. Which one is correct, the "PID" or the "Minimum Requirements" column?	There is a discrepancy between the PID and Minimum Requirement in A1.1.1. table line 1. The correct version for Minimum Requirement should just read Cisco 4451-X/K9 without any bundle reference. Additionally, the line (6) above listing router specifications "(6) Capable of performing IPSEC encryption up to the router throughput data rates of 1Gbps" should be disregarded as this capability comes from combining the router itself (A.1.1.1) and the license (A.1.1.7) and these should be treated as two separate CLINs
407	IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A A.1.1.1	In A.1.1.1 [1] The large router shall feature the following specifications: ... (10) Support for virtualization techniques (VRF) Is VRF-lite support sufficient to fulfil this requirement?	VRF-lite support is sufficient to fulfil the requirement
408	IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A	SOW Annex A contains for most items a specification (for example for A.1.1.1 the specification is in point [1]) and a detailed product configuration (for example for A.1.1.1 the configuration is in point [2]). We would like to propose few changes in the product configuration in our bid, these changes will respect: • the vendor and product proposed by NCIA; • the required minimum specification defined by NCIA; Does NCIA accept these types of changes?	No, for this specific product we can't accept the proposed changes.
409	IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A A.1.26.1	SOW states that front door of rack needs to be equipped with single pane safety glass. Safety glass front door limits the air flow of the rack. Does the customer accept different solution of front door panel (f.e. perforated metal sheet) that maintains the visibility into the rack and security features, while allowing better air flow for the rack front door?	No, the Bidder shall offer equipment that meets the specifications.
410	IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A A.1.8 and A.1.9.	Minimum requirements for the Virtual Host Server and Storage (Large and Medium) states 1 x VGA/Display Port. Is VGA only sufficient?	Yes

411	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.14 and A.1.15	Backup Server specification requires an SFF server with LFF Enclosure – as stated in the answer to the question 251. We kindly ask the Purchaser to review the types of drives vs server types. We do believe it should be 8x12TB SAS 12G Midline 7.2K SFF (to be included in the SFF Server) and 12x 12TB SAS 12G Midline 7.2K LFF (for the additional enclosure) for the Large Backup Server. Accordingly, only SFF drives for the Small Backup Server. Is this assumption correct?	Bidders may also offer LFF drives for the System Tier - 300GB disks
412	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.10	We kindly ask the Purchaser to review the number of items in the Virtual Host Server and Storage (Small) configuration. For example, it does not make sense to use six 800W power supplies for the server.	Please review the question, we cannot find any mention of "six 800w power supplies" for that item in the SRS at Annex A.
413	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.8 and A.1.9.	The support requirement is stated as "3 Year Next Business Day Support 24x7 with Media Retention Service" We believe it should be either NBD or 24x7. Please clarify.	As specified, there must be a reponse to the support call by the next business day and any fulfilment of service or delivery shall be fulfilled 24 hours a day 7 days a week.
414	Book II Part IV, Annex A, A.1.49 Pg. 38	For licenses that are nation specific what nation should the vendor provide the license to? There are a few options: 1) License each SaaS to the country it will be deployed to. 2) License all SaaS to Belgium NCIS Agency HQ, or 3) License all SaaS to any NATO Country for deployment to the location of NATO's choice.	To NCIA.
415	Book II Part IV, Annex A, A.1.50 Pg. 39	What is the required period of service for any SaaS procurements? As an example, SaaS products would have monthly or yearly terms, and some yearly terms are available incrementally for up to 5 years. Confirm the number of years the purchaser would like quoted, for this and other similar SaaS packages. For example; 1, 3, or 5 Years.	If not specifically requested licencing shall cover CAW to FSA+1 year.
