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NCIA/ACQ/2016/1406
28 July 2016

To : Distribution List

Subject : **Amendment 2 to IFB-CO-13859-TRITON**
Answers to Clarification Requests and Changes to IFB Documentation

Provision of Functional Services for Command and Control of Maritime Operations (TRITON), Increment 1

Reference(s) :
A. AC/4-D/2261 (1996 Edition)
B. AC/4-D(2008)0002-REV1 and AC/4-D(2009)0002
C. NSIP Project Serial 2011/0IS03081
D. AC/4(PP)D/26970-ADD3
E. AC/4-DS(2016)0005
F. NCI Agency NOI NCIA/ACQ/ASG/2014/6288, dated 24 Sep 2014
G. NCI Agency NOI AMD 1 NCIA/ACQ/ASG/2015/1499, dated 29 Sep 2015
H. Issuance of IFB-CO-13859-TRITON dated 17 May 2016
I. Issuance of IFB-CO-13859-TRITONm Amd. 1, dated 8 Jul 2016

Dear Sir, Madam,

1. The purpose of this Amendment to IFB-CO-13859-TRITON is to provide all prospective bidders with the NCI Agency answers to additional Clarification Requests received for subject IFB. The Purchaser provided clarifications are issued as Annex A to this letter and will also be made available for download via the TRITON IFB Portal.

2. As a result of the clarifications provided herein, the following IFB documents have been revised. By virtue of this Amendment they replace and supersede any previous version issued in the context of IFB-CO-13859-TRITON:

   a. 03-IFB-CO-13859-TRITON-Book I-Annex A-Bidding_Sheets_v1.2.xlsx

   b. 04-IFB-CO-13859-TRITON-Book II-Parts I_and_II_Prospective Contract_v1.2.pdf

   c. 06-IFB-CO-13859-TRITON-Book II-Part IV-SOW_v1.2.pdf

   d. 07-IFB-CO-13859-TRITON-Book II-Part IV-SOW-Annex A-SRS_1.2.pdf

   e. 08-IFB-CO-13859-TRITON-Book II-Part IV-SOW-Annex B-Work_Packages_v1.2.pdf

   f. 09-IFB-CO-13859-TRITON-Book II-Part IV-SOW-Annex C-Requirements Implementation Schedule_v1.2.xlsx

NATO Communications and Information Agency
Agence OTAN d'information et de communication
Avenue du Bourget 140
1110 Brussels, Belgium
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3. Except for changes made to the Bidding Sheets and Requirements Implementation Schedule, all modifications to the documents have been highlighted. For ease of reference, both marked and unmarked files are provided in PDF.
4. All amended documents are available for download via the TRITON IFB Portal at: https://ifb.ncia.nato.int
5. Following receipt of a request by a NATO Delegation, the Bid Closing date of IFB-CO-13859-TRITON is extended in accordance with reference A to:

Friday, 23 September 2016, 12:00 Hours (Brussels Time).

6. Except as provided herein, all other documents of IFB-CO-13859-TRITON remain unchanged from their original version as issued on 17 May 2016.
7. The Purchaser Point of Contact for this IFB is

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FOR THE GENERAL MANAGER

P. Scaruffy

Peter Scaruppe
Director of Acquisition

Attachments:

A) Questions and Answers to IFB-CO-13859-TRITON, Amendment 2
B) Revised Bidding Documentation as per para 2

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NATEXs

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Index No.	IFB Source Document	IFB Paragraph Reference	Bidder's Question	Purchaser's Answer	IFB Package Amended	CR Released in AMD #
CR#3	Book I - Bidding Instructions	Book I, Part I, 2.6.2	Para 2.6.2 of the Bidding Instructions indicate that questions and clarification requests to the Purchaser be made by using ANNEX E to Book I, Bidding Instructions. The reference to ANNEX E seems to be incorrect and should read ANNEX F instead. Can you please confirm.	The Purchaser confirms that the reference is incorrect and that the correct reference is ANNEX F.	Yes	**AMD2**
CR#4	Book I - Bidding Instructions	Book I, Part I, 4.5.2.11.2	Para 4.5.2.11.2 of the Bidding Instructions instruct Bidders to submit a detailed specification sheet for each COTS Hardware equipment proposed. Please send us the structure of this "detailed specification sheet" you require bidders to provide as part of their bid.	The Purchaser has no specific request for the hardware specifications other than the commercial specification attributes.	No	**AMD2**
CR#5	Book I - Bidding Instructions	Book I, Part I, 3.6.3.6.3 Book II, Part TBD	Para 3.6.3.6.3 of the Bidding Instructions requests Bidders to provide a Requirements Traceability Matrix as part of their Bid. It is our understanding that you are using DOORS for this purpose. Could you please make the DOORS Module available or export the DOORS content in the Requirements Interchange Format?	The DOORS module for SRS will be provided to the Contractor after the Contract Award. RIS has been generated from DOORS. Please also see Technical CR#80.	No	**AMD2**
CR#6	Book II - Contract Special Provisions	Book II, Part II, Article 23	We assume that the Liquidated Damages stated in clause 23 are the sole and exclusive remedy? Please confirm that our understanding is correct?	This assumption is not correct. The Prospective Contract (Contract Special Provisions and Contract General Provisions) provides the Purchaser with remedies other than Liquidated Damages, such as Termination for Default.	No	**AMD2**
CR#7	Book II - Contract General Provisions	Book II, Part III, Article 6.2, 8., 9. and 10	Can we consider that bidder's affiliates within the NATO Participating countries will not be classified as Sub-Contractors and insofar it is not necessary to name the legal entities.	The Bidder does not provide any definition of what constitutes a "bidder's affiliate" or in what terms the definition of a bidder's affiliate is different from that of a sub-contractor. In absence of any formal definition, the Purchaser must assume that Bidders affiliates are to be considered sub-contractors in accordance with the terms and conditions of the prospective contract as they are different legal persons than the prime contractor.	No	**AMD2**
CR#8	Book II - Contract Special Provisions	Book II, Part II, Article 28	The bidder carefully restricts the access to Confidential information. Can we consider that bidder's affiliates will not be classified as a third party and therewith a transfer of confidential information is permitted?	Clause 28 does not forbid transfer of confidential information but specifies restrictions to be observed by the Contractor with regards to the handling and distribution of confidential information, including compliance with security regulations. It is understood that subcontractors, including affiliates, working on the contract will need to have access to information for carrying out the work. The Contractor is responsible for meeting all contractual requirements regarding security and use of confidential information.	No	**AMD2**
CR#9	Book II - Contract Special Provisions	Book II, Part II, Article 23	It is a legitimate interest of the Contractor to limit its liability for slight negligence. We suggest that the liability for slight negligence will be limited to 50% of the TCV and the liability for indirect damages will be excluded.	The proposed change is not acceptable to the Purchaser. Bidders are invited to review the limitations existing in Belgian law regarding limitation of liability.	No	**AMD2**
CR#10	Book II - Contract General Provisions	Book II, Part III, Article 6.2, 8., 9. and 10	We see no need to disclose prices we have agreed with our Sub-Contractors (comp. clause 10.5 CGPs). Please confirm our understanding that prices have to be only disclosed if there is any need therefore.	Bidders are required to provide sub-contractor costs for labour and material as part of their bid submission (Bidding Sheets, CLIN Break-Down sheets).	No	**AMD2**
CR#11	Book II - Contract General Provisions	Book II, Part III, Article 6.2, 8., 9. and 10	We see no possibility to disclose prices with our SubCo, if the SubCo is an affiliate (comp. clause 10.5 CGPs). Please confirm our understanding that there is no need to disclosed our internal pricing	Please see answers to CR#7 and CR#8.	No	**AMD2**
CR#12	Book II - Contract Special Provisions	Book II, Part II, Article 27.5	The Contractor notes that this Special Condition is largely unchanged from General Condition 30. Accordingly, the terms do not contemplate solutions that include the Contractor's commercial off the shelf or other pre-existing products (which would be treated as Contractor Background IPR) which may be subject to standard commercial license terms and fees. The Contractor notes that Clause 27.5 allows for the costs in respect of any third party licensed IPR to be chargeable but does not allow the Contractor to recover any of its own product investment: it's Background IPR which "shall be free of any charge to the Purchaser". This would appear to disadvantage those Contractors that might have existing developed products to offer as a solution, even though such a proven product would significantly de-risk the development of that part of the solution for the Purchaser. We also note however A.4.3.2 Section 1 – CLIN Summary Pricing Requirements states that: "All costs associated with the performance of the CLINs including but not limited to those associated to COTS, Third Party or Background Intellectual Property Software (including license acquisition costs and recurrent fees) necessary to successfully perform the scope of the CLIN in accordance with the technical proposal shall be included in the bid prices quoted." a) The Contractor requests that the Purchaser modify Special Provision Clause 27.5 to remove "free of any charge" wording and enable the Contractor to licence its Background IPR to the Purchaser on a chargeable basis. b) We seek further information from the Purchaser regarding the wording relating to distribution of the Contractor's Background IPR including for the nature of "exploitation" contemplated and the meaning of "for national purposes".	Clause 27.5 of the Contract Special Provisons and Clause 30 of the Contract General Provisions of the prospective contract define the scope of the license the Purchaser requests for Background IPR. The Purchaser does not expect to receive this license to Background IPR at no cost and expects the Contractor to price this cost as part of his Price Bid in accordance with the pricing instructions detailed in Annex A-2 of the Bidding Instructions. However, the Purchaser will not accept to pay any additional costs for the use of Background IPR. The Purchaser thus rejects the proposed rewording of Clause 27.5. With regards to the request for clarification on use of Background IPR for national purposes: TRITON as a software solution is procured by NCI Agency on behalf of NATO and its NATO Member Nations and should thus be free of charge to use for all NATO Member Nations for any defence purpose. Considering that the software to be developed will be fully owned by NATO, the point is to ensure that NATO and the NATO Nations will also be able to use any background needed to use the foreground with no additional costs and/or limitations.	No	**AMD2**
CR#13	Book II - Contract Special Provisions Book II - Contract General Provisions	Book II, Part II, Article 27.5, 27.6, and 27.8 Book II, Part III, Article 6.2, 31.6, and 32.11	Elements of the Contractor's Triton solution are governed by certain applicable export control regulations. While there are no export control restrictions anticipated for the NATO Nations and many of the Purchaser's existing suppliers; ensuring the proposed re-transferees of Contractor's export controlled data are authorized under those regulations is not currently provided for in the Special Conditions. a) In order that the Contractor can comply with its obligations to secure the appropriate export licenses for all proposed recipients of the export controlled elements of the Triton solution, can the Purchaser please confirm that the Contract will be modified to include provisions whereby the Contractor is given due notice of any proposed re-transferees so that the necessary licenses can be applied for? b) For those elements of the Contractor's existing product that are subject to certain international export regulations, the provision of Source Code is strictly prohibited. Therefore any Foreground IPR created by modification of these products could only be provided to the Purchaser as Object Code. Please can the Purchaser confirm that it understands this restriction and accepts that the delivery of Foreground Data relating to such controlled product in this manner would be considered contractually compliant? c) Please can the Purchaser also confirm that should the Export authorities refuse to grant export approval for any Party (nation or supplier), any resulting failure to deliver would be considered an event of Force Majeure under Clause 39.6.1 and not a contractual breach by the Contractor?	The Purchaser recognizes that the Bidder's solution might be governed by supplemental agreements such as export control regulations and recognizes the restrictions associated with them. The Purchaser agrees to add the following clauses 27.9 and 27.10 to the Contract Special Provisions: *27.9 The Purchaser will inform the Contractor of any transfer of Contractor Background IPR in accordance with Clause 27.5 and 27.6 of this Article 27, in order for the Contractor to obtain all necessary export licenses.* *27.10 The Contractor shall promptly notify the Purchaser of any refusal or rejection by national authorities for transfer of Contractor Background IPR in accordance with Clause 27.5 and 27.6 of this Article 27. In the case of such rejection or refusal, the Contractor shall not be held accountable for any failure to perform if the refusal is solely due to restrictions imposed by supplemental agreements and not due to negligence on the side of the Contractor.*	Yes	**AMD2**

CR#14	Book II - Contract Special Provisions	Book II, Part II, Article 8.5.2	The Contractor has a developed solution that it would wish to offer in partial satisfaction of the requirement for the Visualisation Component. It is recognised that under Clause 8 the Purchaser wishes to be free to both adapt and modify the component itself and also allow its other suppliers to utilize and make changes to the component. The current drafting provides for the component to be treated as Foreground IPR which is effectively requiring the Contractor to assign the rights and ownership in the Contractor's existing product to the Purchaser. This would also preclude the Contractor from continuing to develop and exploit its existing product for its own purposes outside of the NATO customer group without the Purchaser's prior approval. However there is also drafting at clause 8.5.5 suggesting the Contractor is licencing the Foreground IPR. a) Please can the Purchaser clarify its intentions in this regard, noting that the Contractor would wish to retain sufficient rights to continue to develop and exploit its Background IPR without requiring the consent of the Purchaser? b) Would the Purchaser consider an alternative approach which recognizes and respects the intentions of the Purchaser, but allows the Contractor to retain ownership of its Background IPR? This could be achieved by the Contractor offering the Purchaser (and allowing the Purchaser to sub-licence to other suppliers) a wide license on a perpetual, irrevocable and royalty free basis to use, adapt and modify the Visualisation Component for NATO end use? c) Should this not be acceptable to the Purchaser, please can the Purchaser confirm that it is willing to modify clause 8.5.6 at Contract award so that the Contractor is granted such required Purchaser permission and sufficient licence rights at the effective date of the Contract, so that the Contractor may thereafter use the Visualisation Component without requiring further consent? d) Where the Contractor retains ownership, this model would enable NATO to benefit from enhancements and updates made in the Contractor's Visualisation Component. However, it is also noted that by virtue of the proposed Contract conditions, the Visualisation Component would not be covered by the Support model. Can the Purchaser please confirm its intent in this regard should the proposed alteration of the licencing model be acceptable and attractive to NATO?	Due to the Purchaser's needs regarding the development, maintenance and use of the C4ISR Visualization Component, the Purchaser rejects the license-based approach described. The Purchaser needs to be freely able to use and continue to develop the Viz Component without any limitations. This also includes access and provision of the source code. The Purchaser will not oppose Contractor to continue developing this tool as a separate version outside of the prospective contract.	Yes	**AMD2**
CR#15	Book II - Contract Special Provisions	Book II, Part II, Article 27.6	Clause 27.6 provides NATO with the ability to further distribute the Contractor's Background IPR to third parties eligible to take part in NATO procurements. As this is in advance of any contract for development, such release is not tied to a NATO end use. a) The Contractor would propose that only sufficient information to enable development of incremental capabilities using the published interfaces extracted from the Contractor's Background IPR should be released. Please can the Purchaser modify clause 27.6 to ensure the Contractor's Background IPR is protected? b) Please can the Purchaser confirm the intention of such wider distribution in relation to future increments of the Triton system is to address additional requirements and to make use of published programming interfaces solely for NATO use and not for the nations to use for national purposes?	The licence is aimed at allowing third parties to further develop TRITON and to allow this third party to access the Background IPR if this is required to further develop TRITON. The Background IPR would in this case be provided by NATO under the limitation that the Background IPR would only be used for the purpose of further developing TRITON.	No	**AMD2**
CR#16	Book II - Contract Special Provisions	Book II, Part II, Article 27.3	Please can the Purchaser clarify that the wording "any derivative product" shall only refer to the newly developed IP (Foreground IPR) and not the overall package of Background and Foreground IPR?	A derivative product would also cover new modules added to the Contractor Background IPR for the purpose of developing TRITON as well as any element added to the source code having the Background IPR as part of the work to be carried out under the Prospective Contract.	No	**AMD2**
CR#17	Book I - Bidding Instructions	Book I, Part I, 3.6.4.4	The Instructions for Bidders ask for a Draft Project Management Plan as part of the Management Proposal Package. Statement of Work requirement 3.13.2.1 asks for a Quality Plan to be delivered with the PMP. Can the Purchaser please clarify that a Draft Quality Plan is only required to be delivered under contract and not as part of the IFB response submission?	PMP may include some principles regarding the Quality Management System. Depending on the Bidder's own quality system, a separate QP may be prepared. QP needs to be delivered at PMR.	No	**AMD2**
CR#18	Industry Day Slides		Will NCI Agency contract IV&V independently or shall it be included as part of the TRITON bid response?	Bidders shall only include the specified requirements related to IV&V testing activities in their Bids. IV&V Support, which is a separate Project Work Package as stated in TBCE, is not requested in this IFB.	No	**AMD2**
CR#19	Book I - Bidding Instructions	Book I, Part I, 4.5.3.2.3	Regarding 4.5.3.2.3., is it acceptable that some of the evidences of relevant and recent experience is presented by one of the major sub-Contractors, not only in regard of the 4th bullet (specific corporate experience of the major sub-Contractors) but in other items as well?	Paragraph 4.5.3.2.3 specifically addresses relevant and recent experiences of the Prime Bidder. The Purchaser would also like to draw attention to the fact that the Prime Bidder Qualifications based on corporate experience, corporate structure and capabilities are included in the evaluation criteria as listed in Paragraph 4.2.7.6.1, bullet 4, of the Bidding Instructions. While the Bidder may satisfy this requirement by listing relevant experience of sub-contractors, this will have an influence on the Bidder's Technical Score.	No	**AMD2**
CR#20	Book I - Bidding Instructions	Book I, Part I, 4.5.3.2.3	Please detail what is considered as "Relevant and successful experience and expertise in export control".	Bidders should demonstrate that they have a clear understanding of applicable national export control regulations or other technology transfer restrictions and should provide evidence of pertinent recent experience with government authorities regarding export control issues handled or resolved during delivery or implementation of military-based systems, and/or the existence of a company export control expert or office to deal with such issues.	No	**AMD2**
CR#21	Book II - Contract Special Provisions	Book II, Part II, Annex F	Shall the information to be included in the list of purchaser provided items contain all the servers and other hardware components required for the proposed architecture of the environments of the TRITON project?	Annex F, List of Purchaser Provided Items, will be completed by the Purchaser and the Winning Bidder during Pre-Award discussions. It will contain all identified items furnished by the Purchaser and given to the Contractor and required for the execution of the Prospective Contract. The Purchaser confirms that the hardware infrastructure required for TRITON at all installation sites (with the exception of the TRITON Deployable Kits) will be provided as Purchaser Furnished Property.	No	**AMD2**

CR#22	Book II - SOW	Book II, Part IV, 3.3.7	It is mentioned that project work shall be carried out in the Contractor's premises. Assuming the need for remote access to the NCI Agency network for interfaces development purposes (among others), will the Purchaser provide the physical conditions and supported VPN remote access tools to connect to this infrastructure?	The Purchaser will provide remote access to the Test Systems in PMIC.	No	**AMD2**
CR#23	Book I - Bidding Instructions	Book I, Part I, 2.1.1.1	In the case of the Bidder being a consortium, a principal contractor shall be vested with a full power of authority to act on behalf of all members of the consortium. Please, clarify what kind of document will be recognized by NCIA. Please, confirm that such document should be submitted in the administrative package.	The Purchaser confirms that this proof of power of attorney shall be submitted as part of the administrative bid package, in conjunction with a completed and signed Annex B.1, Certificate of Legal Name of Bidder in the name of the consortium. This confirmation can be submitted as a standard power of attorney granted by all members of the consortium to the principal contractor for all decisions governing the contract.	No	**AMD2**
CR#24	Book I - Bidding Instructions	Book I, Part I, 3.6.3.3	It is requested a System Requirements Specifications (SRD)	Incomplete CR. Bidder has been requested to provide completed CR.	TBD	**TBD**
CR#25	Book I - Bidding Instructions	Book I, Part I, 3.6.3.11.2	It is requested that the SIP should include a draft of generic site survey workbook. Please, confirm that SIP is the "Service Interface Profiles" as per 4.9.2.17.2. Please, confirm that the SIP should include the a draft of "site survey workbook" as per 4.13.2.7 . Please, confirm if any of those documents should be included by the Bidder in its Bid.	The editorial error for the acronym is corrected in Paragraph 3.6.3.11.2 as "STrP".	Yes	**AMD2**
CR#26	Book I - Bidding Instructions	Book I, Part I, 4.1.7	Please provide procedures AC/4-D(2008)002	Document: AC/4-D(2008)0002 Procedures and Practices for Conducting NSIP International Competitive Bidding Using Best Value Methodology Bidders should get access to this document through their national sources.	No	**AMD2**
CR#27	Book I - Bidding Instructions	Book I, Part I, 4.2.7.5.1	Concerning to the evaluation of technical sub-criteria in engineering. Please, describe how is going to be qualified items like "effectiveness and robustness of the proposed system design" or "flexibility of data and object models"	*Effectiveness and robustness of the proposed system design:* This criterion refers to the level of product maturity perspective, for instance whether the solution is based primarily on software developed "green field" or based on existing, tried and tested capabilities and components and/or COTS products. A design based on mature and existing capabilities will be preferred. The robustness of the design will be evaluated according to the framework used, SOA perspective and compliance to non-functional requirements and design constraints. *Flexibility of data and object models:* Initial high-level Data Model and compliance to the requirements regarding the Information Objects such as Maritime Operational Objects, will be examined to see if they consider basic software quality factors such as data management efficiency, storage efficiency, commonality across multiple TRITON instances, future expendability, efficient adaptation of existing models to the requirements.	No	**AMD2**

Index No.	IFB Source Document	IFB Paragraph Reference	Bidder's Question	Purchaser's Answer	IFB Package Amendment Required	CR Released in AMD #
CR#3	Book I - Bidding Sheets	Bidding Sheets, CLINs 5.10.2, 5.10.3 and 5.10.1, 5.10.2, 5.10.3 Book II, Part IV, 4.13.6.7	CLIN items 5.10.2 and 5.10.3 imply SiAT being performed as part of Organizational Node Activation. This appears to be at odds with the SOW 4.13.6.7, which makes no mention of SiAT, but does require On-site UAT, which is not mentioned under CLIN 5.10. Please can the Purchaser provide clarification as to what is required for these CLIN items? Note also that the SOW and WP references for these CLIN items appear to be incorrect: CLIN 5.10.1 refers to SOW 4.13.6.9, which is Software Distribution List CLIN 5.10.2 refers to SOW 4.13.6.8, which is KPIs CLIN 5.10.3 refers to SOW 4.13.6.8.4 , which does not exist Note also that a number of SOW and WP references under CLINs 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9 are also incorrect - it would seem that the SOW and WP documents may have been changed after these CLIN references were recorded. (For example, CLIN 5.3.2 refers to SOW 4.13.6.3.1/WP 9.3.4.3, but it should probably refer to SOW 4.13.6.1/WP 9.3.3.1; CLIN 5.3.2 refers to SOW 4.13.6.8.2/WP 9.3.8.2 but it should probably refer to SOW 4.13.6.6.2). Can the Purchaser please re-validate the cross-references for CLIN 5?	CLIN 5.10 items and references have been corrected according to SOW and WP. SOW and WP references for CLINs 5.3 through 5.9 have been corrected.	Yes	**AMD2**
CR#4	Book I - Bidding Sheets	Bidding Sheets, Schedule of Forward Labour Rates	The bidding sheets include Forward Labour rates for the various Labour Categories defined in the IFB. Where sub-contractors are also involved, can the Purchaser please advise if additional sheets or additional rows can be included to allow the Forward Labour rates for each party to be included?	The Schedule of Forward Labour Rates should list all labour resources (prime and sub-contractors) required for the execution of Work under the prospective contract. For this purpose, Bidders may add additional lines in Section 2, or add additional sheets in Section 2, i.e. 2b, 2c, etc.	No	**AMD2**
CR#5	Book I - Bidding Sheets	Bidding Sheets	There are a number of CLINs that are "NSP" - not separately priced, but it's not clear where the NCI Agency expect this activity to be priced. For example, there are a number of management processes (Project Management Process, Risk Management Process, Quality Management Process, etc.) that are to be delivered "Until FSA", but there are no other "Until FSA" deliveries in Work Package 1 that can be used for pricing. Can the NCI Agency please advise how to price each of the "NSP" CLINs?	The NSP CLINs in the bidding sheets represent overarching processes for which the Contractor shall be responsible as part of the execution of the work under the prospective Contract. All deliverables that are part of this process are listed as separate CLINs within the same high level CLIN and the Purchaser expects the costs for the overarching process to be included in the CLINs of the actual process deliverables.	No	**AMD2**
CR#6	Book I - Contract Special Provisions	Book II, Part II, 13.7	The clause for escalation of Labour Rates is based on either the Labour Cost Index for Belgium or the Bidder's national Labour Cost Index. Where a Contractor has Sub-Contractors in different countries, can the different Contract and Sub-Contractor Labour Rates use their appropriate national Labour Cost Index rather than being based on a single rate?	Depending on the extent of sub-contractor involvement in the resulting contract, the Purchaser is willing to consider the use of the respective national labour cost index of the sub-contractor. If applicable, changes to Article 13.7 to this effect will be made during pre-award discussions.	No	**AMD2**