416	Book II Part IV, Annex A, A.1.1.1 Pg. 4	There is a component configuration issue with the Router Large as described in Annex A. When we requested pricing for the configuration provide the Cisco engineer was not allowed to select components as presented. Please confirm that the configuration as described is selectable and is allowed and offered by Cisco.	It appears there has been a recent change in the Cisco Commerce tool, and the list of items displayed in A.1.1.1 was compiled with the previous version of the tool. The current version produces a different formatting output which simply lists the hardware and software components in addition to the plain router platform itself, ignoring certain lines present in the original listing. The mandatory elements for A.1.1.1 are: - Cisco ISR 4451 (4GE,3NIM,2SM,8G FLASH,4G DRAM) - Performance on Demand License for 4400 Series FL-44-PERF-K9- - 8-port Layer 2 GE Switch Network Interface Module NIM-ES2-8 - Power Supply (Secondary PS) for Cisco ISR 4450 PWR-4450-AC/2 - AC Power Cord (Europe), C13, CEE 7, 1.5M CAB-ACE (all these items to be delivered in quantities specified in table under A.1.1.1)

417	Book II Part IV, Annex A, A.1.3.1 Pg. 9	There is a component configuration issue with the Core Switch as described in Annex A. When we requested pricing for the configuration provide the Cisco engineer was not allowed to select components as presented. Please confirm that the configuration as described is selectable and is allowed and offered by Cisco.	It appears there has been a recent change in the Cisco Commerce tool, and the list of items displayed in A.1.3.1 was compiled with the previous version of the tool. The current version produces a different formatting output which simply lists the hardware and software components in addition to the plain switch platform itself, ignoring certain lines present in the original listing. The mandatory elements for A.1.3.1 are: - Catalyst 9500 24x1/10/25G and 4-port 40/100G, Advantage - 650W AC Config 4 Power Supply front to back cooling C9K-PWR-650WAC-R - 650W AC Config 4 Power Supply front to back cooling C9K-PWR-650WAC-R/2 - Power Cord, 250VAC 10A CEE 7/7 Plug, EU CAB-9K10A-EU - C9500 DNA Advantage, Term License C9500-DNA-24Y4C-A- - DNA Advantage 5 Year License C9500-DNA-L-A-5Y - PI Dev Lic for Lifecycle & Assurance Term 5Y PI-LFAS-AP-T-5Y
418	Book II Part IV, Annex A, A.1.36 Pg. 36	All "Digital Senders" are to be Tempest C certified and be connected to a fibre network. However, there are no media converters identified in Annex A Section A.1.36. Confirm that media converters are required.	Media converters have not been specified for this item.
419	Book II Part IV, Annex A, A.1.51 Pg. 40	The product selected might not be able to control specific print job for the plotters. It can authorize all print jobs when an authorized person is at the plotter. As only authorized personnel will be at the plotter for the print job the process will meet the intent of controlling who has access to the plotter output. Is this acceptable?	Yes
420	2_IFB-CO-15049-BIT1_Book I-Bidding Instructions AMD-2 (.PDF), 3.6.6.1.4.5.3. & 3.6.6.1.4.5.4.	In the management proposal, the "Bidder Qualification" have a limitation of 17 pages. This includes at least two references required as well as four proposed key personnel. However, for the key personnel, the CV/ resume template is three pages and the attestation of security clearance another page, summing up to 4 pages per key personnel. Therefore, just the key personnel already account to a total of 16 pages. Therefore, can the limitation for the number of pages be increased to 30 pages for the "Bidder Qualifications" to allow a detailed description regarding the profiles and references?	Yes, we can accept a 30 page limit.
421	IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A A.1.28.2	According to the Bidding Sheet, the total quantity of A.1.28.2 UPS 8KVA is zero. Does it mean that the item will not be delivered and doesn't need a price included in the proposal?	Yes
422	IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A A.1.29	The A.1.29, 3kVA UPS, is the only UPS that has a vendor and model specified "APC Smart-UPS SRT". Can the customer confirm that there can not be any other model of 3kVA UPS delivered? Large UPS (A.1.28.x) don't have a vendor and model specified. What is the reasoning for this decision?	Yes, the Bidder may offer another brand with the same performance requirements.

423	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.51 and 1.52	The cost of licenses for SAFECOM Enterprise Server License (item A.1.51 and A.1.52) depends on the type and quantity of printers that are connected to SAFECOM. Do we assume correctly, that NATO does not require from the bidders to price the SAFECOM licenses for PFE printers? If yes, please provide the type, quantity and location of PFE printers that will be connected to SAFECOM. Please be aware that the vendor does not provide license types for unlimited printers.	There will potentially be PFE printers. As a minimum the Bidder shall offer licences to cover all printers and plotters specified.
424	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.2.2	Point [15] states: The Data Center Top-of-Rack platform meeting the above requirements is a Dell S4048-ON. The "above requirements" part refers to point [14]. However, this switch does not fulfill requirement (1) from point [14] "Switching capacity up to 2Tbps " as it has a switching capacity of 1.44Tbps. Dell S4048-ON will be EoS at the end of the year. The replacement recommended by Dell - S4148F-ON – has 1.76Tbps switching capacity and does not fulfill the requirement either. Will this switch platform be accepted or should we ignore the platform recommendation and fulfill all requirements?	The requirement (1) - Switching capacity up to 2Tbps" should be 1.76 Tbps The preferred platform is Dell S4148F-ON and the switching capacity of 1.76Tbps offered by this platform fully satisfies the project requirements for Data Center switch.
425	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.2.1 and A.1.2.2	In the tables in points [13] and [15], there is a requirement for the following transceivers: Dell Networking, Transceiver, 40GbE QSFP+ SR4, MTP, MMF Dell Networking, Transceiver, 40GbE QSFP+ LR4, MTP, SMF The information from the vender is, that they do not have MTP transceivers as specified in the requirement. Will the following transceivers be accepted? Dell Networking, Transceiver, 40GbE QSFP+, SR4, 850nm, MPO, 100-150m Reach on OM3/OM4, MMF Dell Networking, Transceiver, 40GbE QSFP+ LR4, 10km Reach on SMF	Yes, the transceivers described as: - Dell Networking, Transceiver, 40GbE QSFP+, SR4, 850nm, MPO, 100-150m Reach on OM3/OM4, MMF - Dell Networking, Transceiver, 40GbE QSFP+ LR4, 10km Reach on SMF satisfy the requirement.
426	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.47	Rugged laptop requires TEMPEST B and specifications does not include media convertor like other TEMPEST peripheries. Is it missing or it's not required?	Media converters have not been specified for this item.
427		Answers to questions 358 and 373 seem to indicate that a non-compliant device may be acceptable. Can this be confirmed?	No, no non-compliant offer in this area is allowed. The XLG specifications in the SRS have been amended.

428	<p>2_IFB-CO-15049-BITI_Book I-Bidding Instructions AMD-2 (.PDF) 2.14 Bid Guarantee</p> <p>Responses to Clarification Requests #6, IFB Ref. #377</p>	<p>We were bidding in numerous NCIA biddings in which we have provided the bid Guarantee via direct bank deposit (i.e. IFB-CO-14760, IFB-CO-14971, RFQ-CO-14764-DCIS,...). This option was always accepted by NCIA.</p> <p>Similarly, we have signed contracts with NCIA for which we have provided the Performance guarantee also via direct bank deposit.</p> <p>We kindly ask to reconsider the statement and accept the option for providing the bid Guarantee via direct bank deposit. Otherwise, NCIA limits the bidders and increases the cost for bidders to secure a bid guarantee.</p>	<p>Refer to Para 2.14.5 of the Bidding Instructions. Purchaser allows Bidder to post the required Guarantee in cash (via direct bank deposit) or by certified cheque to be submitted in the Bidders Bid Administration Package. If any company wants to make a direct bank deposit they should contact the POC for details of how to do this</p>
429	<p>IFB-CO-15049-BITI</p> <p>Part IV, Statement of Work, Annex B</p> <p>Testing</p>	<p>Requirements stated in SOW, Annex B, Section 6 does not state the relation between Test Phases and Project milestones, therefore please confirm:</p> <p>The IVV Assessment as described in section 6.1 for both TVVA Phases (IVV Assessment & Site Acceptance Testing) will be performed for each Delivery Destination and each PSA (Provisional System Acceptance) and FSA (Final System Acceptance). Correct?</p>	<p>Yes, Correct.</p>
430	<p>IFB-CO-15049-BITI</p> <p>Part IV, Statement of Work, Annex B</p> <p>Testing</p>	<p>SOW, Annex B, Section 6 does not contain requirements related to tests that are mentioned in requirement 6.3.1 (...IVVA will take place once the build phase(s), engineering testing, qualification testing and Factory Acceptance (FA) have been completed), specifically:</p> <p>Engineering Tests</p> <p>Qualification Tests</p> <p>Factory Acceptance Tests.</p> <p>Please provide detailed requirements and milestones for the above-mentioned tests</p>	<p>The complete list of requirements and milestones will be agreed after contract award mainly after desing is fixed and will be developed with the PIP.</p>