CR#7	Book I - Bidding Sheets	Bidding Sheets	The Bidding Sheets appear to contain the following reference errors: CLIN 2.2.4 appears to be a duplicate of CLIN 2.2.5 (both ICD). The SOW and WP references are identical. CLIN 3.4.2 appears as Software Architectural and Detailed Design and then again as Hardware Requirements Analysis and Design (i.e. the same CLIN number is used for two distinct CLINs and sub-CLINs). Can this be resolved (it will also impact other CLINs within Build Process 4) CLIN 6.3.3. The WP reference should be 10.1, not 9.1 CLIN 11.1.1: The WP reference should be 15.3.1, not 13.3.1 CLIN 11.5.2: The Description should read "High-level System Requirements Review Report (HL-SRR-R)", not "High-level System Design Review Report (HL-SDR-R)" CLIN 5.13.3 references Work Package 9.4.5. The correct reference is 9.4.6 CLIN 5.13.4 references Work Package 9.4.5.1 The correct reference is 9.4.6.2 CLIN 5.13.5: The WP reference (9.13.15) does not exist. Please provide a valid reference (e.g. 9.3.15) CLIN 5.14.1: The WP reference (9.13.14) does not exist. Please provide a valid reference (e.g. 9.3.14) Can the Purchaser please revalidate the above references?	The Bidding Sheets have been corrected.	Yes	**AMD2**
CR#8	Book II - SRS	Book II, Part IV, Annex A, T1-R11956	Requirement T1-R1956 states: “TRITON shall be equipped with security software that can detect malicious software contained in files of TRITON-delivered workstations and servers. The software shall have the ability to scan any file or directory to detect any malicious software. The supplied software shall be compatible with the NATO Anti-Virus management centre and approved by the Purchaser”. It’s our assumption that this shall be provided by the Purchaser as GFE. If that’s not the case not: • Should this be quoted in the Work Package 9? • How many servers and workstations should be supported?	Security software will be provided by the Purchaser for the static sites. The Contractor will provide the security software for TDKs and Test Systems. They will be quoted in Section 3 of the Bidding Sheets. License Costs for security software for the static systems must also be quoted as part of optional Work Package 9 (CLIN 9.4.1 - COTS Products List) for 2 installations with the requirements stipulated in para 13.3.1.3 of Book II, Part IV, Annex B (Work Packages).	No	**AMD2**
CR#9	Book II - Work Packages	Book II, Part IV, Annex B, 7.3.2.4	It’s our understanding that COTS licenses for TDK servers shall be provided by the contractor according to what is stated in paragraph 7.3.2.4. Please confirm that this assumption is correct and that it should be quoted under CLIN 3.4	That is correct.	No	**AMD2**
CR#11	Book II - Work Packages	Book II, Part IV, Annex B, 7.3.2.4	Please confirm that no client COTS should be quoted client workstations for TDKs.	Work Packages, Paragraph 7.3.2.5 is modified as follows: *"The Purchaser will provide MS Office applications for TDK Client Laptops and Workstations."*	Yes	**AMD2**

CR#12	Book II - Work Packages	Book II, Part IV, Annex B, WP 9	It's our understanding that all COTS products to support TRITON Operational Software (Databases, backup, Virtualization, OS, etc.) will be purchased by NATO (except for the TDK servers). WP9 only covers the contractor's support to NCIA to purchase those licenses. That is, COTS licenses acquisition costs shall not be quoted in WP9. Please confirm if this assumption is correct.	This assumption is incorrect. The Purchaser intends to provide the COTS software to support the TRITON Operational software at all installation sites but reserves the right to exercise optional Work Package 9 either fully or partially in case the Purchaser is unable to provide certain COTS software or requires additional quantities not initially foreseen. Thus, as part of Optional Work Package 9, bidders are required to price the deliverables specified in para 13 of Book II, Part IV, Annex B (Work Packages) which includes a COTS products list (clin 9.4.1). Bidders are further required to complete Section 3 of the Bidding Sheets by listing the COTS software priced in CLIN 9.4.1 in accordance with Para A.4.7.2 of Annex -2 to the Bidding Instructions.	No	**AMD2**
CR#13	Book II - SOW	Book II, Part IV, 2.4	Please confirm that SRS is the "System Requirements Specifications" in the whole bidding document, except in SOW 2.4, where SRS is defined as "Security Requirements Statement".	SRS stands for System Requirements Specification in the IFB context. Please see Technical - CR#2. Only the referenced document uses the acronym "SRS" for Security Requirements Statement.	No	**AMD2**

Index No.	IFB Source Document	IFB Paragraph Reference	Bidder's Question	Purchaser's Answer	IFB Package Amendment Required	CR Released in AMD #
CR#17	Book II - SRS	Book II, Part IV, Annex A, 4.3.2.1 T1-R890	With regards to the Portrayal Catalogue, ISO 19117 defines an abstract model not an ICD. Can the Purchaser please provide clarification as to what ICD (or implementation profile) is being requested here, specifically to include what protocols and bindings are being requested?	ISO 19117 is not a firm requirement and may be considered one potential solution. The specific model for the catalogue and the ICD are not defined and left to the Bidder to define. This catalogue and ICD are expected to be utilized by thick and thin applications and must provide value in this context. A sample interface and model could be derived from NATO's existing Symbology Server. Specifically the Symbology Server Hierarchy Interface best correlates to the Portrayal Catalogue concept.	No	**AMD2**
CR#18	Book II - SRS	Book II, Part IV, Annex A, 4.3.2.1 T1-R898	Can the Purchaser please specify the format required for the "tile map"? For example, this could be an HTML image map, a CSS, etc. It would be useful if the Purchaser could also provide a use case to explain the intended use.	The Bidder can specify the model and encoding of the "tile map" taking into consideration that the "tile map" should be easily processable by various thin and thick applications and sufficient to identify all constituent parts (main, echelon, mobility, flag, etc.) of a point symbol from in the sprite sheet. Previous works have encoded such a tile map in JSON and XML, but this is not mandated.	No	**AMD2**
CR#19	Book II - SOW	Book II, Part IV, 7.1.3	The SOW states that documents shall not be marked with corporate logos or contain warnings limiting the rights to use or reproduction. Documentation for COTS software is likely to include logos and/or warning limits to the rights of use or reproduction. Can the Purchaser please confirm that providing such documentation is exempt from this restriction? Documentation for military software may be required to be marked with warnings limiting the rights of use or reproduction in order to conform with national legislation or export controls or in accordance with supplemental agreements that will be documented in response B.7 of the bid response. Can the Purchaser please confirm that providing such documentation is exempt from this restriction?	Paragraph 7.1.3 is modified as follows to clarify such an exemption: *"Documents shall not be marked with corporate logos or contain warnings limiting the rights to use or reproduction. Documentation for COTS software or military software whose distribution is governed by national legislation or export control restrictions are exempt from this restriction."* Additionally, an editorial correction is made on Paragraph 7.1.7.	Yes	**AMD2**
CR#20	Book II - SOW	Book II, Part IV, 3.5.6.4 and 6.8.1	Book II, Part IV, SOW Para 3.5.6.4 states that the ILS Engineer shall meet the qualifications of the Senior ILS Engineer as specified in 6.8.1. Please provide the qualifications requirements for the Senior ILS Engineer since they do not exist in Para 6.8.1 or in any other place within the IFB documents.	The reference in SOW 3.5.6.4 is corrected as follows: "*The ILS Engineer shall meet the qualifications of the Logistics Management Specialist as specified in 6.5.1."*	Yes	**AMD2**
CR#21	Book II - SRS	Book II, Part IV, Annex A, Various	A significant number of requirements are tagged “finalise at design review”. Many of these requirements have significant price implications and are not appropriate to a firm price proposal, please can the Purchaser advise how the Contractor should bound their scope of supply and price for such requirements?	The system-level requirements are defined at SRS as part of the SOW. There is a System Requirements Analysis Phase and a System Architectural Desing Phase, followed by five separate Software Requirements Analysis and Design phases. These standard development phases will enable both the Purchaser and the Contractor to determine the detailed software requirements and ultimate capabilities of the delivered product. The system-level specification given in the SRS does not provide all details such as data models, processing algorithms, lower level performance criteria, user data entry options, user interface design, system configuration parameters, detailed mode change rules, warning events, detailed hardware specifications, operation under low bandwidth and software quality factors. These subjects can be addressed during the formal analysis and design phases based on the maturity of the proposed solution. Implementaion-specific details will be finalised at the relevant analysis and design reviews of each Build Process. The Purchaser expects to acquire a product compliant to the minimum specifications given in the IFB. However, the Purchaser may also consider and propose any improvements or adaptations on the requirements during the software requirements analysis for each Build Process. The Purchaser provided Comments for some of the requirements in the SRS with the intention to inform the Bidders that a more detailed analysis on the subject will be required for the actual implementation. However, the scope and the system-level requirement will not be changed.	No	**AMD2**
CR#22	Book II - SOW	Book II, Part IV, Table 7-1	Can the Purchaser please confirm that the quality standard for 4.6.3 in Table 7-1 of the SOW should read 'SOW', and for 4.6.4 should read 'ISO 9241:2010'. (note ISO 13407:1999 is obsolete).	Reference correction: In Table 7-1, the Quality Standards for RIS and UEP are changed to "SOW" and "ISO 9241:2010" respectively.	Yes	**AMD2**

CR#23	Book II - SOW	Book II, Part IV, 4.15.3.2	Can the Purchaser confirm that On-the-job (OTJ) Training is only required for Exercises?	Paragraph 4.13.6.7.14 states that OJT shall be provided on the selected locations during Organizational Node Activation. Work Packages, Paragraph 9.3.9.2 lists the Authorised Locations at which Organizational Node Activation will be performed. For further clarification, Paragraph 4.13.6.7.14 is modified as follows: *"The Contractor shall provide On-the-Job Training (OJT) to the operational users at the Authorised Locations as described in Paragraph 5.8.9. OJT shall be provided on the following conditions:* *- During the Organizational Node Activation for the first delivery* *- During the Organizational Node Activation for the subsequent deliveries and maintenance releases.* *- Before participating the three (3) exercises during the OT&E Period."*	Yes	**AMD2**
CR#24	Book II - SOW	Book II, Part IV, 5.2.7	Can the Purchaser provide a copy of the "NCI Agency SLA Template"?	The requested template was provided with IFB-CO-13859-TRITON, Amendment 1.	No	**AMD2**
CR#25	Book II - SOW	Book II, Part IV, 3.13.1.2	This SOW clause states "The Quality Management System shall be based on AQAP-2110 and AQAP-2310 which incorporates by reference ISO 9001:2008, and on AQAP-160. " Please can the Purchaser confirm that this should read AQAP-2210 (as referenced by 3.13.2.4, 3.13.3.1, 3.13.3.2) rather than AQAP-2310? (AQAP-2210 defines supplementary requirements for software development.)	AQAP-2210 is intended for use with AQAP-2110 as a software specific and project oriented supplement. For software development activities, AQAP-2210 will be applicable. Since this acquisition project defines a system perspective which includes hardware development as well as software development, and anlso includes services to be delivered, a Quality Management System based on only AQAP-2210 will not be sufficient. For clarification purposes, Paragraph 3.13.1.2 is modified to include AQAP-2210 as a reference to be used during the preparation of Quality Management Process: *"The Quality Management System shall be based on AQAP-2110, AQAP-2210 and AQAP-2310 which incorporates by reference ISO 9001:2008, and on AQAP-160."*	Yes	**AMD2**
CR#26	Book II - SOW	Book II, Part IV, 5.7.2.3.9	Please define “The NCI Agency The Hague” business hours for: a) Days per week b) Non-working days such as Public Holidays	Paragraph 5.7.2.3.9 is modified as follows: *"The Service Desk shall operate eight (8) hours per day during the NCI Agency The Hague business hours (Monday to Friday, 09:00 to 17:00, except non-working days such as Public Holidays)."*	Yes	**AMD2**
CR#27	Book II - RIS Book II - SOW	Book II, Part IV, Annex C, Instructions, Worksheet Row 17 Book II, Part IV, 1.6.10	The RIS (Reference 1) suggests that “Not Implemented" is an acceptable response to a system requirement. However the SOW (Reference 2) states "The Contractor shall implement all TRITON system requirements stated in Annex- A, System Requirements Specification (SRS)." Please can the Purchaser confirm that "Not Implemented" is an acceptable response to a system requirement and that an “X” in the column "Not Implemented" when referring to a “shall” requirement (indicating that the Bidder is declaring that the proposed solution will not cover this requirement) will not result in the exclusion of the bidder from the competition?	Explanation in RIS, Instructions, Line 17 is valid. It doesn't imply that the response to a system requirement is acceptable. A Bidder should provide a Change Proposal to a system requirement that is marked as "Not Implemented". The Change Proposal will be considered during the Technical Evaluation (as described in Bidding Instructions). In principle, all system requirements must be implemented; partial scope coverage is not acceptable. Therefore, marking a system requirement as "Not Implemented" without a proposed change will result in a lower technical score or may render the bidder non-compliant with the technical requirements of the IFB.	No	**AMD2**
CR#28	Book II - SRS	Book II, Part IV, Annex A, 5.1.3.5.1	SRS 5.1.3.5.1 references the withdrawn ISO 9241 parts 10-17. Can the Purchaser please confirm that ISO 9241-210 is the recommended standard?	Paragraph 5.1.3.5.1 of the SRS is modified as follows to indicate the reference: *"These principles are mainly the ones standardised in [ISO 9241-210]".*	Yes	**AMD2**
CR#29	Book II - SOW	Book II, Part IV, 4.12.12.5.3	SOW 4.12.12.5.3 states that "The UAT shall be based on the requirements defined in the Stakeholder Requirements Specification (StRS) document provided by the Purchaser." Can the Purchaser please provide the StRS to bidders in order that the scope and costs associated with the UAT may be accurately assessed?	The StRS document will be made available to the Contractor after the Contract Award. It contains high level user requirements which the System Requirements Specification has been derived. The Acceptance Criteria based on the proposed solution for UAT will be finalised at SRR. UAT Procedure preparation is explained in SOW, Paragraph 4.12.12.5.5. The SRS contained in the IFB is deemed to be sufficient to estimate the effort for preparing the draft UAT Procedure. The Purchaser will finalise it with the User Community.	No	**AMD2**
CR#30	Book II - SRS	Book II, Part IV, Annex A, [T1-R626] and [T1-R628]	Can the Purchaser please explain the difference in intent between the similarly worded requirements [T1-R626] and [T1-R628]?	These two requirements are modified as follows: *[T1-R626] TRITON shall display only the information allowed for a particular user to view according to the viewing permissions assigned to that user.* *[T1-R628] TRITON shall display only those functions enabled for a particular user according to the execution permissions assigned to that user and provide access to them.* RIS is also modified accordingly.	Yes	**AMD2**

CR#31	Book II - SRS	Book II, Part IV, Annex A, [T1-R1798]	The coding standard specified in [T1-R1798] appears to be completely Microsoft .NET specific. Can the Purchaser please modify this requirement to be applicable to best practice in other environments such as Java and ECMAScript / java script?	The source code comments are applicable to all components of the application and not specific to the client or server components. For clarification purposes, the requirement T1-R1798 is modified as follows: *"Comments in TRITON source code shall be formatted according with best practices applicable to the specific programming language and allow for the automated extraction and formatting for augmenting technical documentation. In order to reduce the code size the source code comments of the client applications shall be removed by an automated process before entering into production in order to improve the transfer time."* RIS is also modified accordingly.	Yes	**AMD2**
CR#32	Book II - SRS	Book II, Part IV, Annex A, [T1-R1591]	This requirements states that 'TRITON shall not bear additional licences and charges for deployment of TRITON if used in a NATO context (exercise, mission, static and deployable commands, NRF).'. Where a solution uses COTS products that require a licence for each deployment or CPU, can the Purchaser please advise how these costs should be captured in the TRITON pricing information? Can the Purchaser please also define the number of additional deployments that should be accommodated in the overall price?	COTS Software Licenses are excluded from this context. The Bidder should calculate the necessary COTS licenses according to the specifications, solution design, and propose them in the Bidding Sheets. The Authorised Locations for deployment are already specified in the IFB. The Purchaser currently does not have any additional deployment plan. In case additional COTS Software Licenses are required for use of TRITON in NATO exercises and missions, the Purchaser will procure the additional quantities required.	No	**AMD2**
CR#33	Book II - SRS	Book II, Part IV, Annex A, [T1-R1361] and [T1-R1364]	The requirements for the TDK Workstation and Laptops refer to being similar to the corresponding NATO Workstation/Laptop Hardware Configuration (CPU, RAM GB, HDD GB?). Can the Purchaser please provide details of the configurations for NATO workstations and laptops?	A minimum configuration is now provided in Paragraph 4.4.1.7.5 of the SRS. More detailed configuration will be determined according to the proposed design, technical availability and NATO Standard Workstation definition at time of TDK HwRR.	Yes	**AMD2**
CR#34	Book II - SOW	Book II, Part IV, 2.3	Can the Purchaser please provide a copy of the NATO Bi-SC 75-7 Education & Individual Training Directive (E&TD), 10 September 2015 (NU) inclusive of annexes A – I? The publicly available version is a 2013 draft version that does not include annexes.	Bidders should get access to this document through their national sources.	No	**AMD2**
CR#35	Book II - Work Packages	Book II, Part IV, Annex B, Table 9-4	Table 9-4, SOW Annex B, details: • the courses to be delivered • the audience • the locations but does not give the number of students as either a max. or min. for any course except for the Software maintenance course (At least 4 individuals). Can the Purchaser please give an indication, by course, of audience size (max/min)?	The estimated number of trainees for each course will be determined during the TNA. As an initial estimation, the number of users given in Table 1-1 of the SOW may be taken into consideration for each Node Activation for static sites. The Contractor will provide the initial training to MARCOM users for each delivery. Depending on the level of training, the number of students may vary.	No	**AMD2**
CR#36	Book II - SRS	Book II, Part IV, Annex A, 4.3.5.1.1	Can the Purchaser please provide clarification (with a visual sample) of what is meant by "orbit", please give examples with reference to use cases.	Visualization of an Orbit can be seen in the [NVG]. An Orbit is defined by two or more points along a centerline and an associated width. When rendering the Orbit, the edges of the width are drawn along with circular end caps connecting the geometry into a closed shape. The Orbit is typically used to render a continuous aircraft movement over a fixed position. It can also be used as a reference geometry for military control feature, events or tasks. A sample view of an Orbit is added to the figure showing sample Drawing Primitives in the SRS Paragraph 4.3.5.1.	Yes	**AMD2**
CR#37	Book II - SRS	Book II, Part IV, Annex A, 4.3.7.3	Can the Purchaser please provide an ICD for the Line of Sight Analysis Service that is provided by the GIS Server?	The Line of Sight Analysis Service will be provided by the NATO CoreGIS using the ArcGIS Server technology. To consume the WPS hosted by ArcGIS Server, the Client must support the WPS specification. The following descriptive statement is added to Paragraph 4.3.7.3: *"Currently, NATO Core GIS provides the LOS and Elevation Service using the ArcGIS Server technology. The Client can consume the WPS hosted by ArcGIS Server."*	Yes	**AMD2**
CR#38	Book II - SRS	Book II, Part IV, Annex A, 4.3.7.4	Can the Purchaser please provide an ICD for the Depth Analysis Service that is provided by the GIS Server?	The Depth Analysis Service will be provided by the NATO CoreGIS using the ArcGIS Server technology. To consume the WPS hosted by ArcGIS Server, the Client must support the WPS specification. The following descriptive statement is added to Paragraph 4.3.7.4: *"Currently, NATO Core GIS provides a Depth/Elevation Service using the ArcGIS Server technology. The Client can consume the OGC-compliant WPS hosted by ArcGIS Server."*	Yes	**AMD2**

CR#39	Book II - SRS	Book II, Part IV, Annex A, 4.3.7.5	Can the Purchaser please provide an ICD for the Height Analysis Service that is provided by the GIS Server?	The Height Analysis Service will be provided by the NATO CoreGIS using the ArcGIS Server technology. To consume the WPS hosted by ArcGIS Server, the Client must support the WPS specification. The following descriptive statement is added to Paragraph 4.3.7.5: *"Currently, NATO Core GIS provides a Depth/Elevation Service using the ArcGIS Server technology. The Client can consume the OGC-compliant WPS hosted by ArcGIS Server."*	Yes	**AMD2**
CR#40	Book II - SRS	Book II, Part IV, Annex A, 4.2.3.5.5	Can the Purchaser please provide the schema, WSDL and sample data for the "Intel-FS" ICD as there are broken links to these artefacts embedded in the ICD PDF documents?	The implementation details of the interface will be provided after the Contract Award.	No	**AMD2**
CR#41	Book II - SRS	Book II, Part IV, Annex A, 4.2.5.4.3	Can the Purchaser please provide the standards listed in the requirement narrative: AHP-7, MTP-06,ATP-06,AHP-11?	AHP-7 and ATP-06 are classified documents. Bidders should get access to them through their national sources. MTP-06 contains the unclassified portions of ATP-06. The detailed information regarding the Q-Routes will be required during software requirements analysis which will be finalised at SwRR-3. The data model will be finalised at SwDR-3. Reference to [AHP-11] is corrected as [AHP-1].	Yes	**AMD2**
CR#42	Book II - SRS	Book II, Part IV, Annex A, 4.2.7.2.7	Section 4.2.7.2.7.1 of the SRS states that 'Only one instance of TRITON, as the master, is active at a Data Centre as a static site. The data is mirrored to the other instances by the Data Centre infrastructure in real time…' and in 4.2.7.2.7.2 states 'TRITON will use the Data Centre Infrastructure to replicate its operational data over its instances at static sites'. Can the Purchaser please provide details of the capabilities of the Data Centre Infrastructure? In particular: • Is storage and VM Clustering replicated by the ITM Infrastructure • Are failover mechanisms provided between data centres • Will the replication services provided by the ITM Infrastructure provide the configuration required by [T1-R677] and filtering requirements of [T1-R679] • Will ITM provide IP Address virtualisation to allow external connections to failover (e.g. National connections, ACPs) to another data centre when it becomes active • Are data centres on which TRITON will be hosted on autonomous networks with point to point networks between them or are they truly part of a cluster? If the latter, are the requirements in section 4.7.2.7 applicable to the data centres or are they only intended for the ACPs and DCISs? • Can confirmation be provided that the ITM replication services will meet the latency requirements of [T1-R678] and [T1-R680]?	The Data Centre capabilities are in the acquisition phase. When their detailed is completed, it will be made available to the Contractor after the Contract Award. The system-level design of TRITON Multi-Site Operation Management will be made during the System Architectural Design, and they will be refined during the Software Detailed Design. Some preliminary responses to the questions are given below: - Storage will be replicated among the Data Centres by the infrastructure according to the selected level of support. - Applications must handle the fail over conditions. - Replication services will provide replication of TRITON databases indicated by the user. Application must configure the data to be replicated and must be able to synchronise the new data during retrieval without corrupting internal data and business logic (e.g. correlated track information). - IP address virtualisation will be provided at the Data Centres. - Data Centres will be on the same network with point-to-point connections. The Multi-Site Operation Management requirements will be applicable to Data Centres and ACP instances of TRITON. DCIS instances can also use the same management within the DCIS network. - Data Centre replication services will be able to meet these requirements. However, the amount of data must be managed by the authorised user of the apllications (e.g. reducing the amount of data in case bandwidth becomes an issue).	No	**AMD2**
CR#43	Book II - SRS	Book II, Part IV, Annex A, 4.2.5.5.1 and 4.2.5.5.2	Can the Purchaser please provide referenced document ATP-18 so that the management of WSM/PMI Areas and Moving Havens can be better understood as well as the details of the vertical separation referred to in requirement [T1-R531].	ATP-18 is a classified document. Bidders should get access to it through their national sources.	No	**AMD2**
CR#44	Book II - SOW	Book II, Part IV, 5.6.4.3	Under the heading of "Incident Management Process", the reference states that "The Contractor shall comply with the existing NCI Agency business practices which are based on ITIL v3 and will be provided after signing the Contract." Can the Purchaser please advise how the Contractor should bound its price and compliance commitments at Bid stage, in the absence of the full requirement details being available to the Contractor?	In order to achieve a service-based ICT environment, NATO adopted ITIL as a service management framework, complemented by other industry best practices. The NATO ITM project will provide a baseline set of service lifecycle processes that will need to be aligned with the specific operational requirements of NATO. The Contractor will implement the specific process during the OT&E period. The Contractor will use procedures tailored according to the operation of TRITON until FSA. When required the Contractor will propose the necessary changes to the specific processes, to be evaluated and agreed by the Purchaser before implementation. The Purchaser assumes that the requirements given in 5.6.4 are sufficient for bidding.	No	**AMD2**
CR#45	Book II - SOW	Book II, Part IV, 4.13.1.8	The Contractor cannot be responsible for solving interfacing issues with external systems or NATO infrastructure where issues reside with those elements. Can the Purchaser please clarify the scope of Para 4.13.1.8.	Paragraph 4.13.1.8 requires solving integration and interfacing problems regarding TRITON, not the other systems/services. For clarification, the paragraph is modified as follows: "*The Contractor shall solve all integration and interface problems within TRITON that may occur during the installation. The responsibility for the system's operation, support, and performance rests solely with the Contractor until reaching FSA* "	Yes	**AMD2**
CR#46	Book II - SOW	Book II, Part IV, 4.13.6.2.15-17	Please can the Purchaser clarify the meaning of 'Operational Baseline' in SOW para 4.13.6.2.15. Does this refer to the software build provided by the Contractor into IV&V for addition to the AFPL?	Operational Baseline is defined in Paragraph 4.7.3.7. As interpreted, OBL is the software build that passes IV&V successfully and added in AFPL, provided that Site Acceptance is achieved.	No	**AMD2**

CR#47	Book II - SRS	Book II, Part IV, Annex A 4.2.7.2.7	Can the Purchaser please clarify how it is intended for the capabilities described in section 4.2.7.2.7 to be incorporated and tested in the NU deployment, as these requirements are predominantly assigned to BL-3, which is deployed to NS systems? If through an upgrade, then new testing would be required that was not originally performed in the BL-2 test suite, which would seem to be beyond the normal scope of an upgrade.	BL-2 will be installed at one site at its first delivery. Therefore these tests will not be executed. To give more time for implementation and take advantage of the lessons learned from the first formal delivery on NU, these requirements are allocated to BL-3. After PSA, new development for BL-3, including these requirements, will be applied to BL-2 and other sites will be isntalled. Multi-site Operation Management can then be tested separately on both NS and NU Domains. That is also one of the reasons having one common source code configuration but two deployments on two domains.	No	**AMD2**
CR#48	Book II - Work Packages	Book II, Part IV, Annex B, 9.3.9.2	Can the Purchaser please clarify the scope of the Organization Node activations? Section 9.3.9.2 in the WP document identifies four additional Organization Nodes other than MARCOM. Do each of the ONs comprise an NS and NU community and so is there a requirement for a total of 10 Organizational Node Activation activities?	The Authorised Location given in Paragraph 9.3.9.2 will be activated in addition to MARCOM for NS. NU will only be activated at MARCOM. A clarification is added to 9.3.9.1 and 9.3.9.2.	Yes	**AMD2**
CR#49	Book II - SOW	Book II, Part IV, 5.8.2.10.1	States The contractor shall complete Part 1 and Part 2 of the NATO POI Document II in accordance with [Bi-SC DIR 75-7] Can the Purchaser please provide the NATO POI Document II to the Contractor?	Bidders should get access to the reference document, which contains the forms regarding to course proposals, through their national sources.	No	**AMD2**
CR#50	Book II - SRS	Book II, Part IV, Annex A, 4.3.5.1.1. C2	Can the Purchaser please provide clarification (with a visual sample) of what is meant by "point cluster"? Please give examples with reference to use cases. Is this expecting to apply clustering to the drawings (i.a.w. 4.3.4.1.4) or to enable the user to place objects that look like clustered objects? If the former, please provide an illustrative example of how editing a clustered object is expected to behave.	“Point cluster” refers to the resulting symbol after the application of the Cluster operation described in Paragraph 4.3.4.1.4. Visualisation samples and use cases are given there. A “point cluster” cannot be edited. Instead, the point cluster will expose the actual points (on mouse roll over, or other user action) allowing the user to select a specific point for editing. The method used to expose these actual points is left to the Bidder to determine. Possible means to expose actual points could include a list, context menu, dialog window, graphical distribution around the cursor, or decluttering of the actual points within the GeoView. To prevent confusion, Point Cluster is removed from the list of Drawing Primitives.	Yes	**AMD2**
CR#51	Book II - SRS	Book II, Part IV, Annex A, 4.3.5.1.1. C2	Can the Purchaser please provide clarification (with a visual sample) of what is meant by “Optimized rectangle", please give examples with reference to use cases. For example is this two points (bottom/left, top/right) or one point and height and width, etc.	An “optimized rectangle” refers to a rectangle defined by two points (bottom/left, top/right). A visual sample is given in Paragraph 4.3.5.1.1 (the figure indicating the rectangle with two corners).	No	**AMD2**
CR#52	Book II - Work Packages	Book II, Part IV, Annex B, WP11	Can the Purchaser please clarify the schedule for WP 11? Figure 2 indicates HL-SRR at WP PSD+4 and HL-SDR at WP PSD+8 15.4.2.3 requires HL-SDR at WP PSD+6, The table at 15.5.1 requires HL-SRR at WP PSD+0 and HL-SDR at WP PSD+4.	The milestone dates are aligned in Work Packages Paragraph 15.2.2, 15.4.2.3 and 15.5.1 as illustrated in Figure 2. Some of the table cell formating are changed for left alignment.	Yes	**AMD2**
CR#53	Book II - SOW	Book II, Part IV, 3.5	The Key Personnel include an Integrated Logistics Support Engineer (section 3.5.6) that makes reference to the "Senior ILS Engineer as specified in 6.8.1". However, 6.8.1 describes a "Senior Maritime C2 Functional Specialist" role. Can the Purchaser please confirm whether Senior ILS Engineer is a Key Personnel role, and resolve the inconsistency described above?	The reference error has been corrected in CR#20.	No	**AMD2**
CR#54	Book II - SRS	Book II, Part IV, Annex A, [T1-R404]	The requirement refers to the EVENTEXPLOITREP XML schema, but the “JOCWatch OIR Web Services Specification” document doesn’t mention EVENTEXPLOITRE. Can the Purchaser please provide details of the EVENTEXPLOITREP XML schema?	More clarification is provided in the Description part of Paragraph 4.2.4.3.2 of SRS and Requirements [T1-R404], [T1-R406], [T1-R407] are modified, RIS is updated. One specific instance of JOCWatch will be used together with TRITON. Therefore all instances can be assumed to be maritime-related. A standard operating procedure for JOCWatch will be developed for using it in maritime domain. During the requirements analysis and design phase a suitable field to store Vessel Name will be selected, and used thereafter.	Yes	**AMD2**
CR#55	Book II - SRS	Book II, Part IV, Annex A, [T1-R407]	If the association between Maritime Incident and Vessels is to be automatic, Can the Purchaser please clarify where the Vessel Identifier is located in the incident message?	Please see CR#54.	No	**AMD2**
CR#56	Book II - SRS	Book II, Part IV, Annex A, 4.2.4.3.2	The JOCWatch OIR Web Services Specification document v.1.0 Section 3 specifies that the Jocwatch interface is read only. The SRS requirement R405 requires a 'Read' and 'Write' JOCWatch interface. Can the Purchaser please clarify how the 'Write' interface to JOCWatch is to be provided by the Purchaser?	Please see CR#54.	No	**AMD2**
CR#57	Book II - SRS	Book II, Part IV, Annex A, 4.2.4.3.2	The requirements mention only Maritime Incidents. Can the Purchaser please confirm that (a) only Maritime Incidents shall be imported from JOCWatch into Triton and (b) what attribute and value in the JOCWatch ICD allows the Contractor to filter only Maritime Incidents?	Please see CR#54.	No	**AMD2**
CR#58	Book II - SRS	Book II, Part IV, Annex A, 6.2.2.1	The AIS messages include Special Points, Emergencies and Voyages which are not referenced in the SRS. If Triton is expected to manage these entities, can the Purchaser please specify these requirements?	Currently TRITON is expected to process AIS Message Type 1 and Type 5.	No	**AMD2**

CR#59	Book II - SRS	Book II, Part IV, Annex A, 4.2.3.4 and 4.2.3.5.1.2	In the figure included in Para. 4.2.3.4 the Person of Interest List function is allocated to the NU domain, whilst in Para. 4.2.3.5.1.2 the requirements are allocated to NS. Can the Purchaser please clarify?	The conceptual figure in Paragraph 4.2.3.4, indicating the flow of information from external sources, including Person of Interest, is modified to reflect the storage location of the Person of Interest List to be on NS.	Yes	**AMD2**
CR#60	Book II - SRS	Book II, Part IV, Annex A, [T1-R316]	States “TRITON shall be able to use a World Port Data Service if a the available GIS Server can provide.” Can the Purchaser please provide an ICD for the World Port Data Service provided by the GIS Server?	TRITON is expected to be able to consume WFS and Gazetteer Service which can provide the World Port data. The Bidders may propose implementing a WFS within the Interim Local Geospatial Service using the WFS standards and data schema. The details can be defined during the requirements analysis and design phase. Following explanation is provided in Paragraph 4.2.3.5.1.6 and the requirement T1-R316 is modified as follows: *TRITON can also consume a WFS or Gazetteer Service for handling the World Port Database if is incorporated in the available GIS Server.* *[T1-R316] TRITON shall be able to use a World Port Data Service if the available GIS Server can provide (e.g. WFS, Gazetteer Service).*	Yes	**AMD2**
CR#61	Notification of Intent		Server components will be deployed in NATO Data Centres provided by NATO ITM project. Is this project completed and the environments ready to use? Will NATO provide Production (including Disaster Recovery), Pre-Production, Quality and other environments for the project? Will these environments be accessible from the supplier site?	The NATO ITM Project will be implemented in multiple waves and is expected to be completed before the scheduled TRITON deployment. In case a specific TRITON site is not migrated to the ITM platform, the migration to new environment will be conducted by the ITM Project. NATO ITM Project will deliver multiple Data Centres which will provide the required redundancy for the Disaster Recovery for the TRITON instances hosted on the Data Centres. A reference and integration environment at PMIC will be provided by the Purchaser. The access to the reference sites will be evaluated on a case by case basis based on the specific requirements and after an analysis of the risks. Operational environment is not accessible from outside.	No	**AMD2**
CR#62	Book II - SOW	Book II, Part IV, 4.8.2.4	In paragraph 4.8.2.4. reverse engineering is indicated as a technique for requirements elicitation to be used for legacy products. Could NCIA specify the amount of products to which this technique must be applied and in which technologies are they implemented?	The stated techniques will be used if they are applicable. In case examples to some MSA-White Picture functionality (e.g. anomaly detection, AIS simulator) are needed by the Contractor, the source code of the current MSA/BRITE Operational Protoype, which has been developed using C++ programming language or its user interface design can be used to better identify the detailed TRITON software requirements. The Contractor is not expected to perform reverse engineering at source code level to implement TRITON.	No	**AMD2**
CR#63	Book II - SOW	Book II, Part IV, 4.10.2.2	It is mentioned that the Contractor shall establish a software development environment at his own premises. Can we assume that there is no need for external access by NATO to this infrastructure?	External access to the Contractor's Software Development Environment (SDE) is not required. However, the required products need to be provided through the Collaborative Working Environment (CWE). The Purchaser has the right to examine the SDE at the Contractor's premises during the development life cycle as stated in SOW Paragraph 4.10.4. For allowing the Purchaser to remotely examine and monitor the software construction as stated in SOW Paragraph 4.10.2.6.6.6, 4.10.2.7.3.3, 4.10.2.8.5, 4.10.4.1, and to enable collaboration, the Contractor must provide sufficient access rights to the services used in SDE. The findings will be discussed during SEWG and SIWG meetings.	No	**AMD2**
CR#64	Book II - SOW	Book II, Part IV, 4.13	In the transition process, is it necessary to ensure the replication of data sent to the legacy systems after the initial data migration, during the period of operation in parallel with the TRITON? Or can the contractor assume that all operations during parallel will be replicated by the users in both legacy systems and TRITON?	System Transition activities will be performed together with the operational user. As TRITON is delivered incrementally, it will be operationally used first at MARCOM, and the existing Standard Operating Procedures will be modified to incorporate TRITON capabilities. Until TRITON becomes fully operational at all authorised locations and tested during exercises, the legacy systems will be used in parallel.	No	**AMD2**
CR#65	Book II - SRS	Book II, Part IV, Annex A 3.2.2.4	TRITON will have interfaces to other Bi-SC AIS Functional Services such as NCOP and others. If there is need to change the interfaces provided by these services to meet the TRITON's project requirements, will those changes be ensured by the NCI Agency?	TRITON will implement the interfaces currently provided by the existing Bi-SC AIS Functional Services. TRITON project requirements have already been specified using the available interfaces. The Purchaser currently doesn't foresee any changes on these requirements.	No	**AMD2**
CR#66	Book II - SRS	Book II, Part IV, Annex A, 1.5	TRITON will be able to export and import data using files with recognised formats, which include Portable Document Format (PDF). Does NATO already have third-party licensed software for handling documents in PDF format that may be reused in this project? If so, with which development frameworks is it compatible?	NATO does not provide a third party component to enable exporting to PDF at servers. Bidders may propose a COTS product or an open source software package which provides a common service to all TRITON modules. License Costs for this software must also be included in Bidding Sheets and also quoted as part of the optional Work Package 9 (CLIN 9.4.1 - COTS Products List) for two installations with the requirements stipulated in para 13.3.1.3 of Book II, Part IV, Annex B (Work Packages).	No	**AMD2**
CR#67	Book II - SRS	Book II, Part IV, Annex A, 3.2.2.7	It is mentioned that TRITON is expected to be compatible with the infrastructure services planned to be provided by the IT Modernization Project. What are the main features of this infrastructure to be considered for compatibility purposes?	ITM will provide Virtualised Computing Environment. The Contractor will specify computing requirements in terms of service parameters. The details of these parameters will be determined after the implementation of the Data Centres under the ITM Project.	No	**AMD2**

CR#68	Book II - SRS	Book II, Part IV, Annex A, 4.1.2	In T1-R007 requirement of paragraph 4.1.2.1.2 it is mentioned that the authorised user can change the Operational State manually with a notification to all users. Could NCIA specify which will be the channels provided for the TRITON system notifications: e-mail, text message (SMS), instant messaging, others?	TRITON is expected to inform its users by means of the User Notification Management (SRS Para. 4.2.9.6).	No	**AMD2**
CR#69	Book II - SRS	Book II, Part IV, Annex A, 4.2.2	In T1-R026 requirement it is mentioned that the user shall be able to import whole or part of exported Maritime Operational Object Databases into the internal databases of a Maritime Operation. Will this import only be used for maritime operations in off-line use, with full replacement of existing data?	Requirement [T1-R026] specifies a capability for the authorised user. Importing external data into a Maritime Operation is an operational use case. When a new Maritime Operation is created, its internal databases can also be populated by importing part or whole of the data from an already exported database. Full import is expected to replace the existing data.	No	**AMD2**
CR#70	Book II - SRS	Book II, Part IV, Annex A, 4.2.7.3	In T1-R701 requirement of paragraph 4.2.7.3.2.2 it is mentioned the need for migration of legacy systems data (MCCIS and /or MSA / BRITE). Could NCIA detail the approximate number of items involved and their corresponding volume of information? In which repositories are they stored (e.g. Oracle, SQL Server, Filesystem)?	Current systems use Postgres to store data. The size of the accumulated data is about 13GB plus an optional image data of 26GB per six months. MCCIS track data will not be migrated. Some of the operational data such as overlays, WSM/PMI areas may need to be transferred if applicable. MSA/BRITE AIS track database will be imported in case a commercial service is not used at the time of transition. The import size is expected to be 1TB. Details will be determined within the context of WP8 Transition from Legacy Systems.	No	**AMD2**
CR#71	Reference Documentation	PMIC HMI Style Guide 1.1., Section 10	According to the guideline [1015] in paragraph 10.1.1., should we assume that the TRITON system interface must have multi-language support?	The language requirements are given in SRS Paragraph 5.1.3.7.	No	**AMD2**
CR#72	Reference Documentation	NCOP-2014-10-06 Thales ICD 1.4, Chapter 3.3	Some embedded documents referenced in this document are not available, particularly in the following chapters: - 3.3.9: I_NCOP_ WS: NCOP Web Services - 3.3.14: I_NCOP_NFFI_SIP3: NFFI SIP-3 Interface - 3.3.18: I_NCOP_LC2IS: LC2IS Interface - 3.3.21: I_NCOP_NVG_STREAMING: NVG Streaming Protocol Interface - 3.3.22: I_NCOP_TOPFAS: TOPFAS native XML Interface - 3.3.49: I_NCOP_GENERIC_XML: Generic XML Interface - 3.3.50: I_NCOP_GENERIC_TEXT: Generic Text Interface Could NCIA provide the missing files referenced above?	The interface implementation details will be provided to the Contractor after the Contract Award.	No	**AMD2**
CR#73	Reference Documentation	INTEL-FS ICD v1.1	Some embedded documents referenced in this document are not available, particularly in the following chapters: - 4.3.2: Intelligence Information Entities export format - 4.4.1: Raw objects import formats - 5.1: List of Web Services - 7: Migration "Interface" Could NCIA provide the missing files referenced above?	The interface implementation details will be provided to the Contractor after the Contract Award.	No	**AMD2**
CR#74	Book II - SRS	Book II, Part IV, Annex A, 4.3	In this chapter the generalized C4ISR architecture is described as a mandatory requirement. Are there any frameworks to support building application with that architecture?	The high level design described in SRS Subsection 4.3 is a generic overview of the main components of the C4ISR systems used by NATO, and should be used as a reference by the Bidders. A detailed design of TRITON, its integration with the C4ISR Visualisation Component, interfaces to other systems/services are expected to be proposed by the Bidders.	No	**AMD2**
CR#75	Book II - SRS	Book II, Part IV, Annex A, 5.4	This chapter describes the Computer Resources Requirements and that TRITON should utilize the virtualized environment. Regarding the databases planned for TRITON, are there any existing Database Cluster in the NATO DATA Centre or in Bi-SC AIS which can be used for TRITON?	No database cluster is currently available in NATO server sites. Nevertheless the Bidders may propose such a solution for the TRITON relational database storage services, if identified as required.	No	**AMD2**
CR#76	Book II - SRS	Book II, Part IV, Annex A, 5.5.2	In this chapter a “Maritime Reference Architecture” is mentioned. As described this architecture has to be used together with the NAF for generating the architecture views. We weren't able to find the Maritime Reference Architecture or information about it. Can NCIA provide this "Reference Architecture"?	The Maritime Reference Architecture (2011) is currently being updated by the NCI Agency. It will be made available to the Contractor after the Contract Award. The current SRS structure basically defines the Application, Services, Information Products and related requirements. It should be sufficient for the initial architectural design for bidding purposes.	No	**AMD2**
CR#77	Book II - SOW	Book II, Part IV, 3.5.6.4	The referenced paragraph 6.8.1 is for a "Senior Maritime C2 Functional Specialist", not a Senior ILS Engineer. This labor category description does not match Annex B.14 of the Bidding Instructions which identifies the position as a Logistics Management Specialist and refers to SOW 6.5.1 for the requirements. What is the correct job description for the Position of Integrated Logistics Support Engineer?	Please see CR#20.	No	**AMD2**
CR#78	Book II - SOW	Book II, Part IV, 4.12.2.2, Table 4-10	Test Strategy, “The PTP shall…” Please define the acronym “PTP”.	The acronym in is corrected as "TMP".	Yes	**AMD2**
CR#79	Book II - SRS	Book II Part IV, Annex A, [T1-R1358]	IFB-CO-13859-TRITON, Amendment 1 provided further information regarding CR#13, but did not specify the requirements for the IEG Data Diode. Will a specification be provided or are Bidders free to bid any Data Diode that is cleared to EAI-7 by a NATO member country?	Bidders must propose a NATO-approved commercial Data Diode product. The list of the approved products can be found in NATO Information Assurance Product Catalogue (NIAPC) at http://www.ia.nato.int. Please also see CR#13.	No	**AMD2**

CR#80	Book II - SOW	Book II, Part IV, 4.8.1.5	The Contractor shall use the DOORS (IBM) Requirements Management tool for management of the system and project requirements given in SOW and SRS. IBM no longer supports DOORS (April 2016) and licences can no longer be purchased. Can the Purchaser provide new Tool reference (eg. DOORS NG) or will the Purchaser allow use of other tools which export to DOORS (including DOORS version number)?	The Purchaser currently uses IBM Rational DOORS 9.6. Assessment of DOORS Next Generation is in process. Paragraph 4.8.1.5 is modified as follows, also aiming to be more precise: "*The Contractor shall use a Requirements Management Tool for managing the system-level requirements (SyRS) and software requirements (SRS). The Contractor shall deliver the updated requirements repository to the Purchaser in modules compliant to IBM Rational DOORS v9.6 or the version used by the Purchaser at the time of delivery. The Contractor shall deliver the requirements repository to the Purchaser as defined in Paragraph 4.8.9".* In relation to deliveries, Paragraph 4.8.9.5 is modified as follows: *"The Contractor shall provide the initial version of the system-level RMD Baseline at least two (2) weeks prior to the System Requirements Review (SRR), then at each Software Requirements Review (SwRR), and as updated or as requested by the Purchaser."*	Yes	**AMD2**
CR#81	Book II - SOW Book I - Bidding Sheets	Book II, Part IV, Table 7-1 Book I - Bidding Sheets	Their appears to be a conflict between the SOW and Bidding Sheets with respect to what Annexes are assigned to the ISP and ISSP documents: The SOW Table 7-1 identifies the following: 1. Integrated Support Plan (ISP) Annex – Transportation Plan (TransP) 2. In-Service Support Plan (ISSP) Annex – Obsolescence Management Plan (OMP) The Bidding Sheet: Section 1 CLIN Summary sheet CLIN 1.2.17 identifies the following: 1. In-Service Support Plan (ISSP) Annex - System Maintenance Plan (SMP) Annex - Obsolescence Management Plan (OMP) Annex - Transportation Plan (TransP) Please clarify which reference is to be used for the correct assignment of Annexes to the respective Parent Plans?	Bidding Sheets CLIN 1.2.17 is modified and "Annex - TransP" is removed. CLIN 1.2.14 is modified and Annex - Transportation Plan (TransP) is added to ISP. For clarifying the content of ISP, Paragraph 5.2.8 is added to SOW: *"ISP shall include, as an Annex, Transportation Plan (TransP). The details of TransP are given in Paragraph 5.9.2."*	Yes	**AMD2**
CR#82	Book II - SRS	Book II Part IV, Annex A, 5.2.2.2.1, [T1-R1634]	Confidentiality Labels. References ADaTP-4774 and ADatP-4778 have not been officially published and exist only in draft form. Can the Purchaser provide the version to be used for the purposes of the Proposal?	At the moment the confidentiality labels standards are under distinct phases of the ratification process by NATO. STANAG 4774 – Label Syntax, is submitted to NSO and undergoing internal audit. STANAG 4778 – Metadata Binding, has been developed in the international community and validated by NATO Nations in several venues. It is mature and ready for adoption. The current NCI Agency assessment is that the technical content is sound and mature with a corresponding low technical risk regarding to this approach which might diverge from the current draft. However, the format may change (i.e. core document and binding mechanism published separately from the binding profiles). The last available version of the referenced documents at CDR time will be used during development. If the standard is not approved by then, the Purchaser will decide which version to be used.	No	**AMD2**
CR#83	Book II - SRS	Book II Part IV, Annex A, 5.2.2.21 [T1-R1633]	This requirement refers to NCIRC Configuration Guides. Can the Purchaser clarify which Configuration Guides and where these guides might be found?	NCIRC security configuration guides provide the best practices regarding the configuration of COTS products. These configuration guides can be provided after the Contract Award. Implementing of hardening in accordance with industry best practices can be taken into consideration at bidding.	No	**AMD2**
CR#84	Book II - SRS	Book II Part IV, Annex A, 4.4.1.7.5, [T1-R1361]	[T1-R1361] TDK Client Workstation shall have a similar configuration to the NATO Workstation Hardware Configuration as a Thin Client. The Server Unit shall provide the computing platform for the Thin Clients. Can the Purchaser please clarify what is meant by “NATO Workstation Hardware Configuration”? The term is not defined by any referenced specifications’	Please see CR#33.	No	**AMD2**
CR#85	Book II - SRS	Book II Part IV, Annex A, [T1-R2069]	SRS [T1-R2069] TRITON shall make the requested data available within one second via the ICI Service. Since TRITON does not cover the IT Infrastructure, what are the timing reference points for meeting this requirement?	The timing reference points are the acceptance of the request by the server and making the data available at the server. For clarification purposes Requirement [T1-R2069] is modified as follows: *"TRITON shall make the requested data available in the ICI Service not more than one second after the request has been received by the ICI Service at the server side."*	Yes	**AMD2**

CR#86	Book II - Work Packages	Book II, Part IV, Annex B, 2.4.4.1	"… the Contractor shall establish and maintain a Project Master Schedule (PMS) that contains all Contract." Sentence appears to be missing something after the word "Contract". Can Purchaser please clarify?	Paragraph 2.4.4.1 is modified to complete the sentence as follows: *"As specified in SOW, Subsection 3.10, the Contractor shall establish and maintain a Project Master Schedule (PMS) that contains all Contract. events and milestones, including contract-related Purchaser activities and events (e.g. Purchaser reviews, IV&V testing, participating meetings and conferences). The PMS shall correlate with the PWBS and also be traceable to performance and delivery requirements of this SOW."*	Yes	**AMD2**
CR#87	Book II - SRS	Book II, Part IV, Annex A, diagram page 104	In Amendment 1, an interface to "NCOP" was added to the diagram (NS side) on page 104 in the SOW. Can the Purchaser provide further clarification as to the intent of this change as it was not described in the CR. (CR #13 only mentions the Nations interface).	Since NCOP is not a Functional Service, it is separately indicated in the conceptual diagram on page 104. There is already an interface defined for NCOP.	No	**AMD2**
CR#88	Book II - SRS	Book II, Part IV, Annex A, 5.5.6	Section 5.5.6 (Programming Languages) lists the preferred Languages including Java. For that language it specifies Java SE Version 6 [JSR 270]. Java SE Version 6 has ended the publications of public updates. A more recent version should be used.	Java SE Version is modified as "Java SE Version 8 or newer" in the Description part of SRS Paragraph 5.5.6. The Reference [JSR 270] is removed.	Yes	**AMD2**
CR#89	Book II - SRS	Book II, Part IV, Annex A, T1-R1789	Requirement T1-R1789 states that TRITON "will" be developed using the latest version of Microsoft Visual Studio .NET. Our understanding is that this requirement only applies if C# is used as a language. Please clarify if our assumption is correct.	Yes. For clarification, Requirement [T1-R1789] is modified as follows: *"TRITON "will" be developed using the latest version of Microsoft Visual Studio .NET if C# is used as the programming language."*	Yes	**AMD2**
CR#90	Book II - SRS	Book II, Part IV, Annex A, T1-R1790	Requirement T1-R1790 TRITON shall be compatible with the .NET Framework version 4.5 or newer. If contractor is able to choose a language from the list of preferred languages, and the exchange of information should be done in XML format, Could you clarify the this requirement?	Requirement [T1-R1790] is modified as follows: *"TRITON shall be compatible with the .NET Framework version 4.5 or newer if .NET Framework is utilised for development."*	Yes	**AMD2**
CR#91	Book II - SOW	Book II, Part IV, 5.4.3.1	Requirement 5.4.3.1 states that "The Contractor shall perform following types of Software Maintenance in the context of Third Level Maintenance". In section 5.7 (Provision of Support), requirements 5.7.1.2 states: "The Contractor shall provide First, Second and Third Level Support in accordance with the Purchaser's Support Concept". Please clarify the level of support required.	Purchaser's Support Concept is defined in SOW Paragraph 5.6.2. Work Packages Paragraph 10.3.3 describes what support and maintenance must be provided by the Contractor until FSA.	No	**AMD2**
CR#92	Book II - SRS	Book II, Part IV, Annex A, TBD	In SRS page 32, it's stated: "These ACPs are expected to have the minimum CIS capabilities as defined in [MC0195/9]. The minimum level of C2 capabilities are currently described in [MC0593]. The communication methods applicable for ACPs are described in [ACP-200].". Could you please summarize those capabilities?	These capabilities cannot be summarised at this time. The TDK requirement have been specified in SRS. Paragraph 5.1.1.2 describes the expected performance by bandwidth efficiency.	No	**AMD2**
CR#93	Book II - SRS	Book II, Part IV, Annex A, TBD	When defining TRITON modes, page 46, the Standalone Mode is defined like this: "TRITON is used for operational purpose on an afloat site. The Server does not have any connection to other TRITON Servers or other Functional Services. Some functions of TRITON use internal core services with limited capabilities". This seems to be contradictory with what's stated in other parts of the SRS. ACPs shall have connection to other TRITON Servers as described in section 6.3.2 and Figure of page 35. Please clarify this.	TRITON modes are defined considering any possible tactical conditions at sea. TDKs may operate in either Normal Mode or Standalone Mode. If a connection to WAN (NSWAN for TDK-NS and Internet for TDK-NU) exists, it will operate in Normal Mode, and establish connection to other TRITON Servers as defined in 6.3.2. If the WAN connectivity is lost due to local conditions (e.g. sea state, coverage, tactical restrictions), it will switch to Standalone Mode, and operate locally without any connection to other TRITON Servers.	No	**AMD2**
CR#94	Book II - SRS	Book II, Part IV, Annex A, TBD	In page 56 it's stated the following: "In order to preserve the data integrity, only the authorised Maritime Operation can manage the Vessel Database in the Global Operational Store when the local one is updated". Could you clarify this paragraph? What's the "local one"?	The local database is the Operation-Specific Store. For clarification, the sentence is modified as follows: *"In order to preserve the data integrity, only the authorised Maritime Operation can manage the Vessel Database in the Global Operational Store when the local one (Operation-Specific Store) is updated."*	Yes	**AMD2**
CR#95	Book II - SRS	Book II, Part IV, Annex A, T1-R235	T1-R235 states: "TRITON shall automatically designate the Vessel Lists according to the default Picture of the global RMP". Could you clarify the relation between Vessel Lists and the RMP, what information elements / conditions in the RMP should trigger the designation of a Vessel List?	When a Maritime Operation is created the context of global RMP will be created. Vessel List attributes are defined in Paragraph 4.2.3.1.6. When an RMP Region is defined, the RMP filter will be applied to this Vessel List as described in [T1-R233], and the Vessels identified by the Vessel List will be included in the RMP. Manual designation of a Vessel List is decribed in [T1-R237].	No	**AMD2**
CR#96	Book II - SRS	Book II, Part IV, Annex A, T1-R278	T1-R278 states: "TRITON shall allow the authorised user to combine information received from external sources with the existing ones in the Person of Maritime List if the user-selected attributes of Person Data match". It's our assumption that the format of Person of Maritime interest Lists will be the same as the one used when TRITON exports that information. It's also our assumption that this format will be defined by TRITON. Please confirm if these assumptions are correct.	Person Data is defined in 4.2.3.5.1.2. The format will be defined by TRITON. For clarification, the requirement [T1-R278] is modified as follows: *"TRITON shall allow the authorised user to manually combine the information received from external sources with the existing ones in the Person of Maritime List if the user-selected attributes of Person Data match."*	Yes	**AMD2**
CR#97	Book II - SRS	Book II, Part IV, Annex A, T1-R403	T1-R403 states: "TRITON shall be capable of exchanging information with JOCWatch using JOCWatch OIR Service as defined in [JOCWatch ICD". Could you please provide the reference to this ICD?	The reference name is changed to "[JOCWatch WSS]" in the entirety of the SRS and RIS. The document has already been provided on the IFB Web Site.	Yes	**AMD2**