431	<p>IFB-CO-15049-BITI</p> <p>Part IV, Statement of Work, Annex B</p> <p>Testing</p>	<p>SOW, Annex B, Section 9 contain multiple requirements that require Contractor support (i.e. 9.1.4, 9.1.6, 9.1.8), however the Bidding sheet does not contain any CLIN items in which the Bidder could estimate the cost for these requirements. Where in the bidding sheet should the Bidder add the cost for services related to Security requirements in Section 9.</p>	<p>The support will be done through engineering support Task orders.</p>

432	Cover Letter for Amendment 5 and Clarification Requests Release # 6	The Cover Letter as supplied by NCIA for AMD5 & CR#6 shows what documents are part of the corrigendum. The "Book 1 Bidding Instructions (amendment 2 Corrigendum version)" document has not been part of the documents received by the Bidder. Can the Purchaser please provide this updated document?	the document was omitted in error the revised bidding instructions are in the latest amendment
433	Book I - Annex A - Bidding Sheets AMD5 CLIN summary and CR #328	The response to CR #328 states that equipment that has EDC +10 weeks ETA shall be ordered at EDC. The Bidder would like to make clear that tempesting the equipment typically takes 8-12 weeks. The overall time required for equipment ordering, delivery and tempesting will therefore take much longer than the requested 10 weeks (typically 16 weeks). Can the Purchaser please reconsider its response to CR #328 and provide a realistic milestone for KFOR HQ site so that a realistic delivery schedule can be presented in the proposal?	[Alex] No
434	IFB-CO-15049-BIT1_ Book I – Bidding Instructions – 3.6.6.1.5.4	Following the response to CR #116, in which the Purchaser confirms that only the communication/collaboration plan to reach the SDS is requested, the Bidder cannot find any requirements for this collaboration plan in the Bidding Instructions or SOW. Can the Purchaser please provide guidance as how this collaboration plan should look like, what is requested?	[Alex]The collaboration plan should detail how the bidder aims to support the NCI Agency in finalizing the SDS.
435	IFB-CO-15049-BIT1_ Book I – Bidding Instructions – 3.6.6.1.5.4	Following the updates to the SOW requirements in AMD5 and CR #6, please confirm the Bidder's understanding that the Engineering Proposal requested consists of a collaboration plan, the Requirements Traceability Matrix (RTM) and Testing?	Correct.
436	Book II – Part IV – SoW Annex A – SRS AMD5 Section 3.8.3 and CR#358	Since no XML Labelling Guard (XLG) which is both compliant to all requirements in SRS 3.8.3 and which is included in the NATO Information Assurance Product Catalogue (NIAPC) can be found in the market, can the Purchaser consider to provide the XLG as PFE?	The XLG specifications in the SRS have been amended.
437	Book II – Part IV – SoW Annex A – SRS AMD5 mod 2_Corr_marked	The Bidder noticed that with the latest Amendment 5, the requirement for Redundant Power Supply has been removed from all Servers configurations (A.1.8 - A.1.15). Considering that these servers are critical and could have impact on the overall availability, could the Purchaser please confirm whether power supply redundancy is required or not?	The Item "Power Hot Plug Low Halogen Power Supply Kit" is the additional redundant power supply.
438	Book II – Part IV – SoW Annex A – SRS AMD5 mod 2_Corr_marked	Referring to A.1.8 to A.1.15, there is a "Network" requirement specified as "4 x 1GbE embedded LAN Ports". The quantity of this item is also 4. Could the Purchaser please clarify what is the total number of the required "1GbE embedded LAN Ports", per server?	The required quantity of "1GbE embedded LAN Ports" is 4 in total.

439	Book II – Part IV – SoW Annex A – SRS AMD5 mod 2_Corr_marked	Referring to A.1.20. Item#12 specifies that the offered Firewall should have 8x 10G SFP+ ports. Also, the requiremen#13 specifies that the number of SFP+ short reach 10 Gb optical transceivers should also be 8 which means that the Firewall should be offered as "fully-populated". Could you please confirm the number of SFP+ transceivers that needs to be offered, per Firewall?	As specified in SRS section A.1.20 requirement #13, each firewall must be supplied with 8 SFP+ transceivers for the 8 SFP+ ports in requirement #12.