CR#98	Book II - SRS	Book II, Part IV, Annex A, T1-R618	T1-R618 states: “If an enterprise-level authentication is not available, TRITON shall implement an authentication service that requires the user to provide a valid User ID and password”, T1-R619 states: “For users accessing TRITON from networks which would not allow an instance of TRITON to authenticate the user, TRITON shall use the internal authentication service that requires the user to provide a valid User ID and password” but T1-R620 states: “TRITON shall not store login and password details for users that cannot be authenticated through Windows Active Directory”. Does T1-R620 contradict T1-618 and RT-619 requirements? Could you please clarify how authentication is expected to work in this case?	There will be two means to authenticate users: First, authentication at the enterprise-level using Enterprise Services. Second, authentication service provided by TRITON. These two means of authentication are mutually exclusive and should not be used simultaneously. This approach is applicable to TRITON where it is configured to support Standalone Mode of operation. Requirement [T1-R620] is modified in SRS and RIS, as follows: *"TRITON shall not store login and password details for users when configured for using only Normal Mode of operation. TRITON authentication process shall be configurable to use either the enterprise-level authentication services or the TRITON authentication service (allowing to store the user information in Standalone Mode), but not both simultaneously."*	Yes	**AMD2**
CR#99	Book II - SRS	Book II, Part IV, Annex A, 4.4.1.7.4	Section 4.4.1.7.4 describes the IEG-Data Diode that will be used at TDKs. In latest clarifications it’s assumed that IED-Data Diodes shall be provided by the Contractor for Deployable Kits. Although it’s our understanding that installation and integration shall be done by the Contractor, can we consider these elements as GFE?	Data Diodes for TDKs will be provided by the Contractor as COTS products. For static sites, Purchaser-provided Data Diodes that exist on the site will be used.	No	**AMD2**
CR#100	Book II - SRS	Book II, Part IV, Annex A, TBD	In the case that data Diodes for Deployable Kits shall be purchased by the Contractor, according to the supplied list of providers one of them is the NC3A. Can you provide a point of contact to request quotation?	The Data Diode model produced by NCI Agency is not available for industry. The Bidders are requested to select another model. More options will be made available by the IT Modernisation Project in future.	No	**AMD2**
CR#101	Book II - SRS	Book II, Part IV, Annex A, T1-R1508	Requirement T1-R1508 states: “TRITON GUI shall comply with the Web Content Accessibility Guidelines as defined by the W3C (see [WCAG]).” Which level of compliance is required: A, AA or AAA?	Requirement [T1-R1508] is modified as follows to indicate the required level: *"TRITON GUI shall comply with “Level A” of the Web Content Accessibility Guidelines as defined by the W3C (see [WCAG])."*	Yes	**AMD2**
CR#102	Book II - SRS	Book II, Part IV, Annex A, T1-R1522	Requirement T1-R1522, “TRITON, including hardware, infrastructure and Operational Software, shall be available for use at static sites (via Data Centres) twenty-four (24) hours per day, three-hundred and sixty-five (365) days per year with an availability of ninety-nine point zero percent (99.0%) (Level 3 of Operational Continuity).”. It’s our assumption that no hardware should be provided for static sites. Could you please clarify this?	No hardware will be provided by the Contractor.	No	**AMD2**
CR#103	Book II - SRS	Book II, Part IV, Annex A, T1-R1529	Requirement T1-R1529 states: “TRITON shall ensure system availability to users so that they do not experience interruption of services as a result of high latency. High latency is defined as latency exceeding one-thousand-and-one-hundred (1100) milliseconds”. What’s the upper bound for latency to ensure System availability?	This is left to the system design. It is expected to have a configuration parameter to set a timeout for requests and connectivity.	No	**AMD2**
CR#104	Book II - SRS	Book II, Part IV, Annex A, T1-R1748	Requirement T1-R1748 states: “TRITON shall be able to execute in MS Hyper-V Server 12 virtualisation surrounding”. Could you clarify this requirement? Is Hyper-V Server 2012 the preferred choice? Could you please clarify this?	For clarification, Requirement [T1-R1748] is modified as follows: "*TRITON shall be able to execute in the virtualisation hypervisor environments supported by NATO, namely "MS Hyper-V Server 12 or later" and "VMWare 5.5 or later.”* Editorial corrections in Requirement [T1-R1749]: *"The Server deployment package (virtual appliance or installation package) shall be tested against the used hypervisors, configured in accordance with NATO Security Settings “VMWare ESXi 5.5 or later” and “Microsoft Hyper-V 2012 or later”.*	Yes	**AMD2**
CR#105	Book II - SRS	Book II, Part IV, Annex A, T1-R1750	Requirement T1-R1750 states: “TRITON shall use a COTS Operating System on a Virtualised Environment. If the proposed solution does not use MS Windows, it shall be specified, documented, justified and the necessary licenses shall be provided”. Does this mean that provision of MS Windows Licenses should not be quoted in Work Package 9?	If MS Windows is proposed to be used as the operating system, no license is required except for the Deployable Kits and the Test Systems (as described in SRS). These licenses can be acquired through the NCI Agency MS Enterprise license agreement in ortder to preserve the consistency for future maintenance and support.	No	**AMD2**

CR#106	Book II - SRS	Book II, Part IV, Annex A, 5.4.5	Section 5.4.5 specifies the infrastructure software. For Web Server software TOMCAT or JETTY can be evaluated upon request. These products seem to fit more into Application Servers category which is not specified. Are there any restrictions or recommendations about the software to be used for Application servers? Are JETTY and TOMCAT considered here just for serving static content?	Currently there are no restrictions regarding Application Servers. In the foreseeable future, NATO will consolidate existing Application Servers. TRITON should be designed in such a way as to not impede such a consolidation. The final decision regarding the Application Server will be made by the Purchaser at the CDR. For clarification, the Description part of Paragraph 5.4.5 is modified as follows: *Infrastructure Software:* *The minimum specifications for such software, if used for infrastructure, are given below:* *- Operating System: Microsoft Windows Server 2016 (or later)* *- Database Management System/Server: Microsoft SQL Server 2014 (or higher) or Oracle 11g (or higher) or PostgreSQL Version 9 (or higher)* *- Web Server Software: Microsoft Internet Information Services (IIS) Version 6 (or higher) or Apache HTTP Server Version 2.0 (or higher) or Eclipse Jetty Version 9 (or higher)* *- Virus Scan Software (Server): McAfee Total Virus Defence Suite (for TDKs)* *- Backup Software: Veritas Backup Exec Advanced Server (for TDKs)* *- Compression Software: Operating system feature or Winzip or equivalent*	Yes	**AMD2**
CR#107	Book II - SRS	Book II, Part IV, Annex A, 5.5.2	Section 5.5.2 states that “TRITON will use the NATO Architecture Framework, Version 3.0”, but in the Statement of Work document (BOOK II, Part IV, SOW), requirement 4.9.2.9, page 84, it’s stated: “The SDS shall include the information as required in the architectural views based on the NATO Architectural Framework (NAF) (currently Version 3.1).”. Could you please clarify which NAF version is to be used?	NAF v3 is the latest version. V3.1 has not been endorsed yet. TOGAF is included in the reference lists of SOW and SRS and referenced in the text and requirements. The description in paragraph 5.5.2 of SRS is modified, as follows, to clarify how the architecture should be developed: *"TRITON will use the NATO Architecture Framework (NAF), Version 3.0 [AC/322-D(2007)0048] as the reference for generating architectural views together with the NATO Maritime Reference Architecture which defines the exchange of Information Products between Functional Services. The services to be delivered under Project TRITON will develop the Information Products and facilitate the information exchange as defined in that model and [C3TAXO]. The architecture will be developed based on the Architecture Development Method described by The Open Group Architecture Framework (TOGAF) [TOGAF] version 9 or higher."* Paragraph 4.9.2.9 of SOW is modified as follows: *"The SDS shall include the information as required in the architectural views and meta-models based on the NATO Architectural Framework (NAF) in accordance with the latest approved version (currently Version 3.0 is available with Version 3.1 for Chapter 5 only). The architecture shall be developed based on the Architecture Development Method described by the Open Group Architecture Framework (TOGAF) [TOGAF] version 9 or higher."*	Yes	**AMD2**
CR#108	Book II - SRS	Book II, Part IV, Annex A, 6.2.1.1.4	Section 6.2.1.1.4 specifies that TRITON shall report its internal performance metrics to the Bi-SC AIS Enterprise Management System (EMS). Could you please provide more information about the interface characteristics (protocols, etc.)?	The definition of Service Management and Control (SMC) Services in Enterprise Management System (EMS) is in process. The interface definition for SMC Services will be provided at a future date.	No	**AMD2**
CR#109	Book II - SRS	Book II, Part IV, Annex A, 6.2.1.1.6	Section 6.2.1.1.6 specifies that TRITON shall exchange information with NATO Information Portal (NIP), which is based on SharePoint 2013. Could you please provide more detail about the integration mechanisms desired (information types and protocols to be used)?	It is expected that TRITON will support the information exchange standards used in NIP, currently provided by MS SharePoint 2013. A dedicated interface to NIP is not required for Increment 1. However, the support is subject to inspection for qualification.	No	**AMD2**
CR#110	Book II - SRS	Book II, Part IV, Annex A, T1.R1985	Requirement T1.R1985 states: “TRITON shall have a dedicated interface for each AIS Data Source specified on either NS or NU Domain”. Which protocol should be used (only TCP/IP is specified)? Shall we expect NMEA messages?	Only TCP/IP will be used to transfer AIS NMEA messages from a designated AIS Data Source. TRITON will not have a direct connection to an AIS device having a serial interface.	No	**AMD2**
CR#111	Book II - SRS	Book II, Part IV, Annex A, 6.2.2.2	As specified in section 6.2.2.2 specifies how MSSIS System shall be integrated. TRITON will interface with the TC32 software. Could you please confirm if these assumptions are correct? • TV32 Software will not be managed by TRITON. • TRITON will be connected to a network port to a specified IP address through TCP/IP Protocol. • Once the connection has been established NMEA messages will be received, without applying encryption.	TV32 will not be managed by TRITON. TRITON will be connected to TV32 via TCP/UDP IP. NMEA messages will be received without encryption.	No	**AMD2**
CR#112	Book II - SRS	Book II, Part IV, Annex A, TBD	Bi-SC AIS Directory Services are only available on NS Domain. For the NU Domain it’s our assumption that a similar solution shall be provided by the Contractor in the scope of this project. Please confirm if this assumption is correct.	NU Domain will have its own Directory Services, as described in SRS.	No	**AMD2**

CR#113	Book II - Work Packages	Book II, Part IV, Annex B, WP 12	Work Package 12, Warranty, is described in the Book I-Annex A, but it's not included in the Work Packages description. Please include what should be covered in the WP definition.	The Purchaser believes that the Warranty requirements are sufficiently addressed in SOW, Subsection 5.10 and the Contract Terms and Conditions. As the Warranty activities are not explicitly executed and monitored under the Contract, a separate definition in Part IV, Annex B, Work Packages is not required.	No	**AMD2**
CR#114	Book II - SRS	Book II, Part IV, Annex A, 6.2.3	Section 6.2.3 describes Nation Interfaces. It's our understanding that TRITON will define a single interface common to all nations (one for NU and another one for NS domain). TRITON shall be able to exchange information with Nations simultaneously and shall be able to control each interface per-nation. However, the protocol to be used will be the same for all Nations. Please confirm if this assumption is correct.	As stated in Requirement [T1-R2006], TRITON will have a dedicated, separate interface for each Nation. The Nation Interface SIS may be implemented once, with the same protocol, but it will be instantiated and configured for each Nation, allowing the authorised user to manage them individually at run-time.	No	**AMD2**
CR#115	Book II - SRS	Book II, Part IV, Annex A, TBD	Please clarify what type of information should be stored / exchanged with NATO-wide Enterprise Directory Services (NEDS).	NEDS provides services for filtering and synchronization of information between various NATO directories. NEDS is based on Microsoft Active Directory services and is the authoritative data source for the enterprised directory services and information. TRITON will rely on this source at static sites and only store the minimum required data to operate TRITON.	No	**AMD2**
CR#116	Book II - SRS	Book II, Part IV, Annex A, T1-R1940	Requirement T1-R1940 states that "TRITON shall be compatible with the Enterprise Directory Services SIP (to be provided by the Purchaser). Please provide this specification	For clarification, the reference is added to Requirement [T1-R1940] as follows: *"TRITON shall be compatible with the Enterprise Directory Services SIP [NCIA-06.02.05]."* The document is already provided on the IFB Web Site.	Yes	**AMD2**
CR#117	Book II - SRS	Book II, Part IV, Annex A, 6.2.1.1.4	Section 6.2.1.1.4 describes how TRITON shall interface with Bi-SC AIS Enterprise Management System (EMS). Please provide interface details.	Please see CR#108.	No	**AMD2**
CR#118	Book II - SRS	Book II, Part IV, Annex A, 4.2.3	Section 4.2.3 describes Maritime Operational Support. In this section, several alert types are described. It's our understanding that alerts could be sent to: - The authorised user that created the alert condition. - A group of users defined by the authorised user that created the alert conditions. - All the users within an operation. - All active users. Could you please specify the notification targets that shall be supported by each type of alert?	Requirement [T1-R368] states that the user can define an alert with the User Group to be notified. In principle, Operational and Manual Alerts are bounded by the Maritime Operation. As described in SRS Paragraph 4.2.9.6, User Notification Management will provide a capability to manage system warnings at user level and user group level. Maskable and non-maskable notifications as Warnings or Alerts can be defined by the creator. Critical warnings are non-maskable warnings to be sent to all active users.	No	**AMD2**
CR#119	Book II - SRS	Book II, Part IV, Annex A, 4.2.4.1.2	Section 4.2.4.1.2 specifies Manual Alerts It's our understanding that this functionally shall allow operators to manually raise an alert based on existing Maritime Operational Objects. Users will be notified including the reference of those Maritime Operational Alerts.	That is correct. The requirements are defined in SRS.	No	**AMD2**
CR#120	Book II - SRS	Book II, Part IV, Annex A, T1-R370	Requirement T1-R370 states: "TRITON shall allow the user to issue a Manual Alert by using Alert Templates". Are these alerts just plain text that will be pre-generated with a template definition? May they be associated also to a Maritime Operational Object? Please clarify.	For clarification, a description for Alert Templates is added to SRS Paragraph 4.2.4.1.2. A reference to this is added in the Requirement [T1-R370] and RIS is updated.	Yes	**AMD2**
CR#121	Book II - SRS	Book II, Part IV, Annex A, 4.2.4.3.1.3	Section 4.2.4.3.1.3 specifies Vessel Identity Validation. TRITON shall be able to access HIS Fairplay and Lloyds MIU Detention List to complement identity validation process. Please confirm that subscription to those services will be provided by the Purchaser, enabling the Contractor to access them during development (even from Contractor's premises).	Subscription to these data services will be provided by MARCOM for operational use only. SOW Paragraph 4.13.10.1.6 describes that the Contractor must provide the necessary licenses or service fee for the commercial data services to be used during the development. The Purchaser will inform the Contractor which service provider is used. The Contractor may use test data for identity validation process.	No	**AMD2**

CR#122	Book II - SRS	Book II, Part IV, Annex A, 4.2.4.3.1.3	Section 4.2.4.3.1.3 specifies Vessel Identity Validation and states that “Other accessible databases providing Web services over the NU Domain” can be used. This requirement is not bounded. Could you please specify the desired databases to be integrated? If that’s not possible at present time, could you please limit the number of databases to be integrated?	SRS Paragraph 4.2.4.3.1.3 is modified as follows to indicate the minimum number: *"• At least three (3) other accessible databases providing Web services over the NU Domain"*	Yes	**AMD2**
CR#123	Book II - SRS	Book II, Part IV, Annex A, T1-R405	Requirement “T1-R405” states that “TRITON shall allow the authorised user to manage (create, modify, import, export, delete) the Maritime Incidents (given in the Description) via JOCWatch. It’s assumed that these operations can be performed over an interface provided by JOCWatch. Please conform if this assumption is correct Besides that, Maritime Incidents created via JOCWatch should be also created in TRITON?	Please see CR#54.	No	**AMD2**
CR#124	Book II - SRS	Book II, Part IV, Annex A, 4.2	Section 4.2. TRITON Functional Service Requirements includes a diagram showing the high-level breakdown of TRITON. That diagram shows “Maritime Operation Management” as a component of the “Maritime Situational Awareness” functional group. But the Maritime Situational Awareness in section 4.2.3. does not include the “Maritime Operation Management” as part of its functionality. Can you clarify this?	The figure is replaced to better illustrate the high-level breakdown.	Yes	**AMD2**
CR#125	Book II - SRS	Book II, Part IV, Annex A, T1-R732	Requirement T1-R732 states: “TRITON shall allow the authorised manage (define, configure, start, stop) the Training Environment”. Should this be read like this ? “TRITON shall allow the authorised <user?> manage (define, configure, start, stop) the Training Environment”	Requirement [T1-R732] is corrected in SRS and RIS.	Yes	**AMD2**
CR#126	Book II - Work Packages	Book II, Part IV, Annex B, WP 2, 3.3.5	WP 2: System Engineering Services 3.3.5 System Validation It is supposed that 3.3.5.3 activity (System Validation Test (SVT) execution) is part of the scope of Work Package 7 (Support to Operational Testing and Evaluation) instead of part of Work Package 2 (Engineering Services). Please, to confirm the work package that includes SVT execution activity.	System Validation is an activity under WP2 whereas the test is an activity under WP7. For clarification, following modifications are made: Paragraph 3.3.5.3: *"The Contractor shall plan the System Validation Test (SVT), execute as defined in WP7 (Paragraph 11.3.4), and conduct the System Validation Review using the Sytem Validation Test Report."* Paragraph 11.3.4.1: "*The Contractor shall execute the System Validation Test (SVT) as defined in SOW, Paragraph 4.14.4, and provide the SVT Report."*	Yes	**AMD2**
CR#127	Book II - Work Packages	Book II, Part IV, Annex B, WP 2, 3.4.5.1	3.4.5.1 Reference to paragraph 4.13.7 seems to be erroneous. Please, could you confirm reference?.	The paragraph reference is corrected as 4.14.6.	Yes	**AMD2**
CR#128	Book II - Work Packages	Book II, Part IV, Annex B, 9.3.11.2	9.3.11.2 The Contractor shall provide the Training Courses listed in Table 9-4 as a minimum. Please, confirm the maximum estimated number of courses that the Contractor shall provide under the scope of this contract.	The type and content of the Training Courses will be determined at the TNA. If major changes are made on the software during the OT&E Period, some of the courses may be repeated. The Purchaser has already identified the minimum courses to be provided. A maximum number cannot be stated at this time.	No	**AMD2**
CR#129	Book II - Work Packages	Book II, Part IV, Annex B, WP 2, 9.3.11.3	9.3.11.3 The Contractor shall support the NCI Agency Trainers for providing the Training Courses listed in Table 9-5 as a minimum. Please, to confirm the maximum estimated number of courses that the Contractor shall support the NCI Agency Trainers under the scope of this contract.	The Purchaser has already identified the minimum courses to be supported. A maximum number cannot be stated at this time.	No	**AMD2**
CR#130	Book II - SOW	Book II, Part IV, 5.10.3.	Please can the Purchaser confirm that the “Warranty Period” referenced throughout the Statement of Work is the period beginning at FSA and ending 12 months thereafter (as set forth in Clause 32.1.1 of the Prospective Contract)?	SOW Paragraph 5.10.2.1 and 5.10.2.2 define the Warranty Period for hardware elements, and 5.10.2.3 defines the Warranty Period of the software as Operational Baseline.	No	**AMD2**
CR#131	Book II - SOW	Book II, Part IV, 5.6.7.3.	The transfer of warranty rights to other NATO entities would require those entities to be identified to the Contractor so that the Contractor could comply with its export compliance obligations and ensure its support department was sure of those parties authorized to exercise the warranty. Can the Purchaser please confirm that this condition will only become effective as and when the entities have been identified to the Contractor and the relevant required export approvals have been secured?	Currently identified NATO entities are the NATO Commands specified as "Authorised Locations" on which TRITON will be deployed and used.	No	**AMD2**

CR#132	Book II - SOW	Book II, Part IV, 5.9.9.4.1.	This clause is essentially a duplicate of 5.6.7.2. Can the Purchaser please remove clause 5.9.9.4.1 to avoid potential confusion?	Paragraph 5.9.9.4.1 is modified as follows: "*The Contractor shall provide the software warranty and licensing documentation related to any software subject to licensing and handover them to the Purchaser as described in Paragraph 5.6.7."*	Yes	**AMD2**
CR#133	Book II - SOW	Book II, Part IV, 5.9.9.4.2.	This clause is essentially a duplicate of 5.6.7.3. Can the Purchaser please remove clause 5.9.9.4.2 to avoid potential confusion?	As redundant, Paragraphs 5.6.7.3, 5.9.9.4.2, 5.9.9.4.3 are removed.	Yes	**AMD2**
CR#134	Book II - SOW	Book II, Part IV, 5.10.1.3.	Can the Purchaser please confirm that as well as having no warranty liability in respect of the Purchaser amended code, the Contractor also has no warranty responsibility in respect of any impact to the TRITON system resulting from the Purchaser's amended code?	For clarification, Paragraph 5.10.1.3 is modified as follows: *The Warranty for TRITON PBL is limited to the scope provided by the Contractor to the Purchaser. The Purchaser, in consultation with the Contractor, may apply changes to the TRITON PBL. The scope of the Purchaser's changes and its impact on the delivered TRITON PBL will be excluded from the Warranty.*	Yes	**AMD2**
CR#135	Book II - SOW	Book II, Part IV, 5.10.2.4.	Please can the Purchaser clarify this provision by replacing the terminology "fit for purpose" with "shall comply with the purposes made known to the Contractor through the Purchaser's requirements and SOW"?	For clarification, Paragraph 5.10.2.4 is modified as follows: *"For developed software components, the Contractor shall provide the Purchaser with a Warranty that the software component developed to satisfy the Purchaser's requirements shall comply with the purposes described in this SOW and SRS. Re-using the C4ISR Visualisation Component in other applications beyond the Warranty Period of this Contract shall be excluded from the Warranty obligations."*	Yes	**AMD2**
CR#136	Book II - SOW	Book II, Part IV, 5.10.2.4.	In that the intended purpose of the Visualisation Component (particularly in regard to future applications) is unknown, can the Purchaser please confirm any future applications of the Visualisation Component beyond the Triton Project are excluded from the warranty obligations.	Please see CR#135	No	**AMD2**
CR#137	Book II - SOW	Book II, Part IV, 5.10.3.4.1.	Can the Purchaser please confirm that that the requirement for "reactive modification of the software to correct discovered problems" shall be read to mean that any discovered software defect will be categorized against its impact and severity under the defect sentencing procedures and addressed in accordance with those procedures.	Corrective maintenance is carried out when a defect is detected. It aims at restoring the item/component to a condition in which it can perform its intended function. Once a software defect is detected Problem Management Process is initiated. For clarification, Paragraph 5.10.3.4.1 is modified as follows: "*The Contractor shall provide reactive modification (take action when reported) of the software to correct discovered problems."*	Yes	**AMD2**
CR#138	Book II - SOW	Book II, Part IV, 5.10.5.2.	Can the Purchaser confirm that Warranty Support of COTS Software relates only to COTS software provided by the Contractor under the TRITON contract?	For clarification Paragraph 5.10.5.2 is modified as follows: "*The Warranty Support shall include maintenance of any COTS software (e.g. operating system, support software that are supplied by the Contractor under the TRITON Contract) as provided by its vendor."*	Yes	**AMD2**
CR#139	Book II - SOW	Book II, Part IV, 5.10.6.2.	Can the Purchaser please explain its meaning of "Non-repeatable action" in the context of a warranty claim? The Contractor suggests that "Non-repeatable action" is reworded on the basis that the Contractor cannot guarantee a fix for a fault that cannot be repeated.	For clarification, the bullet in Paragraph 5.10.6.2 is modified as follows: *Non-repeatable actions that give symptoms of error (not identifiable without special tests)*	Yes	**AMD2**
CR#140	Book II - SOW	Book II, Part IV, 5.10.6.3.2.	In regard to the wording "….or of the integration of NATO-furnished property into any system delivered under this Contract if the installation, modification or integration of the NATO-furnished property voids or renders unenforceable any warranties otherwise applicable to the NATO-furnished property." Please can the Purchaser insert "by the Contractor" after the word "property"?	Paragraph 5.10.6.3.2 is modified as follows: *"The Warranty shall not apply to alleged defects that the Contractor demonstrates to be in or otherwise attributable to NATO-furnished property as determined, tested, and verified by the tests and procedures set forth in Paragraph 4.12 of this SOW. Notwithstanding this Warranty Case, a defect is not attributable to NATO-furnished property if it is the result of installation or modification of NATO-furnished property by the Contractor or of the integration of NATO-furnished property into any system delivered under this Contract if the installation, modification or integration of the NATO-furnished property by the Contractor voids or renders unenforceable any warranties otherwise applicable to the NATO-furnished property."*	Yes	**AMD2**
CR#141	Book II - SOW	Book II, Part IV, 5.10.8.2.	This Clause states "The Contractor shall ensure availability and readiness for installation of replaceable hardware items within ten (10) days of fault notification". Clause 5.10.4.3 calls for providing a remedy "such as an immediate correction or replacement". Please can the Purchaser confirm that 10 (working) days meets the expectation for response to a hardware replacement provided in Clause 5.10.4.3?	Finding a remedy for a hardware problem may or may not include replacement. For further clarification, Paragraph 5.10.4.3 is modified as follows: "*The Contractor shall provide for a specific remedy in the event a hardware item fails to meet the warranty conditions. This remedy may include an immediate correction/repair at the site, a replacement of the item/component with an available spare, or a replacement process as a Warranty Service."*	Yes	**AMD2**
CR#142	Book II - Work Packages	Book II, Part IV, Annex B, Work Package 4	With regards to the C4ISR Visualization Component, if a respondent proposes a different architecture than prescribed in the RFP that provides better value through greater use of COTS and reduced customization, while still meeting NATO's business and architectural needs, will the respondent be eligible to receive full scoring and consideration in the selection process?	The architectural requirements of the C4ISR Visualization Component are described in detail in paragraph 4.3 of Book II, Part IV, Annex A, SRS. The Purchaser has defined the architecture of the visualisation capability by separating the server and client parts. The scope of the C4ISR Visualisation Component does not include GIS Server capabilities. Bidders may propose changes to the SRS requirements, as described in the RIS, which the Purchaser will evaluate as part of the Technical Proposal. See CR#27 for further details. Bidders should note that significant changes to this architecture may not be accepted.	No	**AMD2**

IFB-CO-13859-TRITON BIDDING SHEETS

Contract Bidding Documentation
ANNEX 1 to General Provisions - Bidding Sheets
IFB-CO-13859-TRITON
Ammendment 1

The tabs contained in this workbook are the Basis of Estimate (BOE) for the proposal.