440	Book II – Part IV – SoW Annex A – SRS AMD5 mod 2_Corr_marked	Referring to A.1.20 and as explained in the CR #261 (8 new Firewalls are required). Could the Purchaser please confirm how the total quantity stated in the requirement #13 (A.1.20) should be considered? a. total of 8 SFP+ short reach 10Gb transceivers for all new Firewalls or b. total of 64 SFP+ short reach 10Gb transceivers for all new Firewalls (8 SFP+ transceivers per Firewall)"	The bidding sheets specify 9 new firewalls. Therefore, SRS section A.1.20 requirement #13 equates to 72 SFP+ short reach 10Gb transceivers.
441	Book II – Part IV – SoW Annex A – SRS AMD5 mod 2_Corr_marked	Referring to A.1.20 and as explained in CR #264 (each pair of firewalls will be used as a high availability cluster). Could the Purchaser please confirm if the High Availability (clustering) is planned to be achieved via (SFP+ long reach 10 Gbps) as described in item #18?	Confirmed.
442	Book II – Part IV – SoW Annex A – SRS AMD5 mod 2_Corr_marked	Referring to A.1.20. Could the Purchaser please confirm how many 40G QSFP+ active optical cables are required per Firewall, as described in item #15?	The SRS item has been amended to be a transceiver instead of a cable assembly. As specified in SRS section A.1.20 requirement #15, each firewall must be supplied with 2 transceivers.
443	Book II – Part IV – SoW Annex A – SRS AMD5 mod 2_Corr_marked	Referring to A.1.20. Could the Purchaser please explain what would be the purpose of the 40G QSFP+ active optical cables, described in item #15?	The purpose of SRS section A.1.20 requirement #15 is to give the Purchaser the option of connecting the firewall over 40G in the future.
444	09_IFB-CO-15049-BIT1_Book II - Part IV SOW Annex A System Requirements Specifications corr clean	Could you confirm that we need to offer 16 X 1GbE ports for servers? Example A.1.8 Virtual Host Server and Storage (Large) <image> Before you asked for : <image> We don't have opportunity to ask questions anymore, so please advise about configuration. It is probably a mistake, instead of 4 marked in yellow should be value 1 for quantity. Can you please confirm?	The required quantity of "1GbE embedded LAN Ports" is 4 in total.
445	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 training: "Implementing Cisco IP Switched Networks v2.0 (SWITCH)" has been replaced by ENCOR. Can the Purchaser please confirm that the SWITCH trainings should be delivered with the replacement ENCOR training and please update the requirement table?	Please refer to section 16 in Contract special provisions. Any end of life product will be replaced by the recomanded replacement.

446	Book II - Part IV SOW A.1.31	In the SOW under item A.1.31 a printer with the designation "Color Laserjet Pro A4 Colour Network Printer" is required. With the Pro models only pin-print solutions are possible, which send the print job unencrypted. The print job can only be sent directly to a printer and not to a server. However, it is intended that the print job is sent to a server. In addition, the process requires an external E-Line Box, which entails additional costs and effort. Therefore, we assume that the Enterprise model is more appropriate than the Pro model. We ask for your feedback.	For bid purposes the bidders should meet the requirements stated in the SOW
447	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.8	Considering that the identified 1st Gen Intel Xeon-Platinum 8168 CPU is EOS (Item#2), can the Purchaser please confirm if the 2nd Gen successor Intel Xeon-Platinum 8268 would be the applicable replacement?	Yes that would be an acceptable replacement in line with the guidance in Book II, Part II – Special Contract Provisions, clause 14.1. "If any COTS products specified in the Contract are upgraded or discontinued by their original providers for commercial or technological reasons, the Contractor shall propose their substitution by the new versions that are intended as market replacement of the original products. The proposed items shall provide an equivalent or enhanced performance without a price or life-cycle support cost increase and the Contractor shall be responsible for the installation, integration and transition of data and information to the new version."
448	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.8	Considering that the identified 1st Gen Intel Xeon-Platinum 8168 CPU is EOS (Item#2), can the Purchaser please confirm whether more cost effective alternates, such as Intel Xeon-Gold 6248R, can also be considered compliant, as long as CPU Frequency, Cores and on-chip cache match or exceed the identified CPU in the SRS?	No, the Intel Xeon-Gold range of CPU is not an equivalent replacement for the Intel Xeon-Platinum range of CPUs. Bidders shall offer products of the same range, model or type to replace EOS subcomponents specified in the SRS in line with the guidance in Book II, Part II – Special Contract Provisions, clause 14.1.
449	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.9	Considering that the identified 1st Gen Intel Xeon-Gold 6148 CPU is EOS (Item#2), can the Purchaser please confirm if the 2nd Gen successor Intel Xeon-Gold 6248 would be the applicable replacement?	Yes that would be an acceptable replacement in line with the guidance in Book II, Part II – Special Contract Provisions, clause 14.1. "If any COTS products specified in the Contract are upgraded or discontinued by their original providers for commercial or technological reasons, the Contractor shall propose their substitution by the new versions that are intended as market replacement of the original products. The proposed items shall provide an equivalent or enhanced performance without a price or life-cycle support cost increase and the Contractor shall be responsible for the installation, integration and transition of data and information to the new version."
450	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.9	Considering that the identified 1st Gen Intel Xeon-Gold 6148 CPU is EOS (Item#2), can the Purchaser please confirm whether more cost effective alternates, such as Intel Xeon-Gold 6242R, can also be considered compliant, as long as CPU Frequency, Cores and on-chip cache match or exceed the identified CPU in the SRS?	No, Bidders shall offer products of the same range, model or type to replace EOS subcomponents specified in the SRS. The successor to the 1st Gen Intel Xeon-Gold 6148 CPU is the Xeon-Gold 6248 CPU

451	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.10	Considering that the identified 1st Gen Intel Xeon-Gold 6132 is EOS (Item#2) without a direct successor, can the Purchaser confirm if the 2nd Gen next in line successor Intel Xeon-Gold 6242 would be the applicable replacement?	Yes, the 2nd Gen Intel Xeon-Gold 6242 CPU would be an appropriate replacement to the Intel Xeon-Gold 6132 CPU, as would the 2nd Gen Intel Xeon-Gold 6238 model or better CPU.
452	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.10	Considering that the identified 1st Gen Intel Xeon-Gold 6132 is EOS (Item#2) without a direct successor, can the Purchaser please confirm whether more cost effective alternates, such as Intel Xeon-Gold 6226R, can also be considered compliant, as long as CPU Frequency, Cores and on-chip cache match or exceed the identified CPU in the SRS?	No, the Intel Xeon-Gold 6226R model CPU is a lesser model in the 2nd Gen Intel Xeon-Gold range.
453	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.12 A.1.13 A.1.14 A.1.15	Considering that the identified 1st Gen Intel Xeon-Silver 4114 is EOS (Item#2) can the Purchaser please confirm if the 2nd Gen successor Intel Xeon-Silver 4214 would be the applicable replacement?	Yes that would be an acceptable replacement in line with the guidance in Book II, Part II – Special Contract Provisions, clause 14.1. "If any COTS products specified in the Contract are upgraded or discontinued by their original providers for commercial or technological reasons, the Contractor shall propose their substitution by the new versions that are intended as market replacement of the original products. The proposed items shall provide an equivalent or enhanced performance without a price or life-cycle support cost increase and the Contractor shall be responsible for the installation, integration and transition of data and information to the new version."
454	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.12 A.1.13 A.1.14 A.1.15	Considering that the identified 1st Gen Intel Xeon-Silver 4114 is EOS (Item#2), can the Purchaser please confirm whether more cost effective alternates, such as Xeon-Silver 4210R, can also be considered compliant, as long as CPU Frequency, Cores and on-chip cache match or exceed the identified CPU in the SRS?	No, the Intel Xeon-Silver 4210R model CPU is a lesser model in the 2nd Gen Intel Xeon-Silver range.