Legend

	Headings / Background
	Bidder Input Cell
	To be Completed by the NCI Agency Contracting
	Background / Information Only

Summary Bidders Input Cells	Description
UNIT PRICE	*Provide the unit price for the item in your selected currency*
TOTAL PRICE	*Provide the total price of all items in your selected currency*

CLIN Bidding Sheets Instructions

INTRODUCTION
All bidders are required to submit pricing details to demonstrate the Purchaser's Pricing Principles are being applied as part of their bids (in the absence of a pre-approved National Format). All data completed in these sheets shall be complete, verifiable and factual and include the required details. Any exclusions may render your bid as non compliant thus removing yourself from the bidding process. Input cells are colour coded **YELLOW**. Modify other cells as required and in accordance with the instructions below. Please use the **CLIN PRICING** sheets to provide the required pricing details **FOR EACH CLIN.** However replicate sheets as required. Please see Bidding Instructions for further details.

FORM INPUTS

PRICING SUMMARY ASSUMPTIONS	
Currency:	*Select currency of input values from drop down list.*
Calendar Year:	*Select Year 1 of the spread profile from the drop down list.*
Quantity	*Enter quantities of proposed item(s) in the time profiling inputs to the right.*
Unit Cost	*Enter the unit cost of the proposed item(s) for each year.*
Total Estimated Cost	*This is a calculated value (Quantity x Unit Price) and should not be altered.*

CATEGORY	DESCRIPTION	APPLICATION
1. DIRECT MATERIAL	*A. Purchased Equipment - Items purchased as part of the proposed solution. Please provide vendor quotes and/or invoices along with quantity and prices.* *B. Subcontracted Item - Items procured through sub contracts as part of the proposed solution. Please provide subcontractor quotes and/or invoices along with quantity and prices. Prices must be traceable to the Subcontract & Material BOE tab* *C. Other Equipment/Materials - Items procured as part of the proposed solution. Please provide vendor quotes and/or invoices along with quantity and prices.*	*1. Insert the Equipment Item Name(s).* *2. Provide a time phased (monthly) breakdown of quantities.* *3. Provide unit prices against each equipment item for each year.* *4. Insert comments/descriptions/references/explanation of calculation method under the 'Notes' column*
2. DIRECT LABOUR	*Direct labour is all effort directly expended by the bidder for the proposed solution*	*1. Insert the direct labour title(s).* *2. Provide a time phased (monthly) breakdown of labour hours.* *3. Provide hourly rates against each labour title for each year.* *4. Insert comments/descriptions/references/explanation of calculation method under the 'Notes' column.*
3. SUBCONTRACT LABOUR	*Indirect labour is all effort expended by the sub-contractor for the proposed solution. Prices must be traceable to the Subcontract & Material BOE tab*	*1. Insert the subcontract labour title(s).* *2. Provide a time phased (monthly) breakdown of labour hours.* *3. Provide hourly rates against each labour title for each year.* *4. Insert comments/descriptions/references/explanation of calculation method under the 'Notes' column*
4. TRAVEL	*Includes all travel associated with the procurement and delivery of the proposed solution.*	*1. Insert the Trip Name(s).* *2. Provide number of trips being made.* *3. Provide number of people travelling.* *4. Provide number of days per trip.* *5. Provide cost of round trip flight.* *6. Provide daily per diem rate.* *7. Insert comments/descriptions/references/explanation of calculation method under the 'Notes' column including the location & reference to SOW.*
5. OTHER DIRECT COSTS	*Additional direct costs directly expended by the bidder for the proposed solution that do not fit in any of the above categories.*	*1. Insert the Other Direct Cost title(s).* *2. Provide a time phased (monthly) breakdown of unit quantities.* *3. Provide unit costs against each title.* *4. Insert comments/descriptions/references/explanation of calculation method under the 'Notes' column.*
6. TOTAL FEE / PROFIT %	*Provide all FEE/PROFIT percentage applied to costs in accordance with your approved national accounting standards.*	*Provide calculation used in application of FEE/PROFIT into the price.*
7. OTHER FACTORS	*Provide any OTHER FACTOR percentage applied to costs in accordance with your approved national accounting standards. Insert comments/descriptions/references/explanation of calculation method under the 'Notes' column.*	*Provide calculation used in application of FACTORS into the price.*
GRAND TOTAL	*The total shall feed into the SSS.*	*Total Price including direct cost, indirect cost, rates and factors as applied above. Please do not forget to amend the title to reflect the appropriate CLIN number.*

IFB-CO-13859-TRITON											
CLIN SUMMARY											
BASIC CONTRACT CLIN SUMMARY											
CLIN	**DESCRIPTION**	**SOW REFERENCE**	**WP REFERENCE**	**DELIVERY DATE**	**DELIVERY DESTINATION**	**DELIVERY FORM**	**UNIT**	**QTY**	**UNIT PRICE**	**PRICE (Currency)**	**Comments**
1	**PROJECT MANAGEMENT**										
1.1	**Project Resources**									**€ -**	
1.1.1	Project Management Office	3.5	2.3.1	PMR	Contractor's Premises	As Required	Lot	1	€ -	€ -	
1.1.2	Project Website and Collaborative Working Environment (CWE)	3.6	2.3.2	PMR; 4 wks after WP1 PSD	Online	Online	Each	1	€ -	€ -	
1.1.3	Perform Project Management Process	3	2.1	Until FSA	Contractor's Premises	As Required	Lot	1			NSP
1.2	**Project Planning**									**€ -**	
1.2.1	Project Management Plan (PMP)	3.7	2.4.1	PMR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.2	Project Product Breakdown Structure (PPBS) (Breakdown Structure, Product Descriptions, Product Flow Diagram)	3.8	2.4.2	PMR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.3	Project Work Breakdown Structure (PWBS)	3.9	2.4.3	PMR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.4	Project Master Schedule (PMS)	3.10	2.4.4	PMR	CWE	Electronic	Each	1	€ -	€ -	
1.2.5	Work Package Management	3.11	2.4.5	PMR	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
1.2.6	Perform Risk Management Process	3.12	2.5	Until FSA	Contractor's Premises	As Required	Lot	1			NSP
1.2.7	Risk Management Plan (RMP)	3.12.4	2.5.2	PMR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.8	Perform Quality Management Process	3.13	2.6	Until FSA	Contractor's Premises	As Required	Lot	1			NSP
1.2.9	Quality Plan (QP)	3.13.2	2.6.2	PMR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.10	System Development Plan (SDP) Annex - Requirements Implementation Schedule (RIS) Annex - Usability Engineering Plan (UEP) Annex - Security Accreditation Plan (SAP)	4.6	2.9.1	PMR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.11	Perform Configuration Management Process	4.7	2.7	Until FSA	Contractor's Premises	As Required	Lot	1			NSP
1.2.12	Configuration Management Plan (CMP)	4.7.5	2.7.2	PMR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.13	Perform Integrated Logistic Support Process	5	2.8	Until FSA	Contractor's Premises	As Required	Lot	1			NSP
1.2.14	Integrated Support Plan (ISP) (draft) Annex - Transportation Plan (TransP)	5.2	2.8.2	PMR	CWE	Electronic	Each	1	€ -	€ -	
1.2.15	Integrated Support Plan (ISP) (initial)	5.2	2.8.2	CDR	CWE	Electronic	Each	1	€ -	€ -	
1.2.16	Integrated Support Plan (ISP) (final)	5.2	2.8.2	SQR-2 Updated at SQR-3, 4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.17	In-Service Support Plan (ISSP) Annex - System Maintenance Plan (SMP) Annex - Obsolescence Management Plan (OMP)	5.3	2.8.3	SQR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.18	Test Management Plan (TMP) (initial) Annex - Security Test and Verification Plan (STVP) Annex - System Validation Plan (SVP) (draft)	4.12.2	2.9.2	CDR	CWE	Electronic	Each	1	€ -	€ -	
1.2.19	Test Management Plan (TMP) (updated, with STVP and SVP)	4.12.2	2.9.2	TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.2.20	Test Management Tool Demonstration	4.12.3	2.9.3	PMR	CWE	Electronic	Each	1	€ -	€ -	
1.3	**Monitoring and Control**									**€ -**	
1.3.1	Risk Register and Issue Register	3.12	2.5.2	PMR	CWE	Electronic	Each	1	€ -	€ -	
1.3.2	Quality Register	3.13	2.6.2	PMR	CWE	Electronic	Each	1	€ -	€ -	
1.3.3	Lessons Log and Lessons Learned Report	3.3.8	2.10.3	PMR, each PCR	CWE	Electronic	Lot	1	€ -	€ -	
1.3.4	Perform Change Management Process	4.7.7	2.7.7	Until FSA	Contractor's Premises	As Required	Lot	1			NSP
1.3.5	Change Requests, Deficiency Reports	4.7.8, 4.7.9	2.7.3	As required	CWE	Electronic	Lot	1	€ -	€ -	
1.3.6	Configuration Status Accounting Database (CSAD)	4.7.10.5	2.7.8	PMR; as changes occur	CWE	Electronic	Each	1	€ -	€ -	
1.3.7	Project Highlight Reports (PHR)	3.17	2.10.1	Monthly	NCIA-TH, CWE	Paper, Electronic	Each	36	€ -	€ -	
1.3.8	Final System Acceptance Report (FSA-R)	4.14.8.3	2.10.5	CCM	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.4	**Project Meetings and Reviews**									**€ -**	
1.4.1	Minutes of Meetings			After each meeting	CWE	Electronic	Lot	1	€ -	€ -	
1.4.2	Conduct Project Kick-off Meeting	3.15.2	2.11.2	2 wks after EDC	NCIA-TH	Meeting	Each	1	€ -	€ -	
1.4.3	Project Kick-off Meeting Report	3.15.2.5	2.11.2	After the meeting	CWE	Electronic	Each	1	€ -	€ -	
1.4.4	Attending Integrated Project Management Team (IPMT) Meetings	3.15.3	2.11.3	Quarterly or as required	To be Defined	Meeting	Lot	1	€ -	€ -	
1.4.5	Configuration Control Board (CCB) Meetings	3.15.3	2.11.3	As required	NCIA-TH	Meeting	Lot	1	€ -	€ -	
1.4.6	Configuration Audit Report (CAuR)	4.7.11	2.7.6	After each BL TRR	NCIA-TH, CWE	Paper, Electronic	Each	4	€ -	€ -	
1.4.7	Conduct Project Management Review (PMR) Meeting	3.16.2.2	2.14.1	PMR	Contractor's Premises	Meeting	Lot	1	€ -	€ -	
1.4.8	Project Management Review Report (PMR-R)	3.16.2.2	2.14.1	After PMR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.4.9	Conduct Project Checkpoint Review (PCR) Meetings	3.16.2.2	2.14.1	PCR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
1.4.10	Project Checkpoint Review Reports (PCR-R)	3.16.3	2.14.2	at CP Reviews	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
1.4.11	Conduct Provisional System Acceptance (PSA) Process	4.14.7	2.10.4.2	PSAR	NCIA-TH	As Required	Lot	1			NSP
1.4.12	Provisional System Acceptance Review Report (PSAR-R)	3.19	2.12.1.2	After PSAR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.4.13	Conduct Final System Acceptance (FSA) Process	4.14.8	2.10.5	Prior to CCM	NCIA-TH	As Required	Lot	1			NSP
1.4.14	Final System Acceptance Report (FSA-R)	3.19	2.12.1.2	After PSAR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.4.15	Conduct Contract Close-out Meeting (CCM)	3.19.1.4	2.12.1	CCM	NCIA-TH	Meeting	Lot	1	€ -	€ -	
1.4.16	Contract Close-out Meeting Report (CCM-R)	3.19.1.5	2.12.1.2	After CCM	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
1.5	**Other Project Management Work**									**€ -**	
1.5.1	Other Project-related Work	3.20	2.13	As required	NCIA-TH, CWE	As Required	Lot	1	€ -	€ -	
1.5.2	Project Information Materials	3.20.1.4	2.13.2	As required	NCIA-TH, CWE	As Required	Lot	1	€ -	€ -	
1.5.3	Attendance to Meetings and Conferences	3.20.1.4	2.13.2	On Purchaser Request	As needed	Meeting	Lot	1	€ -	€ -	
TOTAL PRICE CLIN 1										**€ -**	
2	**SYSTEMS ENGINEERING SERVICES**										
2.1	**System Requirements Analysis**									**€ -**	
2.1.1	Perform System Requirements Analysis Process	4.8	3.3.1	PMR to SRR	Contractor's Premises	As Required	Lot	1			NSP
2.1.2	Requirements Management Database (RMD)	4.8.9	3.3.1.2	PMR	CWE	Electronic	Each	1	€ -	€ -	
2.1.3	System Requirements Specification (SyRS)	4.8.3	3.3.1.3	SRR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	

2.1.4	User Interface Specification (UIS) (draft)	4.8.4	3.3.1.4	PDR	CWE	Electronic	Lot	1	€ -	€ -	
2.1.5	User Interface Specification (UIS) (preliminary)	4.8.4	3.3.1.4	CDR updated at each SwDR	CWE	Electronic	Each	1	€ -	€ -	
2.1.6	Security Risk Assessment Report (SRA-R)	4.8.5	3.3.1.5	SRR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
2.1.7	System-Specific Security Requirements Statement (SSRS)-Draft	4.8.6	3.3.1.6	SRR	CWE	Electronic	Each	1	€ -	€ -	
2.1.8	Community Security Requirements Statement (CSRS)-Draft	4.8.6	3.3.1.6	SRR	CWE	Electronic	Each	1	€ -	€ -	
2.1.9	System Interconnection Security Requirements Statements (SISRS)-Draft	4.8.6	3.3.1.6	SRR	CWE	Electronic	Each	1	€ -	€ -	
2.2	**System Architectural Design**									€ -	
2.2.1	Perform System Architectural Design Process	4.9	3.3.2	SRR to CDR	Contractor's Premises	As Required	Lot	1			NSP
2.2.2	System Design Specification (SDS) Annex - Requirements Traceability Matrix (RTM) Annex - System Security Design Specification (SSDS)	4.9.2	3.3.2.2	PDR	CWE	Electronic	Each	1	€ -	€ -	
2.2.3	User Interface Mock-Up or Low Fidelity Prototype	4.9.1.8	3.3.1.4.2	CDR	CWE	Electronic	Each	1	€ -	€ -	
2.2.4	Interface Control Descriptions (ICDs) (for external systems)	4.9.2.17	3.3.2.3	CDR	CWE	Electronic	Each	1	€ -	€ -	
2.2.5	TRITON Interface Control Description (ICD) (v1)	4.9.2.17	3.3.2.3	CDR	CWE	Electronic	Each	1	€ -	€ -	
2.2.6	System Validation Test (SVT) Procedure (preliminary)	4.14.3	3.3.2	CDR	CWE	Electronic	Lot	1	€ -	€ -	
2.3	**System Validation**									€ -	
2.3.1	Conduct System Validation Process	4.14	3.3.5	Between PSA and FSA	Selected Site	As Required	Lot	1			NSP
2.3.2	System Validation Test (SVT) Procedure (final)	4.14.3	3.3.5.2	PSA	CWE	Electronic	Each	1	€ -	€ -	
2.4	**Meetings and Reviews**									€ -	
2.4.1	Conduct System Requirements Review (SRR)	4.8.8	3.4.1	SRR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
2.4.2	System Requirements Review Report (SRR-R)	4.8.8	3.4.1.1	After SRR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
2.4.3	Conduct Preliminary Design Review (PDR)	4.9.3	3.4.2	PDR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
2.4.4	Preliminary Design Review Report (PDR-R)	4.9.3	3.4.2.1	After PDR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
2.4.5	Conduct Critical Design Review (CDR)	4.9.4	3.4.3	CDR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
2.4.6	Critical Design Review Report (CDR-R)	4.9.4	3.4.3.1	After CDR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
2.4.7	Joint Technical Reviews (JTR)	4.5.1	3.4.4	As needed	NCIA-TH or On-line	Meeting	Lot	1	€ -	€ -	
2.4.8	Working Group (WG) Meetings - Minutes	4.4	3.4.4	After JTR	CWE	Electronic	Lot	1	€ -	€ -	
2.4.9	Conduct System Validation Review (SVR)	4.14.6	3.4.5	SVR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
2.4.10	System Validation Review Report (SVR-R)	4.14.6	3.4.5.1	After SVR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
TOTAL PRICE CLIN 2										€ -	
3.1	**BUILD PROCESS 1**										
3.1.1	**Software Requirements Analysis**									€ -	
3.1.1.1	Perform Software Requirements Analysis Process	4.10.2.4	4.3.2	PSD to SwRR-1	Contractor's Premises	As Required	Lot	1			NSP
3.1.1.2	Software Requirements Specification (SRS) (v1)	4.10.2.4.4	4.3.2.2	SwRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.1.3	Preliminary User Interface Specification (UIS) (v1)	4.10.2.6.7	4.3.2.3	SwRR-1	CWE	Electronic	Each	1	€ -	€ -	
3.1.2	**Software Architectural and Detailed Design**									€ -	
3.1.2.1	Perform Software Architectural and Detailed Design Process	4.10.2.5/6	4.3.3	SwRR-1 to SwDR-1	Contractor's Premises	Electronic	Lot	1			NSP
3.1.2.2	Preliminary Software Architecture Description (SAD)	4.9.1.7	3.3.2	PDR	CWE	Electronic	Each	1	€ -	€ -	
3.1.2.3	Preliminary Database Design Description (DDD)	4.9.1.7	3.3.2	PDR	CWE	Electronic	Each	1	€ -	€ -	
3.1.2.4	Software Architecture Description (SAD) (v1)	4.10.2.5.5	4.3.3.2	SwDR-1 (CDR)	CWE	Electronic	Each	1	€ -	€ -	
3.1.2.5	Database Design Description (DDD) (v1)	4.10.2.5.6	4.3.3.3	SwDR-1 (CDR)	CWE	Electronic	Each	1	€ -	€ -	
3.1.2.6	Software Design Description (SDD) (CI-level set, for information)	4.10.2.6.6	4.3.3.4	SwDR-1 (CDR)	CWE	Electronic	Lot	1	€ -	€ -	
3.1.2.7	User Interface Specification (UIS) (v1)	4.10.2.6.7	4.3.3.5	SwDR-1 (CDR)	CWE	Electronic	Each	1	€ -	€ -	
3.1.2.8	TRITON Interface Control Description (ICD) (v2)	4.9.2.17	4.3.3.6	SwDR-1 (CDR)	CWE	Electronic	Each	1	€ -	€ -	
3.1.3	**Software Construction, Testing and Integration**									€ -	
3.1.3.1	Perform Software Construction Process	4.10.2.7	4.3.4	SwDR-1 to FAT-1	Contractor's Premises	SW/Labour	Lot	1			NSP
3.1.3.2	Concept Demonstration System (CDS) installation and activation in PMIC	4.13.10.1	4.3.5	SwDR-1 to TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.3	Perform Software Integration and Testing Process	4.10.2.8-9	4.3.6	Before FAT-1	Contractor's Premises	N/A	Lot	1			NSP
3.1.3.4	Software Test Description (STD) (CI-level set, for information)	4.10.2.9.2	4.3.6.1	TRR-1	CWE	Electronic	Each	1	€ -	€ -	
3.1.3.5	Test Management Tool (with actual data)	4.12.3	4.4.3.2	TRR-1	CWE	Electronic	Each	1	€ -	€ -	
3.1.3.6	Factory Acceptance Test (FAT) Procedure	4.12.12.1.4	4.3.6.2	TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.7	System Integration Test (SIT) Procedure	4.12.12.3.4	4.3.6.2	TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.8	System Support and Maintenance Acceptance Test (SSMAT) Procedure	4.12.12.4.6	4.3.6.2	TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.9	User Assessment Test (UAT) Procedure	4.12.12.5.5	4.3.6.2	TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.10	Security Operating Procedures (SecOps)	4.12.12.2.5	4.3.6.2	TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.11	Security Implementation Verification Procedures (SIVP)	4.12.12.2.6	4.3.6.2	TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.12	Perform Internal System Tests	4.10.2.9.3	4.3.6.5	Before TRR-1	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.1.3.13	Internal System Test Report (IST-R)	4.10.2.9.3	4.3.6.5	TRR-1	CWE	Electronic	Lot	1	€ -	€ -	
3.1.3.14	Source Code Review Report (SCR-R)	4.10.2.7.5	4.3.6.6	TRR-1	CWE	Electronic	Each	1	€ -	€ -	
3.1.3.15	Conduct Security Test and Evaluation (ST&E)	4.12.12.2	4.3.6.7	Before TRR-1	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.1.3.16	Security Test and Evaluation Report (ST&E-R)	4.12.12.2.7	4.3.6.7	TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.17	Conduct Factory Acceptance Test (FAT)	4.12.12.1	4.3.9.2	FAT-1	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.1.3.18	Factory Acceptance Test Report (FAT-R)	4.12.12.1.8	4.3.9.3	After FAT-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.19	Perform System Integration Activity	4.11.2	4.3.8	Before SIT-1	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.1.3.20	Conduct System Integration Test (SIT)	4.12.12.3	4.3.9.2	SIT-1	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.1.3.21	System Integration Test Report (SIT-R)	4.12.12.3.10	4.3.9.3	After SIT-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.22	Software Installation Guide (SIG)	4.12.12.4.3	4.3.6.2	Prior to SSMAT-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.23	Conduct System Support and Maintenance Acceptance Test (SSMAT)	4.12.12.4	4.3.9.2	SSMAT-1	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.1.3.24	System Support and Maintenance Acceptance Test Report (SSMAT-R)	4.12.12.4	4.3.9.3	After SSMAT-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.25	Conduct User Assessment Test (UAT)	4.12.12.5	4.3.9.2	UAT-1	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.1.3.26	User Assessment Test Report (UAT-R)	4.12.12.5	4.3.9.3	After UAT-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.3.27	Perform Regression Tests (RegT)	4.12.12.6	4.3.9.2	When necessary	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.1.3.28	Regression Test Reports (RegT-R)	4.12.12.6	4.3.9.3	After Reg.Tests	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
3.1.3.29	Software Version Description (SVD) (BL1)	4.10.2.11	4.3.7	IPC-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	