455	Corrigendum 09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications_Amendme nt 3_Marked	In the latest Corrigendum 09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications_Amendme nt 3_Marked we would like to point out that in the point A.1.17 Tape Library there is a potential flaw in technical request. The referent requested model is HPE MSL 3048 Tape Library with the following specification: <image> We would like to emphasize the fact that the proposed model cannot support 4 pieces of MSL LTO8-Ultrium SAS Drive Kit. The maximum number of supported drives inside of a Tape Library is 3 pcs. Could you confirm that under 2) Storage MSL LTO8-Ultrium SAS Drive Kit quantity is 4 instead of 3? If quantity is 4, would you like the potential Offerors to add a spare drive for each Tape Library offered or can we offer Tape Libraries with 3 drives included and nothing more?	Yes there is an error. Item 2) Storage MSL LTO-8 Ultrium SAS Drive Kit shall be Quantity 3 drives.

456	Book II – Part IV – SoW Annex A – SRS AMD5 3.1.1 A.1.8 A.1.9 A.1.10 A.1.12 A.1.13 A.1.14 A.1.15	Considering two Power Groups are required [94], can the Purchaser confirm that the requirement for a single PSU, and not dual PSU, is correct for the various server configurations?	All servers shall have dual/redundant power supplies.
457	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.8 A.1.9 A.1.10	Can the Purchaser confirm the total SFF HDD Storage Cages required (Item#6)? This as it is unclear whether the initial cage which comes bundled with the server is accounted for or not as being part of the QTY of (2x) specified (so, are a total of 16 or 24 SFF drives to be supported by all drive cages in the server)?	Bidders shall use their judgement to meet or exceed the minimum requirements for the equipment specified. The specification requires enough drive cage capacity to hold the required quantity of disks specified for the cache, system and mixed storage tiers.
458	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.8 A.1.9	Considering the identified Storage Array Controller with 8 Internal Lanes (Item#10) only provides 2 x4 Mini-SAS ports, which limits to a single SFF HDD Storage Cage to be connected. In order to expand the number of x4 Mini-SAS ports, can the Purchaser confirm if a SAS Expander card is required?	Bidders shall use their judgement to meet or exceed the minimum requirements for the equipment specified. If the Bidder thinks additional or higher specification items are required to provide the minimum required functionality then the Bidder shall include them in their offer.
459	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.10	Considering the VH Server Large and Medium only identifies a single Storage Array Controller with 8 Internal Lanes, can the Purchaser confirm if the configuration of the VH Server Small is correct with both a 8- and 16 Internal Lanes Smart Array Controller (Item#10 and Item#14)? If the answer is no, can the Purchaser confirm if the Storage Adapter requirement will be fulfilled with a single Storage Array Controller (8 Internal Lanes) accompanied by a SAS Expander card?	Bidders shall use their judgement to meet or exceed the minimum requirements for the equipment specified. If the Bidder thinks additional or higher specification items are required to provide the minimum required functionality then the Bidder shall include them in their offer.
460	Book II – Part IV – SoW Annex A – SRS AMD5 A.1.14 A.1.15	Considering the identified Storage Array Controller with 8 Internal Lanes (Item#10) only provides 2 x4 Mini-SAS ports, which accommodates the 8x LFF drives. Can the Purchaser confirm if a SAS Expander card is required to accommodate the 2x SFF drives?	Bidders shall use their judgement to meet or exceed the minimum requirements for the equipment specified. If the Bidder thinks additional or higher specification items are required to provide the minimum required functionality then the Bidder shall include them in their offer.