3.1.3.30	Support to IV&V Testing	4.12.12.7	4.3.9.2	IV&V Testing	NCIA-Casteau	As Required	Lot	1	€ -	€ -	
3.1.3.31	TRITON-NS Operational Software - BL1 (in AFPL)	4.7.3	4.1.1	PED	CWE	SW	Each	1	€ -	€ -	
3.1.4	**Meetings and Reviews**									€ -	
3.1.4.1	Conduct Software Requirements Review (SwRR)	4.10.2.4.6	4.4.1	SwRR-1	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.1.4.2	Software Requirements Review Report (SwRR-R)	4.10.2.4.6	4.4.1.1	After SwRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.4.3	Conduct Software Design Review Report (SwDR-R)	4.10.2.6.8	4.4.2	SwDR-1	NCIA-TH	Paper, Electronic	Lot	1	€ -	€ -	
3.1.4.4	Software Design Review Report (SwDR-R)	4.10.2.6.8	4.4.2.1	After SwDR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.4.5	Conduct Test Readiness Review (TRR)	4.12.5	4.4.3	TRR-1	Contractor's Premises	Meeting	Lot	1	€ -	€ -	
3.1.4.6	Test Readiness Review Report (TRR-R)	4.12.5.6	4.4.3.1	After TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.4.7	Attend IV&V Initial and Final Planning Conferences (IPC and FPC)	4.12.12.7.18	4.4.4	IPC-1	NCIA-Casteau	Meeting	Lot	1	€ -	€ -	
3.1.4.8	Conduct System Verification Review (SVerR)	4.12.13	4.4.5	SVR-1	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.1.4.9	System Verification Review Report (SVerR-R)	4.12.13.4	4.4.5.1	After SVR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.1.4.10	Support User Assessment Reviews (UAR)	3.16.5	4.4.6	UARs	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.1.4.11	Working Group (WG) Meetings - Minutes	4.4	4.3.1	After Meetings	CWE	Electronic	Lot	1	€ -	€ -	
TOTAL PRICE CLIN 3.1										€ -	
3.2	**BUILD PROCESS 2**										
3.2.1	**Software Requirements Analysis**									€ -	
3.2.1.1	Perform Software Requirements Analysis Process	4.10.2.4	5.3.2	PSD to SwRR-2	Contractor's Premises	As Required	Lot	1			NSP
3.2.1.2	Software Requirements Specification (SRS) (v2)	4.10.2.4.4	5.3.2.2	SwRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.1.3	Preliminary User Interface Specification (UIS) (v2)	4.10.2.6.7	5.3.2.3	SwRR-2	CWE	Electronic	Each	1	€ -	€ -	
3.2.2	**Software Architectural and Detailed Design**									€ -	
3.2.2.1	Perform Software Architectural and Detailed Design Process	4.10.2.5/6	5.3.3	SwRR-2 to SwDR-2	Contractor's Premises	As Required	Lot	1			NSP
3.2.2.2	Software Architecture Description (SAD) (v2)	4.10.2.5.5	5.3.3.2	SwDR-2	CWE	Electronic	Each	1	€ -	€ -	
3.2.2.3	Database Design Description (DDD) (v2)	4.10.2.5.6	5.3.3.3	SwDR-2	CWE	Electronic	Each	1	€ -	€ -	
3.2.2.4	Software Design Description (SDD) (CI-level set, for information)	4.10.2.6.6	5.3.3.4	SwDR-2	CWE	Electronic	Lot	1	€ -	€ -	
3.2.2.5	User Interface Specification (UIS) (v2)	4.10.2.6.7	5.3.3.5	SwDR-2	CWE	Electronic	Each	1	€ -	€ -	
3.2.2.6	TRITON Interface Control Description (ICD) (v3)	4.9.2.17	5.3.3.6	SwDR-2	CWE	Electronic	Each	1	€ -	€ -	
3.2.3	**Software Construction, Testing and Integration**									€ -	
3.2.3.1	Perform Software Construction Process	4.10.2.7	5.3.4	SwDR-2 to FAT-2	Contractor's Premises	SW/Labour	Lot	1			NSP
3.2.3.2	Perform Software Integration and Testing Process	4.10.2.8-9	5.3.5	Before FAT-2	Contractor's Premises	As Required	Lot	1			NSP
3.2.3.3	Software Test Description (STD) (CI-level set, for information)	4.10.2.9.2	5.3.5.1	TRR-2	CWE	Electronic	Each	1	€ -	€ -	
3.2.3.4	Factory Acceptance Test (FAT) Procedure	4.12.12.1.4	5.3.5.2	TRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.5	System Integration Test (SIT) Procedure	4.12.12.3.4	5.3.5.2	TRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.6	System Support and Maintenance Acceptance Test (SSMAT) Procedure	4.12.12.4.6	5.3.5.2	TRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.7	User Assessment Test (UAT) Procedure	4.12.12.5.5	5.3.5.2	TRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.8	Security Operating Procedures (SecOps)	4.12.12.2.5	5.3.5.2	TRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.9	Security Implementation Verification Procedures (SIVP)	4.12.12.2.6	5.3.5.2	TRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.10	Perform Internal System Tests	4.10.2.9.3	5.3.5.5	Before TRR-2	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.2.3.11	Internal System Test Report (IST-R)	4.10.2.9.3	5.3.5.5	TRR-2	CWE	Electronic	Lot	1	€ -	€ -	
3.2.3.12	Source Code Review Report (SCR-R)	4.10.2.7.5	5.3.5.6	TRR-2	CWE	Electronic	Each	1	€ -	€ -	
3.2.3.13	Conduct Security Test and Evaluation (ST&E)	4.12.12.2	5.3.5.7	Before TRR-2	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.2.3.14	Security Test and Evaluation Report (ST&E-R)	4.12.12.2.7	5.3.5.7	TRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.15	Conduct Factory Acceptance Test (FAT)	4.12.12.1	5.3.8.2	FAT-2	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.2.3.16	Factory Acceptance Test Report (FAT-R)	4.12.12.1	5.3.8.3	After FAT-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.17	Perform System Integration Activity	4.11.2	5.3.7	Before SIT-2	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.2.3.18	Conduct System Integration Test (SIT)	4.12.12.3	5.3.8.2	SIT-2	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.2.3.19	System Integration Test Report (SIT-R)	4.12.12.3.10	5.3.8.3	After SIT-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.20	Software Installation Guide (SIG)	4.12.12.4.3	5.3.5.2	Prior to SSMAT-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.21	Conduct System Support and Maintenance Acceptance Test (SSMAT)	4.12.12.4	5.3.8.2	SSMAT-2	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.2.3.22	System Support and Maintenance Acceptance Test Report (SSMAT-R)	4.12.12.4	5.3.8.3	After SSMAT-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.23	Conduct User Assessment Test (UAT)	4.12.12.5	5.3.8.2	UAT-2	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.2.3.24	User Assessment Test Report (UAT-R)	4.12.12.13	5.3.8.3	After UAT-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.25	Perform Regression Tests (RegT)	4.12.12.6	5.3.8.2	When necessary	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.2.3.26	Regression Test Reports (RegT-R)	4.12.12.6	5.3.8.3	After Reg.Tests	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
3.2.3.27	Software Version Description (SVD) (BL2)	4.10.2.11	5.3.6	IPC-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.3.28	Support to IV&V Testing	4.12.12.7	5.3.8.2	IV&V Testing	NCIA-Casteau	As Required	Lot	1	€ -	€ -	
3.2.3.29	TRITON-NS Operational Software - BL2 (in AFPL)	4.7.3	5.1.1	PED	CWE	SW/Labour	Each	1	€ -	€ -	
3.2.4	**Meetings and Reviews**									€ -	
3.2.4.1	Conduct Software Requirements Review (SwRR)	4.10.2.4.6	5.4.1	SwRR-2	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.2.4.2	Software Requirements Review Report (SwRR-R)	4.10.2.4.6	5.4.1.1	After SwRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.4.3	Conduct Software Design Review (SwDR)	4.10.2.6.8	5.4.2	SwDR-2	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.2.4.4	Software Design Review Report (SwDR-R)	4.10.2.6.8	5.4.2.1	After SwDR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.4.5	Conduct Test Readiness Review (TRR)	4.12.5	5.4.3	TRR-2	Contractor's Premises	Meeting	Lot	1	€ -	€ -	
3.2.4.6	Test Readiness Review Report (TRR-R)	4.12.5.6	5.4.3.1	After TRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.4.7	Attend IV&V Initial and Final Planning Conferences (IPC and FPC)	4.12.12.7.18	5.4.4	IPC-2	NCIA-Casteau	Meeting	Lot	1	€ -	€ -	
3.2.4.8	Conduct System Verification Review (SVerR)	4.12.13	5.4.5	SVR-2	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.2.4.9	System Verification Review Report (SVerR-R)	4.12.13.4	5.4.5.1	After SVR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.4.10	Conduct Operational Test Readiness Review (OTRR)	4.13.9	5.4.6	OTRR-2	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.2.4.11	Operational Test Readiness Review Report (OTRR-R)	4.13.9.6	5.4.6.1	After OTRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.2.4.12	Support User Assessment Reviews (UAR)	3.16.15	5.4.7	UARs	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.2.4.13	Working Group (WG) Meetings - Minutes	4.4	5.3.1	After Meetings	CWE	Electronic	Lot	1	€ -	€ -	
TOTAL PRICE CLIN 3.2										€ -	
3.3	**BUILD PROCESS 3**										
3.3.1	**Software Requirements Analysis**									€ -	
3.3.1.1	Perform Software Requirements Analysis Process	4.10.2.4	6.3.2	PSD to SwRR-3	Contractor's Premises	As Required	Lot	1			NSP
3.3.1.2	Software Requirements Specification (SRS) (v3)	4.10.2.4.4	6.3.2.2	SwRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.3.1.3	Preliminary User Interface Specification (UIS) (v3)	4.10.2.6.7	6.3.2.3	SwRR-3	CWE	Electronic	Each	1	€ -	€ -	

3.3.2	**Software Architectural and Detailed Design**										€ -	
3.3.2.1	Perform Software Architectural and Detailed Design Process	4.10.2.5/6	6.3.3	SwRR-3 to SwDR-3	Contractor's Premises	As Required	Lot	1				NSP
3.3.2.2	Software Architecture Description (SAD) (v3)	4.10.2.5.5	6.3.3.2	SwDR-3	CWE	Electronic	Each	1	€ -	€ -		
3.3.2.3	Database Design Description (DDD) (v3)	4.10.2.5.6	6.3.3.3	SwDR-3	CWE	Electronic	Each	1	€ -	€ -		
3.3.2.4	Software Design Description (SDD) (CI-level set, for information)	4.10.2.6.6	6.3.3.4	SwDR-3	CWE	Electronic	Lot	1	€ -	€ -		
3.3.2.5	User Interface Specification (UIS) (v3)	4.10.2.6.7	6.3.3.5	SwDR-3	CWE	Electronic	Each	1	€ -	€ -		
3.3.2.6	TRITON Interface Control Description (ICD) (v4)	4.9.2.17	6.3.3.6	SwDR-3	CWE	Electronic	Each	1	€ -	€ -		
3.3.3	**Software Construction, Testing and Integration**										€ -	
3.3.3.1	Perform Software Construction Process	4.10.2.7	6.3.4	SwDR-3 to FAT-3	Contractor's Premises	SW/Labour	Lot	1				NSP
3.3.3.2	Perform Software Integration and Testing Process	4.10.2.8-9	6.3.5	SwDR-3 to FAT-3	Contractor's Premises	As Required	Lot	1				NSP
3.3.3.3	Software Test Description (STD) (CI-level set, for information)	4.10.2.9.2	6.3.5.1	TRR-3	CWE	Electronic	Each	1	€ -	€ -		
3.3.3.4	Factory Acceptance Test (FAT) Procedure	4.12.12.1.4	6.3.5.2	TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.5	System Integration Test (SIT) Procedure	4.12.12.3.4	6.3.5.2	TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.6	System Support and Maintenance Acceptance Test (SSMAT) Procedure	4.12.12.4.6	6.3.5.2	TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.7	User Assessment Test (UAT) Procedure	4.12.12.5.5	6.3.5.2	TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.8	Security Operating Procedures (SecOps)	4.12.12.2.5	6.3.5.2	TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.9	Security Implementation Verification Procedures (SIVP)	4.12.12.2.6	6.3.5.2	TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.10	Perform Internal System Tests	4.10.2.9.3	6.3.5.5	Before TRR-3	Contractor's Premises	As Required	Lot	1	€ -	€ -		
3.3.3.11	Internal System Test Report (IST-R)	4.10.2.9.3	6.3.5.5	TRR-3	CWE	Electronic	Lot	1	€ -	€ -		
3.3.3.12	Source Code Review Report (SCR-R)	4.10.2.7.5	6.3.5.6	TRR-3	CWE	Electronic	Each	1	€ -	€ -		
3.3.3.13	Conduct Security Test and Evaluation (ST&E)	4.12.12.2	6.3.5.7	Before TRR-3	Contractor's Premises	As Required	Lot	1	€ -	€ -		
3.3.3.14	Security Test and Evaluation Report (ST&E-R)	4.12.12.2.7	6.3.5.7	TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.15	Conduct Factory Acceptance Test (FAT)	4.12.12.1	6.3.8.2	FAT-3	Contractor's Premises	As Required	Lot	1	€ -	€ -		
3.3.3.16	Factory Acceptance Test Report (FAT-R)	4.12.12.1	6.3.8.2	After FAT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.17	Perform System Integration Activity	4.11.2	6.3.7	Before SIT-3	NCIA-TH	As Required	Lot	1	€ -	€ -		
3.3.3.18	Conduct System Integration Test (SIT)	4.12.12.3	6.3.8.2	SIT-3	NCIA-TH	As Required	Lot	1	€ -	€ -		
3.3.3.19	System Integration Test Report (SIT-R)	4.12.12.3	6.3.8.3	After SIT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.20	Software Installation Guide (SIG)	4.12.12.4.3	6.3.5.2	Prior to SSMAT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.21	Conduct System Support and Maintenance Acceptance Test (SSMAT)	4.12.12.4	6.3.8.2	SSMAT-3	NCIA-TH	As Required	Lot	1	€ -	€ -		
3.3.3.22	System Support and Maintenance Acceptance Test Report (SSMAT-R)	4.12.12.4	6.3.8.3	After SSMAT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.23	Conduct User Assessment Test (UAT)	4.12.12.5	6.3.8.2	UAT-3	NCIA-TH	As Required	Lot	1	€ -	€ -		
3.3.3.24	User Assessment Test Report (UAT-R)	4.12.12.5.13	6.3.8.3	After UAT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.25	Perform Regression Tests (RegT)	4.12.12.6	6.3.8.2	When necessary	Contractor's Premises	As Required	Lot	1	€ -	€ -		
3.3.3.26	Regression Test Reports (RegT-R)	4.12.12.6	6.3.8.3	After Reg.Tests	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -		
3.3.3.27	Software Version Description (SVD) (BL3)	4.10.2.11	6.3.6	IPC-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.3.28	Support to IV&V Testing	4.12.12.7	6.3.8.2	IV&V Testing	NCIA-Casteau	As Required	Lot	1	€ -	€ -		
3.3.3.29	TRITON-NS Operational Software - BL3 (in AFPL)	4.7.3	6.1.1	PED	CWE	SW	Each	1	€ -	€ -		
3.3.4	**Meetings and Reviews**										€ -	
3.3.4.1	Conduct Software Requirements Review (SwRR)	4.10.2.4.6	6.4.1	SwRR-3	NCIA-TH	Meeting	Lot	1	€ -	€ -		
3.3.4.2	Software Requirements Review Report (SwRR-R)	4.10.2.4.6	6.4.1.1	After SwRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.4.3	Conduct Software Design Review (SwDR)	4.10.2.6.8	6.4.2	SwDR-3	NCIA-TH	Meeting	Lot	1	€ -	€ -		
3.3.4.4	Software Design Review Report (SwDR-R)	4.10.2.6.8	6.4.2.1	After SwDR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.4.5	Conduct Test Readiness Review (TRR)	4.12.5	6.4.3	TRR-3	Contractor's Premises	Meeting	Lot	1	€ -	€ -		
3.3.4.6	Test Readiness Review Report (TRR-R)	4.12.5.6	6.4.3.1	After TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.4.7	Attend IV&V Initial and Final Planning Conferences (IPC and FPC)	4.12.12.7.18	6.4.4	IPC-3	NCIA-Casteau	Meeting	Lot	1	€ -	€ -		
3.3.4.8	Conduct System Verification Review (SVerR)	4.12.13	6.4.5	SVR-3	NCIA-TH	Meeting	Lot	1	€ -	€ -		
3.3.4.9	System Verification Review Report (SVerR-R)	4.12.13.4	6.4.5.1	After SVR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.4.10	Conduct Operational Test Readiness Review (OTRR)	4.13.9	6.4.6	OTRR-3	NCIA-TH	Meeting	Lot	1	€ -	€ -		
3.3.4.11	Operational Test Readiness Review Report (OTRR-R)	4.13.9.6	6.4.6.1	After OTRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.3.4.12	Support User Assessment Reviews (UAR)	3.16.15	6.4.7	UARs	NCIA-TH	Meeting	Lot	1	€ -	€ -		
3.3.4.13	Working Group (WG) Meetings - Minutes	4.4	6.3.1	After Meetings	CWE	Electronic	Lot	1	€ -	€ -		
TOTAL PRICE CLIN 3.3											€ -	
3.4	**BUILD PROCESS 4**											
3.4.1	**Software Requirements Analysis**										€ -	
3.4.1.1	Perform Software Requirements Analysis Process	4.10.2.4	7.3.2	PSD to SwRR-4	Contractor's Premises	As Required	Lot	1				NSP
3.4.1.2	Software Requirements Specification (SRS) (v1)	4.10.2.4.4	7.3.2.2	SwRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.4.1.3	Preliminary User Interface Specification (UIS)	4.10.2.6.7	7.3.2.3	SwRR-4	CWE	Electronic	Each	1	€ -	€ -		
3.4.2	**Software Architectural and Detailed Design**										€ -	
3.4.2.1	Perform Software Architectural and Detailed Design Process	4.10.2.5/6	7.3.4	SwRR-4 to SwDR-4	Contractor's Premises	As Required	Lot	1				NSP
3.4.2.2	Software Architecture Description (SAD) (v4)	4.10.2.5.5	7.3.4.2	SwDR-4	CWE	Electronic	Each	1	€ -	€ -		
3.4.2.3	Database Design Description (DDD) (v4)	4.10.2.5.6	7.3.4.3	SwDR-4	CWE	Electronic	Each	1	€ -	€ -		
3.4.2.4	Software Design Description (SDD) (CI-level set, for information)	4.10.2.6.6	7.3.4.4	SwDR-4	CWE	Electronic	Lot	1	€ -	€ -		
3.4.2.5	User Interface Specification (UIS) (v4)	4.10.2.6.7	7.3.4.5	SwDR-4	CWE	Electronic	Each	1	€ -	€ -		
3.4.2.6	TRITON Interface Control Description (ICD) (v5)	4.9.2.17	7.3.4.6	SwDR-4	CWE	Electronic	Each	1	€ -	€ -		
3.4.3	**Hardware Requirements Analysis and Design**										€ -	
3.4.3.1	Perform Hardware Requirements Analysis Process	4.10.3.2	7.3.3	PSD to HwRR	Contractor's Premises	As Required	Lot	1				NSP
3.4.3.2	Hardware Requirements Specification (HRS)	4.10.3.2.2	7.3.3.2	HwRR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.4.3.3	Perform Hardware Design Process	4.10.3.3	7.3.5	HwRR to HwDR	Contractor's Premises	As Required	Lot	1				NSP
3.4.3.4	Hardware Design Description (HDD)	4.10.3.3.2	7.3.5.1	HwDR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.4.4	**Software Construction, Hardware Production, Testing and Integration**										€ -	
3.4.4.1	Perform Software Construction Process	4.10.2.7	7.3.6	SwDR-4 to IST	Contractor's Premises	SW/Labour	Lot	1				NSP
3.4.4.2	Perform Hardware Production Process	4.10.3.4	7.3.7	SwDR-4 to IST	Contractor's Premises	HW/Labour	Lot	1				NSP
3.4.4.3	Perform Software Integration and Testing Process	4.10.2.8-9	7.3.8	Before FAT-4	Contractor's Premises	As Required	Lot	1				NSP
3.4.4.4	Software Test Description (STD) (CI-level set, for information)	4.10.2.9.2	7.3.8.1	TRR-4	CWE	Electronic	Each	1	€ -	€ -		
3.4.4.5	First Article Acceptance Test (FAAT) Procedure	4.10.3.6.2.4	7.3.8.2	TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.4.4.6	Factory Acceptance Test (FAT) Procedure (including nominal tests)	4.10.3.8.2.5	7.3.11	TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.4.4.7	System Integration Test (SIT) Procedure	4.10.3.8.3.3	7.3.8.2	TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.4.4.8	System Support and Maintenance Acceptance Test (SSMAT) Procedure	4.12.12.4.6	7.3.8.2	TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		
3.4.4.9	User Assessment Test (UAT) Procedure	4.12.12.5.5	7.3.8.2	TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -		

3.4.4.10	Sea Acceptance Test (SeAT) Procedure	4.10.3.8.3.3	7.3.8.2	TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.11	Security Operating Procedures (SecOps)	4.12.12.2.5	7.3.8.2	TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.12	Security Implementation Verification Procedures (SIVP)	4.12.12.2.6	7.3.8.2	TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.13	Perform Internal System Tests	4.10.2.9.3	7.3.8.5	Before TRR-4	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.4.4.14	Internal System Test Report (IST-R)	4.10.2.9.3	7.3.8.5	TRR-4	CWE	Electronic	Lot	1	€ -	€ -	
3.4.4.15	Source Code Review Report (SCR-R)	4.10.2.7.5	7.3.8.6	TRR-4	CWE	Electronic	Each	1	€ -	€ -	
3.4.4.16	Conduct Security Test and Evaluation (ST&E)	4.12.12.2	7.3.8.7	Before TRR-4	Contractor's Premises	As Required	Lot		€ -	€ -	
3.4.4.17	Security Test and Evaluation Report (ST&E-R)	4.12.12.2.7	7.3.8.7	TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.18	Conduct First Article Acceptance Test (FAAT)	4.10.3.6.2	7.3.10.1	FAAT	Contractor's Premises	As Required	Lot		€ -	€ -	
3.4.4.19	First Article Acceptance Test Report (FAAT-R)	4.10.3.6.2.9	7.3.10.1	After FAAT	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.20	Conduct TDK Factory Acceptance Test (FAT) (for one TDK)	4.10.3.8.2	7.3.13.2	FAT-4	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.4.4.21	Factory Acceptance Test Report (FAT-R) (for one TDK)	4.10.3.8.2.8	7.3.13.2	After FAT-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.22	Serial Hardware Production	4.10.3.7	7.3.11	Before Hw-FAT	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.4.4.23	Perform System Integration Activity	4.11.2	7.3.12	Before SIT-4	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.4.4.24	Conduct System Integration Test (SIT)	4.12.12.3	7.3.11.5	SIT-4	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.4.4.25	System Integration Test Report (SIT-R)	4.12.12.3.10	7.3.11.5	After SIT-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.26	Software Installation Guide (SIG)	4.12.12.4.3	7.3.8.2	Prior to SSMAT-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.27	Conduct System Support and Maintenance Acceptance Test (SSMAT)	4.12.12.4	7.3.13.3	SSMAT-4	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.4.4.28	System Support and Maintenance Acceptance Test Report (SSMAT-R)	4.12.12.4	7.3.13.4	After SSMAT-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.29	Conduct User Assessment Test (UAT)	4.12.12.5	7.3.13.3	UAT-4	NCIA-TH	As Required	Lot	1	€ -	€ -	
3.4.4.30	User Assessment Test Report (UAT-R)	4.12.12.5.13	7.3.13.4	After UAT-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.31	Perform Regression Tests (RegT)	4.12.12.6	7.3.13.3	When necessary	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.4.4.32	Regression Test Reports (RegT-R)	4.12.12.6	7.3.13.4	After Reg.Tests	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
3.4.4.33	Attend IV&V Initial and Final Planning Conferences (IPC and FPC)	4.12.12.7.18	7.4.4	IPC-4	NCIA-Casteau	Meeting	Lot	1	€ -	€ -	
3.4.4.34	Software Version Description (SVD) (BL4)	4.10.2.11	7.3.9	IPC-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.35	Support to IV&V Testing	4.12.12.7.26	7.3.13.5	IV&V Testing	NCIA-Casteau	Meeting	Lot	1	€ -	€ -	
3.4.4.36	Conduct Sea Acceptance Test (SeAT)	4.10.3.8.3	7.3.11.6	SeAT	On board a ship at port in Europe	As Required	Lot	1	€ -	€ -	
3.4.4.37	Sea Acceptance Test Report (SeAT-R)	4.10.3.8.3.5	7.3.11.6	After SeAT	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.4.38	Conduct TDK Factory Acceptance Tests (FAT) (for seven TDKs)	4.10.3.8.2	7.3.13.7	Hw-FAT	Contractor's Premises	As Required	Lot	1	€ -	€ -	
3.4.4.39	Factory Acceptance Test Report (FAT-R) (for seven TDKs)	4.10.3.8.2.8	7.3.13.7	After Hw-FAT	NCIA-TH, CWE	Paper, Electronic	Each	7	€ -	€ -	
3.4.4.40	TRITON-NS Operational Software - BL4 (in AFPL)	4.7.3	7.1.1	PED	CWE	As Required	Each	1	€ -	€ -	
3.4.4.41	TRITON-NU Operational Software - BL4 (in AFPL)	4.7.3	7.1.1	PED	CWE	As Required	Each	1	€ -	€ -	
3.4.5	**Meetings and Reviews**									€ -	
3.4.5.1	Conduct Software Requirements Review (SwRR)	4.10.2.4.6	7.4.1.1	SwRR-4	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.4.5.2	Software Requirements Review Report (SwRR-R)	4.10.2.4.6	7.4.1.1	After SwRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.5.3	Conduct Hardware Requirements Review (HwRR)	4.10.3.2.3	7.4.1.2	HwRR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.4.5.4	Hardware Requirements Review Report (HwRR-R)	4.10.3.2.3	7.4.1.2	After HwRR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.5.5	Conduct Software Design Review (SwDR)	4.10.2.6.8	7.4.2.1	SwDR-4	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.4.5.6	Software Design Review Report (SwDR-R)	4.10.2.6.8	7.4.2.1	After SwDR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.5.7	Conduct Hardware Design Review (HwDR)	4.10.3.3.3	7.4.2.2	SwDR-4	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.4.5.8	Hardware Design Review Report (HwDR-R)	4.10.3.3.3	7.4.2.2	After SwDR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.5.9	Conduct Test Readiness Review (TRR)	4.12.5	7.4.3.1	TRR-4	Contractor's Premises	Meeting	Lot	1	€ -	€ -	
3.4.5.10	Test Readiness Review Report (TRR-R)	4.12.5.6	7.4.3.2	After TRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.5.11	Conduct Hardware Test Readiness Review (HwTRR)	4.12.5	7.4.3	Hw-TRR	Contractor's Premises	Meeting	Lot	1	€ -	€ -	
3.4.5.12	Hardware Test Readiness Review Report (HwTRR-R)	4.12.5.6	7.4.3.1	After Hw-TRR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.5.13	Conduct Production Readiness Review (PRR)	4.10.3.7.1	7.4.5	PRR	Contractor's Premises	Meeting	Lot	1	€ -	€ -	
3.4.5.14	Production Readiness Review Report (PRR-R)	4.10.3.7.1	7.4.5.1	After PRR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.5.15	Conduct System Verification Review (SVerR)	4.12.13	7.4.6	SVR-4	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.4.5.16	System Verification Review Report (SVerR-R)	4.12.13.4	7.4.6.1	After SVR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.5.17	Conduct Operational Test Readiness Review (OTRR)	4.13.9	7.4.7	OTRR-4	NCIA-TH	Meeting	Lot	1	€ -	€ -	
3.4.5.18	Operational Test Readiness Review Report (OTRR-R)	4.13.9.6	7.4.7.1	After OTRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
3.4.5.19	Working Group (WG) Meetings - Minutes	4.4	7.3.1	After Meetings	CWE	Electronic	Lot	1	€ -	€ -	
3.4.6	**Equipment**									€ -	
3.4.6.1	Delivery of Eight (8) sets of TRITON Deployable Kits - Each including one NS and one NU Unit - Carrying Cases - Workstations - Installation Kit	4.10.2.4.6	7.3.12	PED	To be defined by the Purchaser.	HW	Each	8	€ -	€ -	
TOTAL PRICE CLIN 3.4										€ -	
4	**VISUALISATION COMPONENT PROVISION**										
4.1	**Software Requirements Analysis**									€ -	
4.1.1	Perform Software Requirements Analysis Process	4.10.2.4	8.3.3	PSD to VC-SwRR-3	Contractor's Premises	As Required	Lot	1			NSP
4.1.2	VC Software Requirements Specification (SRS) (for VC-BL1)	4.10.2.4.4	8.3.3.2	VC-SwRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.1.3	VC Software Requirements Specification (SRS) (for VC-BL2)	4.10.2.4.4	8.3.3.2	VC-SwRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.1.4	VC Software Requirements Specification (SRS) (for VC-BL3)	4.10.2.4.4	8.3.3.2	VC-SwRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.1.5	VC Factory Acceptance Test (FAT) Procedures (VC-BL1) (preliminary)	4.10.2.9.2	8.3.3.3	VC-SwRR-1	CWE	As Required	Each	1	€ -	€ -	
4.1.6	VC Factory Acceptance Test (FAT) Procedures (VC-BL2) (preliminary)	4.10.2.9.2	8.3.3.3	VC-SwRR-2	CWE	As Required	Each	1	€ -	€ -	
4.1.7	VC Factory Acceptance Test (FAT) Procedures (VC-BL3) (preliminary)	4.10.2.9.2	8.3.3.3	VC-SwRR-3	CWE	As Required	Each	1	€ -	€ -	
4.1.8	Component Acceptance Test (CAT) Procedure	4.10.2.9.2	8.3.3.5	VC-SwRR-3	CWE	As Required	Each	1	€ -	€ -	
4.2	**Software Architectural and Detailed Design**									€ -	
4.2.1	Perform Software Architectural and Detailed Design Process	4.10.2.5/6	8.3.4	VC-SwRR to VC-SwDR	Contractor's Premises	As Required	Lot	1			NSP
4.2.2	Software Architecture Description (SAD) (for VC-BL1)	4.10.2.5.5	8.3.4.2	VC-SwDR-1	CWE	Electronic	Each	1	€ -	€ -	
4.2.3	Software Architecture Description (SAD) (for VC-BL2)	4.10.2.5.5	8.3.4.2	VC-SwDR-2	CWE	Electronic	Each	1	€ -	€ -	
4.2.4	Software Architecture Description (SAD) (for VC-BL3)	4.10.2.5.5	8.3.4.2	VC-SwDR-3	CWE	Electronic	Each	1	€ -	€ -	
4.2.5	Software Design Description (SDD) (CI-level set, for information)	4.10.2.6.6	8.3.43	VC-SwDR-3	CWE	Electronic	Lot	1	€ -	€ -	
4.2.6	User Interface Specification (UIS) (for VC-BL1)	4.10.2.6.7	8.3.4.4	VC-SwDR-1	CWE	Electronic	Each	1	€ -	€ -	
4.2.7	User Interface Specification (UIS) (for VC-BL2)	4.10.2.6.7	8.3.4.5	VC-SwDR-2	CWE	Electronic	Each	1	€ -	€ -	
4.2.8	User Interface Specification (UIS) (for VC-BL3)	4.10.2.6.7	8.3.4.6	VC-SwDR-3	CWE	Electronic	Each	1	€ -	€ -	
4.2.9	VC Interface Control Description (ICD) (v1)	4.9.2.17	8.3.4.6	VC-SwDR-1	CWE	Electronic	Each	1	€ -	€ -	

4.2.10	VC Interface Control Description (ICD) (v2)	4.9.2.17	8.3.4.6	VC-SwDR-2	CWE	Electronic	Each	1	€ -	€ -	
4.2.11	VC Interface Control Description (ICD) (v3)	4.9.2.17	8.3.4.6	VC-SwDR-3	CWE	Electronic	Each	1	€ -	€ -	
4.3	**Software Construction, Testing and Integration**									€ -	
4.3.1	Perform Software Construction Process	4.10.2.7	8.3.5	VC-SwDR to VC-FAT	Contractor's Premises	SW/Labour	Lot	1			NSP
4.3.2	VC Software Test Description (STD) (VC-BL 1, 2, 3)	4.10.2.9.2	8.3.6.1	VC-TRR	CWE	Electronic	Lot	1	€ -	€ -	
4.3.3	Source Code Review Report (SCR-R)	4.10.2.7.5	8.3.6.2	VC-TRR-2	CWE	Electronic	Each	1	€ -	€ -	
4.3.4	Factory Acceptance Test (FAT) Procedure (for VC-BL1)	4.12.12.1.6	8.3.6.4	VC-TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.3.5	Conduct Factory Acceptance Test (FAT) (for VC-BL1)	4.12.12.1	8.3.6.4	VC-FAT-3	Contractor's Premises	As Required	Lot	1	€ -	€ -	
4.3.6	Factory Acceptance Test Report (FAT-R) (for VC-BL1)	4.12.12.1	8.3.6.4	After VC-FAT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.3.7	Factory Acceptance Test (FAT) Procedure (for VC-BL2)	4.12.12.1.6	8.3.6.4	VC-TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.3.8	Conduct Factory Acceptance Test (FAT) (for VC-BL2)	4.12.12.1	8.3.6.4	VC-FAT-3	Contractor's Premises	As Required	Lot	1	€ -	€ -	
4.3.9	Factory Acceptance Test Report (FAT-R) (for VC-BL2)	4.12.12.1	8.3.6.4	After VC-FAT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.3.10	Factory Acceptance Test (FAT) Procedure (for VC-BL3)	4.12.12.1.6	8.3.6.4	VC-TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.3.11	Conduct Factory Acceptance Test (FAT) (for VC-BL3)	4.12.12.1	8.3.6.4	VC-FAT-3	Contractor's Premises	As Required	Lot	1	€ -	€ -	
4.3.12	Factory Acceptance Test Report (FAT-R) (for VC-BL3)	4.12.12.1	8.3.6.4	After VC-FAT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.3.13	VC Software Installation Guide (SIG)	4.12.12.5.3	8.3.8.3	Prior to CAT	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.3.14	Conduct Component Acceptance Test (CAT)	4.12.12.5	8.3.8	CAT	NCIA-TH	As Required	Lot	1	€ -	€ -	
4.3.15	Component Acceptance Test Report (CAT-R)	4.12.12.5	8.3.8.4	After CAT	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.3.16	VC Software Version Description (SVD) (VC-BL1, 2, 3)	4.10.2.11	8.3.7.1	At each VC-TRR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.3.17	C4ISR Visualisation Component - VC-BL1	4.7.3	8.3.1.7	VC-FAT-1	CWE	As Required	Each	1	€ -	€ -	
4.3.18	C4ISR Visualisation Component - VC-BL2	4.7.3	8.3.1.7	VC-FAT-2	CWE	As Required	Each	1	€ -	€ -	
4.3.19	C4ISR Visualisation Component - VC-BL3	4.7.3	8.3.1.7	VC-FAT-3	CWE	As Required	Each	1	€ -	€ -	
4.3.20	Reusable User Interface Component Set	4.7.3	8.3.1.8	CAR	CWE	As Required	Each	1	€ -	€ -	
4.3.21	Symbology Service Software	4.7.3	8.3.1.9	CAR	CWE	SW	Each	1	€ -	€ -	
4.3.22	Perform Software Maintenance until FSA	5.4.3	8.3.9.1	FSA	Contractor's Premises	As Required	Lot	1	€ -	€ -	
4.4	**Meetings and Reviews**									€ -	
4.4.1	Conduct VC Software Requirements Review (VC-SwRR) (VC-BL1, 2, 3)	4.10.2.4.6	8.4.1	VC-SwRR-1,2,3	NCIA-TH	Meeting	Lot	1	€ -	€ -	
4.4.2	VC Software Requirements Review Report (VC-SwRR-R) (VC-BL1)	4.10.2.4.6	8.4.1.1	After VC-SwRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.3	VC Software Requirements Review Report (VC-SwRR-R) (VC-BL2)	4.10.2.4.6	8.4.1.1	After VC-SwRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.4	VC Software Requirements Review Report (VC-SwRR-R) (VC-BL3)	4.10.2.4.6	8.4.1.1	After VC-SwRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.5	Conduct VC Software Design Review (VC-SwDR) (VC-BL1, 2, 3)	4.10.2.6.8	8.4.2	VC-SwDR-1,2,3	NCIA-TH	Meeting	Lot	1	€ -	€ -	
4.4.6	VC Software Design Review Report (VC-SwDR-R) (VC-BL1)	4.10.2.6.8	8.4.2.1	After VC-SwDR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.7	VC Software Design Review Report (VC-SwDR-R) (VC-BL2)	4.10.2.6.8	8.4.2.1	After VC-SwDR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.8	VC Software Design Review Report (VC-SwDR-R) (VC-BL3)	4.10.2.6.8	8.4.2.1	After VC-SwDR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.9	Conduct VC Test Readiness Review (TRR) (VC-BL1, 2, 3)	4.12.5	8.4.3	VC-TRR-1,2,3	Contractor's Premises	Meeting	Lot	1	€ -	€ -	
4.4.10	VC Test Readiness Review Report (TRR-R) (VC-BL1)	4.12.5.6	8.4.3.1	After VC TRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.11	VC Test Readiness Review Report (TRR-R) (VC-BL2)	4.12.5.6	8.4.3.1	After VC TRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.12	VC Test Readiness Review Report (TRR-R) (VC-BL3)	4.12.5.6	8.4.3.1	After VC TRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.13	Conduct Component Acceptance Review (CAR)	4.12.13	8.4.4	CAR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
4.4.14	Component Acceptance Review Report (CAR-R)	4.12.13.4	8.4.4.1	After CAR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
4.4.15	Working Group (WG) Meetings - Minutes	4.4	8.1	After Meetings	CWE	Electronic	Lot	1	€ -	€ -	
TOTAL PRICE CLIN 4										€ -	
5	**SYSTEM TRANSITION**										
5.1	**Planning**									€ -	
5.1.1	System Transition Plan (STrP)	4.13.2	9.1.3	CDR	CWE	Electronic	Each	1	€ -	€ -	
5.1.2	System Transition Plan (STrP) (update)	4.13.2	9.1.3	TRRs	CWE	Electronic	Lot	1	€ -	€ -	
5.1.3	Release and Deployment Plan (RDP)	5.6.6.3	9.3.14	SQR-2	CWE	Electronic	Each	1	€ -	€ -	
5.1.4	Training Plan (TrP)	5.8.3	9.3.10	CDR	CWE	Electronic	Each	1	€ -	€ -	
5.1.5	Software Transition Plan (SwTrP)	4.17.2	9.13.15.2	SwTrRR	CWE	Electronic	Each	1	€ -	€ -	
5.2	**Site Surveys**									€ -	
5.2.1	Perform Site Survey at DC-1	4.13.3	9.3.1	After CDR	DC-1	As Required	Lot	1	€ -	€ -	
5.2.2	Site Survey Report for DC-1	4.13.3.8	9.3.2	After Site Survey	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.2.3	Perform Site Survey at MARCOM	4.13.3	9.3.1	After CDR	MARCOM	As Required	Lot	1	€ -	€ -	
5.2.4	Site Survey Report for MARCOM	4.13.3.8	9.3.2	After Site Survey	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.2.5	Perform Site Surveys at DC-2 and DC-3	4.13.3	9.3.1	After PSA	DC-2 and DC-3	As Required	Lot	1	€ -	€ -	
5.2.6	Site Survey Reports for DC-2 and DC-3	4.13.3.8	9.3.2	After Site Survey	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
5.2.7	Perform Site Surveys at DCIS Location	4.13.3	9.3.1	After PSA	To be defined	As Required	Lot	1	€ -	€ -	
5.2.8	Site Survey Reports for DCIS	4.13.3.8	9.3.2	After Site Survey	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
5.3	**System Transition for BL1**									€ -	
5.3.1	Establishing TRITON Support Systems for BL1	4.13.10	9.3.4.7	TRR-1	NCIA-TH (PMIC)	As Required	Lot	1	€ -	€ -	
5.3.2	Pre-Installation Check (PIC) Procedure	4.13.6.1	9.3.4.2	SQR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.3.3	Site Activation Test (SiAT) Procedure	4.13.6.6	9.3.8.2	SQR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.3.4	On-site User Assessment Test (UAT) Procedure	4.13.6.7.8	9.3.9.1	SQR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.3.5	Software Distribution List (SWDL)	4.13.6.9	9.4.2.2	SQR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.3.6	Conduct Sustainment Qualification Review (SQR)	4.13.4	9.4.2	SQR-1	DC-1 or MARCOM	Meeting	Lot	1	€ -	€ -	
5.3.7	Sustainment Qualification Review Report (SQR-R)	4.13.4.4	9.4.2	After SQR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.3.8	Perform Site Preparation	4.13.5	9.3.3	After SQR-1	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.3.9	Perform Pre-Installation Check	4.13.6.1	9.3.4.2	After IV&V-1	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.3.10	Perform Static Site Software Installation	4.13.6.2	9.3.4	After IV&V-1	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.3.11	Perform Physical Configuration Audit (PCA)	4.7.11.2	9.4.3	PCA-1	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.3.12	Configuration Audit Report (CAuR)	4.7.11.4	9.4.3.1	After PCA-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.3.13	Perform Static Site Activation	4.13.6.5	9.3.8.1	After PCA-1	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.3.14	Perform Site Activation Test (SiAT)	4.13.6.6	9.3.8.2	SiAT-1	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.3.15	Site Activation Test Report (SiAT-R)	4.13.6.6.4	9.3.8.2	After SiAT-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.3.16	Training Materials (Student and Instructor Manuals for BL1)	5.8.4.7	9.3.11.4	TrRR-1	Training Location, CWE	Electronic, Paper	Lot	1	€ -	€ -	
5.3.17	Conduct Training Readiness Review (TrRR)	5.8.5	9.4.1	TrRR-1	NCIA-TH	Meeting	Lot	1	€ -	€ -	
5.3.18	Training Readiness Review Report (TrRR-R)	5.8.5	9.4.1.1	After TrRR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.3.19	Training Courses	5.8.10	9.3.11	As in TP	DC-1 and/or MARCOM	Course	Lot	1	€ -	€ -	
5.3.20	Training Course Evaluation Report (TCER) (for each training)	5.8.12	9.3.11.6	After each Course	CWE	Electronic	Lot	1	€ -	€ -	

5.3.21	Perform On-Site User Assessment Test (UAT) (Organizational Node)	4.13.6.7	9.3.9.1	On-Site UAT-1	MARCOM	As Required	Lot	1	€ -	€ -	
5.3.22	On-Site User Assessment Test Report (UAT-R)	4.13.6.7.15	9.3.9.1	After On-Site UAT-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.3.23	Perform Site Acceptance Activities	4.13.8	9.3.12	Prior to SiAR-1	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.3.24	Conduct Site Acceptance Review (SiAR)	4.13.8.2	9.4.4	SiAR-1	DC-1 or MARCOM	Meeting	Lot	1	€ -	€ -	
5.3.25	Site Acceptance Review Report (SiAR-R)	4.13.8.2.4	9.4.4.1	After SiAR-1	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4	**System Transition for BL2**									€ -	
5.4.1	Establishing TRITON Support Systems for BL2	4.13.10	9.3.4.7	TRR-2	NCIA-TH (PMIC)	As Required	Lot	1	€ -	€ -	
5.4.2	Pre-Installation Check (PIC) Procedure	4.13.6.1	9.3.4.2	SQR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4.3	Site Activation Test (SiAT) Procedure	4.13.6.6	9.3.8.2	SQR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4.4	On-site User Assessment Test (UAT) Procedure	4.13.6.7.8	9.3.9.1	SQR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4.5	Software Distribution List (SWDL)	4.13.6.9	9.4.2.2	SQR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4.6	Conduct Sustainment Qualification Review (SQR)	4.13.4	9.4.2	SQR-2	DC-1 or MARCOM	Meeting	Lot	1	€ -	€ -	
5.4.7	Sustainment Qualification Review Report (SQR-R)	4.13.4.4	9.4.2	After SQR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4.8	Perform Site Preparation	4.13.5	9.3.3	After SQR-2	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.4.9	Perform Pre-Installation Check	4.13.6.1	9.3.4.2	After IV&V-2	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.4.10	Perform Static Site Software Installation	4.13.6.2	9.3.4	After IV&V-2	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.4.11	Perform Physical Configuration Audit (PCA)	4.7.11.2	9.4.3	PCA-2	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.4.12	Configuration Audit Report (CAuR)	4.7.11.4	9.4.3.1	After PCA-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4.13	Perform Static Site Activation	4.13.6.5	9.3.8.1	After PCA-2	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.4.14	Perform Site Activation Test (SiAT)	4.13.6.6	9.3.8.2	SiAT-2	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.4.15	Site Activation Test Report (SiAT-R)	4.13.6.6.4	9.3.8.2	After SiAT-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4.16	Training Materials (Student and Instructor Manuals for BL2)	5.8.4.7	9.3.11.4	TrRR-2	Training Location, CWE	Paper, Electronic	Lot	1	€ -	€ -	
5.4.17	Computer-Based Training (CBT) (software)	5.8.7	9.3.11.4	TrRR-2	CWE	SW, Electronic	Each	1	€ -	€ -	
5.4.18	Conduct Training Readiness Review (TrRR)	5.8.5	9.4.1	TrRR-2	NCIA-TH	Meeting	Lot	1	€ -	€ -	
5.4.19	Training Readiness Review Report (TrRR-R)	5.8.5	9.4.1.1	After TrRR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4.20	Training Courses	5.8.10	9.3.11	As in TP	DC-1 and/or MARCOM	Course	Lot	1	€ -	€ -	
5.4.21	Training Course Evaluation Report (TCER) (for each training)	5.8.12	9.3.11.6	After each Course	CWE	Electronic	Lot	1	€ -	€ -	
5.4.22	Perform On-Site User Assessment Test (UAT) (Organizational Node)	4.13.6.7	9.3.9.1	On-Site UAT-2	MARCOM	As Required	Lot	1	€ -	€ -	
5.4.23	On-Site User Assessment Test Report (UAT-R)	4.13.6.7.15	9.3.9.1	After On-Site UAT-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.4.24	Perform Site Acceptance Activities	4.13.8	9.3.12	Prior to SiAR-2	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.4.25	Conduct Site Acceptance Review (SiAR)	4.13.8.2	9.4.4	SiAR-2	DC-1 or MARCOM	Meeting	Lot	1	€ -	€ -	
5.4.26	Site Acceptance Review Report (SiAR-R)	4.13.8.2.4	9.4.4.1	After SiAR-2	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5	**System Transition for BL3**									€ -	
5.5.1	Establishing TRITON Support Systems for BL3	4.13.10	9.3.4.7	TRR-3	NCIA-TH (PMIC)	As Required	Lot	1	€ -	€ -	
5.5.2	Pre-Installation Check (PIC) Procedure	4.13.6.1	9.3.4.2	SQR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5.3	Site Activation Test (SiAT) Procedure	4.13.6.6	9.3.8.2	SQR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5.4	On-site User Assessment Test (UAT) Procedure	4.13.6.7.8	9.3.9.1	SQR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5.5	Software Distribution List (SWDL)	4.13.6.9	9.4.2.2	SQR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5.6	Conduct Sustainment Qualification Review (SQR)	4.13.4	9.4.2	SQR-3	DC-1 or MARCOM	Meeting	Lot	1	€ -	€ -	
5.5.7	Sustainment Qualification Review Report (SQR-R)	4.13.4.4	9.4.2	After SQR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5.8	Perform Site Preparation	4.13.5	9.3.3	After SQR-3	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.5.9	Perform Pre-Installation Check	4.13.6.1	9.3.4.2	After IV&V-3	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.5.10	Perform Static Site Software Installation	4.13.6.2	9.3.4	After IV&V-3	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.5.11	Perform Physical Configuration Audit (PCA)	4.7.11.2	9.4.3	PCA-3	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.5.12	Configuration Audit Report (CAuR)	4.7.11.4	9.4.3.1	After PCA-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5.13	Perform Static Site Activation	4.13.6.5	9.3.8.1	After PCA-3	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.5.14	Perform Site Activation Test (SiAT)	4.13.6.6	9.3.8.2	SiAT-3	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.5.15	Site Activation Test Report (SiAT-R)	4.13.6.6.4	9.3.8.2	After SiAT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5.16	Training Materials (Student and Instructor Manuals for BL3)	5.8.4.7	9.3.11.4	TrRR-3	Training Location, CWE	Paper, Electronic	Lot	1	€ -	€ -	
5.5.17	Computer-Based Training (CBT) (software)	5.8.7	9.3.11.4	TrRR-3	CWE	SW, Electronic	Each	1	€ -	€ -	
5.5.18	Conduct Training Readiness Review (TrRR)	5.8.5	9.4.1	TrRR-3	NCIA-TH	Meeting	Lot	1	€ -	€ -	
5.5.19	Training Readiness Review Report (TrRR-R)	5.8.5	9.4.1.1	After TrRR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5.20	Training Courses	5.8.10	9.3.11	As in TP	DC-1 and/or MARCOM	Course	Lot	1	€ -	€ -	
5.5.21	Training Course Evaluation Report (TCER) (for each training)	5.8.12	9.3.11.6	After each Course	CWE	Electronic	Lot	1	€ -	€ -	
5.5.22	Perform On-Site User Assessment Test (UAT) (Organizational Node)	4.13.6.7	9.3.9.1	On-Site UAT-3	MARCOM	As Required	Lot		€ -	€ -	
5.5.23	On-Site User Assessment Test Report (UAT-R)	4.13.6.7.15	9.3.9.1	After On-Site UAT-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.5.24	Perform Site Acceptance Activities	4.13.8	9.3.12	Prior to SiAR-3	DC-1 or MARCOM	As Required	Lot	1	€ -	€ -	
5.5.25	Conduct Site Acceptance Review (SiAR)	4.13.8.2	9.4.4	SiAR-3	DC-1 or MARCOM	Meeting	Lot	1	€ -	€ -	
5.5.26	Site Acceptance Review Report (SiAR-R)	4.13.8.2.4	9.4.4.1	After SiAR-3	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.6	**System Transition for BL4**									€ -	
5.6.1	Training Materials (Student and Instructor Manuals for BL4)	5.8.4.7	9.3.11.4	TrRR-4	Training Location, CWE	Paper, Electronic	Lot	1	€ -	€ -	
5.6.2	Conduct Training Readiness Review (TrRR)	5.8.5	9.4.1	TrRR-4	NCIA-TH	As Required	Lot	1	€ -	€ -	
5.6.3	Training Readiness Review Report (TrRR-R)	5.8.5	9.4.1.1	After TrRR-4	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.6.4	Training Courses	5.8.10	9.3.11.	As in TP	NCIA-TH	Course	Lot	1	€ -	€ -	
5.6.5	Training Course Evaluation Report (TCER) (for each training)	5.8.12	9.3.11.6	After each Course	CWE	Electronic	Lot	1	€ -	€ -	
5.6.6	Ship installation (for SeAT)	4.13.6.3	9.3.6	Prior to SeAT	On board a ship at port in Europe	As Required	Each	1	€ -	€ -	
5.7	**System Roll-out DC-2**									€ -	
5.7.1	Conduct Sustainment Qualification Review (SQR)	4.13.4	9.4.2	SQR for DC-2	DC-2	Meeting	Lot	1	€ -	€ -	
5.7.2	Sustainment Qualification Review Report (SQR-R)	4.13.4.4	9.4.2	After SQR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.7.3	Perform Site Preparation	4.13.5	9.3.3	After SQR	DC-2	As Required	Lot	1	€ -	€ -	
5.7.4	Perform Pre-Installation Check	4.13.6.1	9.3.4.2	After SQR	DC-2	As Required	Lot	1	€ -	€ -	
5.7.5	Perform Static Site Software Installation	4.13.6.2	9.3.4	After SQR	DC-2	As Required	Lot	1	€ -	€ -	
5.7.6	Perform Physical Configuration Audit (PCA)	4.7.11.2	9.4.3	PCA for site	DC-2	As Required	Lot	1	€ -	€ -	
5.7.7	Configuration Audit Report (CAuR)	4.7.11.4	9.4.3.1	After PCA	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.7.8	Perform Static Site Activation	4.13.6.5	9.3.8.1	After PCA	DC-2	As Required	Lot	1	€ -	€ -	
5.7.9	Perform Site Activation Test (SiAT)	4.13.6.6	9.3.8.2	SiAT	DC-2	As Required	Lot	1	€ -	€ -	
5.7.10	Site Activation Test Report (SiAT-R)	4.13.6.6.4	9.3.8.2	After SiAT	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.7.11	Perform Site Acceptance Activities	4.13.8	9.3.12	Prior to SiAR	DC-2	As Required	Lot	1	€ -	€ -	
5.7.12	Conduct Site Acceptance Review (SiAR)	4.13.8.2	9.4.4	SiAR	DC-2	Meeting	Lot	1	€ -	€ -	