461	IFB-CO-15049-BIT1_Book I – Bidding Instructions, General Index	Could you please provide us the document Part III Contract General Provisions? It is not involved in the bidding documents.	Provided in Mod 5 CR release 6
462	IFB-CO-15049-BIT1 Part IV, Statement of Work, Annex A A.1.32	CALS G4 , GL/2 , RTL are plotter printing languages. Can purchaser confirm that those are needed for A3 MFP printer ?	The plotter printing languages: CALS G4 , GL/2 , RTL are not required for this printer (A.1.32)

463	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.341	4) PCL 6, PCL 5c, postscript level 3 emulation, PDF, URF Can purchaser clarify that URF (Apple Raster) is necessary in this context ? Could we offer printer with Airprint support instead?	No
464	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.31 – A.1.36	RFID Card - Zetes RFID Card with MiFare DESFire EV2 8k Contactless Chip Can purchaser clarify if card by other manufacturers can be offered?	No, the card specified shall be provided
465	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.38	Contrast Ratio 500,000:1 Can purchaser clarify by which standard is this contrast ratio measured ?	There are many projectors capable of achieving the specified Contrast Ratio. Refer to the following comparison site for example: https://www.projectorcentral.com/projectors.cfm
466	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.47	9) Storage NIAPC approved 2.5" inch Viasat Eclipt 256Gb SATA Encrypted Solid State Drive (SSD) Can purchaser specify classification level needed for this product?	Up to NATO Secret
467	Book I Annex ABidding Sheets CLIN summary CLIN 7SOW 4.3.6	It is still not clear how the bidder should complete the pricing for Clin 7.1 and 7.2. Based on NCIA reply to CR #132 we understand that we need to provide all relevant labor categories, travel expenses and other direct costs related to Engineering Support. This we can provide as a unit price for each item in the stated sheets. However, Clin 7.1 and 7.2 contains quantity of 1 and these items will be ordered using task orders as specified in 1.2.4 of SOW and the quantity of task orders is not specified in the bidding documentation. Therefore, how should we calculate the price for Clin 7.1 and 7.2 in sheet "CLIN Summary" of Book I - Annex A - Bidding sheet?	Under Construction
468	IFB-CO-15049-BITI Part IV, Statement of Work, Annex A A.1.34	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.	There are plotters other than the T830 on the market which meet this specification.
469	IFB CO-15049-BITS Book II, Part IV, Annex A, Amendment no 3 A 1.8, A.1.9, A.1.10, A.1.12, A.1.13, A.1.14 & A.1.15.	The specification states 4 x USB 3.0 Ports, which appears to be vendor specific. Would 2 x USB 2.0 and 3 x USB 3.0 sufficiently meet the intent of the requirement? Confirm that a combination of USB ports would be acceptable.	Yes, 2 x USB 2.0 and 3 x USB 3.0 ports are acceptable.

470	IFB CO-15049-BITS Book II, Part IV, Annex A, Amendment no 3 A 1.8, A.1.9, A.1.10, A.1.12, A.1.13, A.1.14 & A.1.15.	The specification states 1 x Micro SD Slot, and does not state internal of external access. Confirm that access to the Micro SD Slot can be either internal or external	The Micro SD Slot should be internal.
471	IFB CO-15049-BITS Book II, Part IV, Annex A, Amendment no 3 A 1.8, A.1.9 & A.1.10.	The specification states NVMe Capable Hard Disk Drive (HDD) SAS/SATA Storage Controller, implying a direct to storage connected device. Confirm if the NVMe Capable Hard Disk Drive (HDD) SAS/SATA Storage Controller can be PCIe connected.	Yes, the NVMe Capable Hard Disk Drive (HDD) SAS/SATA Storage Controller can be PCIe connected.
472	IFB CO-15049-BITS Book II, Part IV, Annex A, Amendment no 3 A 1.8, A.1.9, A.1.10, A.1.12, A.1.13, A.1.14, A.1.15 & A.1.16.	"Digitally Signed Firm Ware," is vendor specific terminology. Is there a requirement for Self-Encrypting FIPS140 SSD and HDDs? Confirm the requirement for encrypting SSDs and HDDs.	There is NO requirement for Self-Encrypting FIPS140 SSD and HDDs.
473	IFB CO-15049-BITS Book II, Part IV, Annex A, Amendment no 3 A 1.8, A.1.9, A.1.10, A.1.12, A.1.13, A.1.14, A.1.15 & A.1.16.	Storage Backup Battery (up to 20 Devices) with cables are specific to storage devices that are built with volatile memory. Confirm that storage devices utilizing non-volatile memory require battery back as such a specification becomes moot.	A Storage Backup Battery is required.
474	09_IFB-CO-15049-BITI_Book II - Part IV SOW Annex A System Requirements Specifications corr clean	Could you confirm that we need to offer 16 X 1GbE ports for servers? Example A.1.8 Virtual Host Server and Storage (Large) <Image> Before you asked for : <Image> We don't have opportunity to ask questions anymore, so please advise about configuration. It is probably a mistake, instead of 4 marked in yellow should be value 1 for quantity. Can you please confirm?	The required quantity of "1GbE embedded LAN Ports" is 4 in total.