5.7.13	Site Acceptance Review Report (SiAR-R)	4.13.8.2.4	9.4.4.1	After SiAR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.8	**System Roll-out DC-3**									€ -	
5.8.1	Conduct Sustainment Qualification Review (SQR)	4.13.4	9.4.2	SQR for DC-3	DC-3	Meeting	Lot	1	€ -	€ -	
5.8.2	Sustainment Qualification Review Report (SQR-R)	4.13.4.4	9.4.2	After SQR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.8.3	Perform Site Preparation	4.13.5	9.3.3	After SQR	DC-3	As Required	Lot	1	€ -	€ -	
5.8.4	Perform Pre-Installation Check	4.13.6.1	9.3.4.2	After SQR	DC-3	As Required	Lot	1	€ -	€ -	
5.8.5	Perform Static Site Software Installation	4.13.6.2	9.3.4	After SQR	DC-3	As Required	Lot	1	€ -	€ -	
5.8.6	Perform Physical Configuration Audit (PCA)	4.7.11.2	9.4.3	PCA for site	DC-3	As Required	Lot	1	€ -	€ -	
5.8.7	Configuration Audit Report (CAuR)	4.7.11.4	9.4.3.1	After PCA	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.8.8	Perform Static Site Activation	4.13.6.5	9.3.8.1	After PCA	DC-3	As Required	Lot	1	€ -	€ -	
5.8.9	Perform Site Activation Test (SiAT)	4.13.6.6	9.3.8.2	SiAT	DC-3	As Required	Lot	1	€ -	€ -	
5.8.10	Site Activation Test Report (SiAT-R)	4.13.6.6.4	9.3.8.2	After SiAT	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.8.11	Perform Site Acceptance Activities	4.13.8	9.3.12	Prior to SiAR	DC-3	As Required	Lot	1	€ -	€ -	
5.8.12	Conduct Site Acceptance Review (SiAR)	4.13.8.2	9.4.4	SiAR	DC-3	Meeting	Lot	1	€ -	€ -	
5.8.13	Site Acceptance Review Report (SiAR-R)	4.13.8.2.4	9.4.4.1	After SiAR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.9	**System Roll-out DCIS**									€ -	
5.9.1	Conduct Sustainment Qualification Review (SQR)	4.13.4	9.4.2	SQR for DC-3	DCIS	Meeting	Lot	1	€ -	€ -	
5.9.2	Sustainment Qualification Review Report (SQR-R)	4.13.4.4	9.4.2	After SQR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.9.3	Perform Site Preparation	4.13.5	9.3.3	After SQR	DCIS	As Required	Lot	1	€ -	€ -	
5.9.4	Perform Pre-Installation Check	4.13.6.1	9.3.4.2	After SQR	DCIS	As Required	Lot	1	€ -	€ -	
5.9.5	Perform Software Installation	4.13.6.2	9.3.4	After SQR	DCIS	As Required	Lot	1	€ -	€ -	
5.9.6	Perform Physical Configuration Audit (PCA)	4.7.11.2	9.4.3	PCA for site	DCIS	As Required	Lot	1	€ -	€ -	
5.9.7	Configuration Audit Report (CAuR)	4.7.11.4	9.4.3.1	After PCA	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.9.8	Perform Site Activation	4.13.6.5	9.3.8.1	After PCA	DCIS	As Required	Lot	1	€ -	€ -	
5.9.9	Perform Site Activation Test (SiAT)	4.13.6.6	9.3.8.2	SiAT	DCIS	As Required	Lot	1	€ -	€ -	
5.9.10	Site Activation Test Report (SiAT-R)	4.13.6.6.4	9.3.8.2	After SiAT	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.9.11	Perform Site Acceptance Activities	4.13.8	9.3.12	Prior to SiAR	DCIS	As Required	Lot	1	€ -	€ -	
5.9.12	Conduct Site Acceptance Review (SiAR)	4.13.8.2	9.4.4	SiAR	DCIS	Meeting	Lot	1	€ -	€ -	
5.9.13	Site Acceptance Review Report (SiAR-R)	4.13.8.2.4	9.4.4.1	After SiAR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.10	**Organizational Node Activation**									**#REF!**	
5.10.1	Perform Organisational Node Activation at Authorised Locations	4.13.6.7	9.3.9	Prior to FSA	Organizational Nodes	As Required	Lot	1	€ -	€ -	
5.10.2	Perform On-Site User Assessment Test (on-site UAT) (for each Org.Node)	4.13.6.7.8	9.3.9.1	UAT	Organizational Nodes	As Required	Lot	1	€ -	€ -	
5.10.3	On-Site User Assessment Test Report (UAT-R)	4.13.6.7.15	9.3.9.1	After UAT	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
5.10.4	On-the-Job Training (for each Org.Node)	4.13.6.7.14	9.3.9.3	Prior to ONAR	Organizational Nodes	Training	Lot	1	€ -	€ -	
5.10.5	Organizational Node Activation Review (ONAR) (for each Org.Node)	4.13.6.7.6	9.4.5	ONAR	Organizational Nodes	Meeting	Lot	1	€ -	€ -	
5.10.6	Organizational Node Activation Review Report (ONAR-R)	4.13.7.7	9.4.5	After ONAR	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
5.11	**Training**									€ -	
5.11.1	Support to Training Needs Analysis (TNA)	5.8.2	9.3.10	As in PMS	NCIA-TH	As Required	Lot	1	€ -	€ -	
5.11.2	Training Needs Analysis Report (TNA-R)	5.8.3	9.3.10	As in PMS	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.11.3	Conduct Training Readiness Reviews (TrRR) (as per TP)	5.8.5	9.4.1	TrRR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
5.11.4	Training Readiness Review Reports (TrRR-R)	5.8.5	9.4.1.1	After TrRR	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
5.11.5	Training Courses (as per TP)	5.8.10	9.3.11.2/3	As in TP	Training Location	Course	Lot	1	€ -	€ -	
5.11.6	Training Course Evaluation Reports (TCER) (for each training)	5.8.12	9.3.11.6	After each Course	CWE	Electronic	Lot	1	€ -	€ -	
5.11.7	Update Training Materials (if necessary)	5.8	9.3.11.7	As necessary	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
5.12	**Testing**									€ -	
5.12.1	Perform Multi-Site Operation Test (MSOT)	4.13.11	9.3.13	MSOT	NCIA-Casteau	As Required	Lot	1			NSP
5.12.2	Multi-Site Operation Test Report (MSOT-R)	4.13.11.7	9.3.13.3	After MSOT	NCIA-TH	Paper, Electronic	Each	1	€ -	€ -	
5.12.3	Support to FMN Initial Testing (engineering)	4.13.12	9.3.14	As in PMS	NCIA-Casteau	As Required	MxD	20	€ -	€ -	
5.12.4	Support to FMN Final Testing (engineering)	4.13.12	9.3.14	As in PMS	NCIA-Casteau	As Required	MxD	20	€ -	€ -	
5.13	**Software Transition**									€ -	
5.13.1	Software Source Code and Documentation (an initial copy at SwTrRR)	4.17.3.6	9.13.15.4	FSA	CWE	As Required	Lot	1	€ -	€ -	
5.13.2	Computer Programming Manual (CPM)	4.17.3.7	9.13.15.4	SwTrRR	CWE	Electronic	Each	1	€ -	€ -	
5.13.3	Conduct Software Transition Readiness Review (SwTrRR)	4.17.4	9.4.6	SwTrRR	NCIA-TH	As Required	Lot	1	€ -	€ -	
5.13.4	Software Transition Readiness Review Report (SwTrRR-R)	4.17.4	9.4.6.2	After SwTRR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.13.5	Perform Software Transition	4.17	9.13.15	As in PMS	NCIA-TH	As Required	Lot	1	€ -	€ -	
5.13.6	Software Maintenance Training	5.8.14	9.3.15.4	As in SwTrP	NCIA-TH	As Required	Each	1	€ -	€ -	
5.13.7	Perform Software Transition Validation Test (SwTrVT)	4.17.6	9.3.16.5	SwTrVT	NCIA-TH	As Required	Lot	1	€ -	€ -	
5.13.8	Software Transition Validation Test Report (SwTrVT-R)	4.17.6.4	9.3.16.5	After SwTrVT	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.13.9	Software Transition Validation Review (SwTVR)	4.17.7	9.4.6	SwTVR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
5.13.10	Software Transition Validation Review Report (SwTVR-R)	4.17.7	9.4.6.1	After SwTVR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
5.14	**Other Activities**									€ -	
5.14.1	Perform Release Management	5.6.6	9.3.14	As in PMS	NCIA-TH	As Required	Lot	1	€ -		
5.14.2	Update TRITON Support Systems (if needed)	4.13.10	9.3.4.8	Prior to FSA	NCIA-TH (PMIC)	As Required	Lot	1	€ -	€ -	
5.15	**Meetings and Reviews**									€ -	
5.15.1	Working Group (WG) Meetings - Minutes	4.4	9.1	After Meetings	CWE	Electronic	Lot	1	€ -	€ -	
TOTAL PRICE CLIN 5										**#REF!**	
6	**SYSTEM SUPPORT AND MAINTENANCE**										
6.1	**Support**									€ -	
6.1.1	On-Site support (engineering)	4.15.4	10.3.1	PSD to FSA	NCIA-TH	Labour	MxD	150	€ -	€ -	
6.1.2	Experimentation, Exercise and Prototyping Support (engineering)	4.16.4	10.3.2	PSD to FSA	NCIA-TH	Labour	MxD	50	€ -	€ -	
6.2	**System Support and Maintenance**									€ -	
6.2.1	System Support	5.7	10.3.3	PSD to FSA	NCIA-TH	As Required	Lot	1	€ -	€ -	
6.2.2	Software Distribution List (SWDL) (updates)	4.13.6.12	10.3.3.4	Prior to each SQR	CWE	Electronic	Lot	1	€ -	€ -	
6.2.3	Perform Release Management	5.6.6.2.2	10.3.3.4	PSD to FSA	Contractor's Premises	As Required	Lot	1	€ -	€ -	
6.2.4	System Maintenance Documentation	4.16.2	10.3.3.4	FSA	CWE	Electronic	Lot	1	€ -	€ -	
6.2.5	Software Maintenance (engineering)	5.4.3	10.3.5.4	PSD to FSA	Contractor's Premises	Labour	MxD	100	€ -	€ -	
6.3	**Meetings and Reviews**									€ -	
6.3.1	Conduct Monthly Maintenance Review (MMR)	4.16.3	10.4.1	MMR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
6.3.2	Monthly Maintenance Review Report (MMR-R)	4.16.3	10.4.1.1	After MRRs	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	

6.3.3	Working Group (WG) Meetings - Minutes	4.4	10.1	After Meetings	CWE	Electronic	Lot	1	€ -	€ -	
TOTAL PRICE CLIN 6										€ -	
7	**SUPPORT TO OPERATIONAL TESTING & EVALUATION (OT&E)**										
7.1	**Operating and Exercise Support**									€ -	
7.1.1	Support to development of Standard Operating Procedures (SOP) (engineering)	4.15.2	11.3.2	As in PMS	NCIA-TH	Labour	MxD	40	€ -	€ -	
7.1.2	Support to MARCOM users during Exercise-1	4.15.3	11.3.3	OTRR to FSA	MARCOM	Labour	MxD	20	€ -	€ -	
7.1.3	Support to MARCOM users during Exercise-2	4.15.3	11.3.3	OTRR to FSA	MARCOM	Labour	MxD	20	€ -	€ -	
7.1.4	Support to MARCOM users during Exercise-3	4.15.3	11.3.3	OTRR to FSA	MARCOM	Labour	MxD	20	€ -	€ -	
7.2	**System Validation Test**									€ -	
7.2.1	Perform System Validation Test (SVT)	4.14.4	11.3.4	SVT	MARCOM	As Required	Lot	1	€ -	€ -	
7.2.2	System Validation Test Report (SVT-R)	4.14.4.5	11.3.4.1	SVR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
7.3	**Meetings and Reviews**									€ -	
7.3.1	Conduct In-Service Reviews (ISR)	4.15.5	11.4.1	ISR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
7.3.2	In-Service Review Report (ISR-R)	4.15.5.6	11.4.1.1	After ISRs	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
7.3.3	Working Group (WG) Meetings - Minutes	4.4	11.1	After Meetings	CWE	Electronic	Lot	1	€ -	€ -	
TOTAL PRICE CLIN 7										€ -	
8	**SUPPORT TO TRANSITION FROM LEGACY SYSTEMS**										
8.1	**Support to Transition**									€ -	
8.1.1	Technical and CIS support for transition (1) (engineering)	4.15.6	12.3.1	PSD and FAT-2	NCIA-TH and MARCOM	Labour	MxD	60	€ -	€ -	
8.1.2	Technical and CIS support for transition (2) (engineering)	4.15.6	12.3.1	FAT-2 and TrRR-2	NCIA-TH and MARCOM	Labour	MxD	60	€ -	€ -	
8.1.2	Technical and CIS support for transition (3) (engineering)	4.15.6	12.3.1	FAT-3 and TrRR-3	NCIA-TH and MARCOM	Labour	MxD	60	€ -	€ -	
8.2	**Data Migration**									€ -	
8.2.1	Support to Data Migration	4.15.6.1	12.3.2	SVR	NCIA-TH and MARCOM	As Required	Lot	1	€ -	€ -	
8.2.2	Data Migration Tools (including procedures) for MSA/BRITE	4.15.6.2	12.3.2.3	TRR-2	CWE	As Required	Each	1	€ -	€ -	
8.2.3	Data Migration Tools (including procedures) for MCCIS	4.15.6.2	12.3.2.4	TRR-3	CWE	As Required	Each	1	€ -	€ -	
8.3	**Nations Interoperability Testing**									€ -	
8.3.1	TRITON Simulator (software) - NS (for Nations)	4.15.6.1	12.3.3.1	TRR-1	CWE	SW	Each	1	€ -	€ -	
8.3.2	TRITON Simulator (software) - NU (for Nations)	4.15.6.1	12.3.3.1	TRR-2	CWE	SW	Each	1	€ -	€ -	
8.3.3	TRITON Simulator (software) - NS (for Nations) (updated)	4.15.6.1	12.3.3.1	TRR-3	CWE	SW	Each	1	€ -	€ -	
8.3.4	Support to Nations Interoperability Testing	4.15.6.2	12.3.3.3	SIT-1, 2, 3	NCIA-TH	As Required	Lot	1	€ -	€ -	
8.4	**Meetings and Reviews**									€ -	
8.4.1	Conduct System Transition Readiness Review (STRR) for TRITON-NU	4.15.6.3	12.4.1.1	STRR-NU	NCIA-TH	Meeting	Lot	1	€ -	€ -	
8.4.2	System Transition Readiness Review Report (STRR-R) for TRITON-NU	4.15.6.4	12.4.1.3	After STRR-NU	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
8.4.3	Conduct System Transition Readiness Review (STRR) for TRITON-NS	4.15.6.3	12.4.1.2	STRR-NS	NCIA-TH	Meeting	Lot	1	€ -	€ -	
8.4.4	System Transition Readiness Review Report (STRR-R) for TRITON-NS	4.15.6.4	12.4.1.3	After STRR-NS	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
8.4.5	Working Group (WG) Meetings - Minutes	4.4	12.1	After Meetings	CWE	Electronic	Lot	1	€ -	€ -	
TOTAL PRICE CLIN 8										€ -	
12	**WARRANTY**										
12.1	**Management**									€ -	
12.1.1	Warranty Management for Hardware	5.10.7	-	TDK Acceptance	Contractor's Premises	As Required	Lot	1	€ -	€ -	
12.1.2	Warranty Management for Software	5.10.7	-	FSA	Contractor's Premises	As Required	Lot	1	€ -	€ -	
12.1.3	Establishing Warranty Service Access Point	5.10.7.4	-	TDK Acceptance	Contractor's Premises	As Required	Each	1	€ -	€ -	
12.2	**Warranty for Developed Software**									€ -	
12.2.1	OBL Warranty Report for Software	5.10.1.5	-	FSA	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
12.2.2	Third Level Support for Operational Software (starting from FSA)	5.10.1.4	-	Warranty Period	Contractor's Premises	As Required	Lot	1			NSP
12.2.3	Third Level Maintenance - Software Maintenance	5.10.3	-	Warranty Period	Contractor's Premises	As Required	Lot	1			NSP
12.2.4	Providing Service for Software	5.10.8	-	Warranty Period	Contractor's Premises	As Required	Lot	1			NSP
12.3	**Warranty for Developed Hardware**									€ -	
12.3.1	OBL Warranty Report for Hardware (TDKs)	5.10.1.5	-	TDK Acceptance	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
12.3.2	Third Level Support for TDK Hardware (starting from TDK Acceptance)	5.10.1.4	-	Warranty Period	Contractor's Premises	As Required	Lot	1			NSP
12.3.3	Third Level Maintenance - Hardware Maintenance (for TDKs)	5.10.4	-	Warranty Period	Contractor's Premises	As Required	Lot	1			NSP
12.3.4	Providing Service for Hardware	5.10.8	-	Warranty Period	Contractor's Premises	As Required	Lot	1			NSP
12.4	**Recording**									€ -	
12.4.1	Establishing Trouble-Ticketing System and Problem Log	5.10.9	-	TDK Acceptance	Contractor's Premises	As Required	Each	1	€ -	€ -	
12.4.2	Recording	5.10.9	-	Warranty Period	Contractor's Premises	As Required	Lot	1			NSP
TOTAL PRICE CLIN 12										€ -	
TOTAL BID PRICE (BASIC CONTRACT) - GRAND TOTAL										**#REF!**	
OPTIONAL CLINS											
9	**COTS SOFTWARE PROVISION (EVALUATED OPTION)**										
9.1	**COTS Products Requirements Analysis**									€ -	
9.1.1	Requirements Analysis	-	13.3.1	PSD and COTSPR	Contractor's Premises	As Required	Lot	1	€ -	€ -	
9.1.2	COTS Products List	-	13.3.1.3	COTSPR	CWE	Electronic	Each	1	€ -	€ -	
9.2	**Procurement and Delivery of COTS Software Products**									€ -	
9.2.1	Support for the Procurement and Delivery of COTS Products	-	13.3.2	SQR	Installation Sites	As Required	Lot	1	€ -	€ -	
9.3	**Meetings and Reviews**									€ -	
9.3.1	Conduct COTS Products Review (COTSPR)	3.16.4	13.4.1	COTSPR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
9.3.2	COTS Products Review Report (COTSPR-R)	3.16.4	13.4.1.1	After COTSPR	NCIA-TH, CWE	Paper, Electronic	Each	1	€ -	€ -	
9.4	**Software**									€ -	
9.4.1	COTS Products as defined in the COTS Product List	-	13.3.1.3	SQR	Installation Sites	SW	Each	1	€ -	€ -	
TOTAL PRICE CLIN 9										€ -	
10	**5-YEAR MAINTENANCE AND SUPPORT (EVALUATED OPTION)**										
10.1	**Maintenance and Support - Year 1**									€ -	
10.1.1	Project Management (for one year)	3	14.3.1	PSD to PED	Contractor's Premises	N/A	Lot	1	€ -	€ -	
10.1.2	Project Highlight Report (PHR)	3	14.3.1	Monthly	NCIA-TH, CWE	Paper, Electronic	Each	12	€ -	€ -	
10.1.3	In-Service Support Plan (updates)	5.11.2	14.3.4	As necessary	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -	
10.1.4	Conduct Quarterly Maintenance Review (QMR)	3.16.4	14.4.1.1	QMR	NCIA-TH	Meeting	Lot	1	€ -	€ -	

10.1.5	Quarterly Maintenance Review Report (QMR-R)	5.2	14.4.1.2	After QMR	NCIA-TH, CWE	Paper, Electronic	Each	4	€ -	€ -
10.1.6	Corrective and Preventive Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.1.7	Corrective and Preventive Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.1.8	Adaptive and Perfective Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.2	As planned	Contractor's Premises	As Required	MxD	300	€ -	€ -
10.1.9	Adaptive and Perfective Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.3	As planned	Contractor's Premises	As Required	MxD	150	€ -	€ -
10.1.10	Third Level Support	5.7.4	14.3.2.3	As necessary	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.1.11	Support to IV&V Testing	3.3.3	14.3.3	At new releases	NCIA-Casteau	Labour	Lot	1	€ -	€ -
10.1.12	Maintenance Records (updates)	5.4.4	14.3.5	As necessary	CWE	Electronic	Lot	1	€ -	€ -
10.1.13	Provide User and Support Training with updated material	5.2	14.3.4	At new releases	One (1) site in Europe	Paper, Electronic	Lot	1	€ -	€ -
10.2	**Maintenance and Support - Year 2**									€ -
10.2.1	Project Management (for one year)	3	14.3.1	PSD to PED	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.2.2	Project Highlight Report (PHR)	3	14.3.1	Monthly	NCIA-TH, CWE	Paper, Electronic	Each	12	€ -	€ -
10.2.3	In-Service Support Plan (updates)	5.11.2	14.3.4	TBD	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -
10.2.4	Conduct Quarterly Maintenance Review (QMR)	3.16.4	14.4.1.1	QMR	NCIA-TH	Electronic	Lot	1	€ -	€ -
10.2.5	Quarterly Maintenance Review Report (QMR-R)	5.2	14.4.1.2	After QMR	NCIA-TH, CWE	Paper, Electronic	Each	4	€ -	€ -
10.2.6	Corrective and Preventive Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.2.7	Corrective and Preventive Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.2.8	Adaptive and Perfective Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.2	As planned	Contractor's Premises	As Required	MxD	300	€ -	€ -
10.2.9	Adaptive and Perfective Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.3	As planned	Contractor's Premises	As Required	MxD	150	€ -	€ -
10.2.10	Third Level Support	5.7.4	14.3.2.3	As necessary	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.2.11	Support to IV&V Testing	3.3.3	14.3.3	At new releases	NCIA-Casteau	Labour	Lot	1	€ -	€ -
10.2.12	Maintenance Records (updates)	5.4.4	14.3.5	As necessary	CWE	Electronic	Lot	1	€ -	€ -
10.2.13	Provide User and Support Training with updated material	5.2	14.3.4	At new releases	One (1) site in Europe	Paper, Electronic	Lot	1	€ -	€ -
10.3	**Maintenance and Support - Year 3**									€ -
10.3.1	Project Management (for one year)	3	14.3.1	PSD to PED	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.3.2	Project Highlight Report (PHR)	3	14.3.1	Monthly	NCIA-TH, CWE	Paper, Electronic	Each	12	€ -	€ -
10.3.3	In-Service Support Plan (updates)	5.11.2	14.3.4	TBD	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -
10.3.4	Conduct Quarterly Maintenance Review (QMR)	3.16.4	14.4.1.1	QMR	NCIA-TH	Meeting	Lot	1	€ -	€ -
10.3.5	Quarterly Maintenance Review Report (QMR-R)	5.2	14.4.1.2	After QMR	NCIA-TH, CWE	Paper, Electronic	Each	4	€ -	€ -
10.3.6	Corrective and Preventive Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.3.7	Corrective and Preventive Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.3.8	Adaptive and Perfective Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.2	As planned	Contractor's Premises	As Required	MxD	300	€ -	€ -
10.3.9	Adaptive and Perfective Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.3	As planned	Contractor's Premises	As Required	MxD	150	€ -	€ -
10.3.10	Third Level Support	5.7.4	14.3.2.3	As necessary	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.3.11	Support to IV&V Testing	3.3.3	14.3.3	At new releases	NCIA-Casteau	Labour	Lot	1	€ -	€ -
10.3.12	Maintenance Records (updates)	5.4.4	14.3.5	As necessary	CWE	Electronic	Lot	1	€ -	€ -
10.3.13	Provide User and Support Training with updated material	5.2	14.3.4	At new releases	One (1) site in Europe	Paper, Electronic	Lot	1	€ -	€ -
10.4	**Maintenance and Support - Year 4**									€ -
10.4.1	Project Management (for one year)	3	14.3.1	PSD to PED	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.4.2	Project Highlight Report (PHR)	3	14.3.1	Monthly	NCIA-TH, CWE	Paper, Electronic	Each	12	€ -	€ -
10.4.3	In-Service Support Plan (updates)	5.11.2	14.3.4	TBD	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -
10.4.4	Conduct Quarterly Maintenance Review (QMR)	3.16.4	14.4.1.1	QMR	NCIA-TH	Meeting	Lot	1	€ -	€ -
10.4.5	Quarterly Maintenance Review Report (QMR-R)	5.2	14.4.1.2	After QMR	NCIA-TH, CWE	Paper, Electronic	Each	4	€ -	€ -
10.4.6	Corrective and Preventive Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.4.7	Corrective and Preventive Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.4.8	Adaptive and Perfective Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.2	As planned	Contractor's Premises	As Required	MxD	300	€ -	€ -
10.4.9	Adaptive and Perfective Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.3	As planned	Contractor's Premises	As Required	MxD	150	€ -	€ -
10.4.10	Third Level Support	5.7.4	14.3.2.4	As necessary	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.4.11	Support to IV&V Testing	3.3.3	14.3.3	At new releases	NCIA-Casteau	Labour	Lot	1	€ -	€ -
10.4.12	Maintenance Records (updates)	5.4.4	14.3.5	As necessary	CWE	Electronic	Lot	1	€ -	€ -
10.4.13	Provide User and Support Training with updated material	5.2	14.3.4	At new releases	One (1) site in Europe	Paper, Electronic	Lot	1	€ -	€ -
10.5	**Maintenance and Support - Year 5**									€ -
10.5.1	Project Management (for one year)	3	14.3.1	PSD to PED	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.5.2	Project Highlight Report (PHR)	3	14.3.1	Monthly	NCIA-TH, CWE	Paper, Electronic	Each	12	€ -	€ -
10.5.3	In-Service Support Plan (updates)	5.11.2	14.3.4	TBD	NCIA-TH, CWE	Paper, Electronic	Lot	1	€ -	€ -
10.5.4	Conduct Quarterly Maintenance Review (QMR)	3.16.4	14.4.1.1	QMR	NCIA-TH	Meeting	Lot	1	€ -	€ -
10.5.5	Quarterly Maintenance Review Report (QMR-R)	5.2	14.4.1.2	After QMR	NCIA-TH, CWE	Paper, Electronic	Each	4	€ -	€ -
10.5.6	Corrective and Preventive Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.5.7	Corrective and Preventive Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.1	As planned	Contractor's Premises	As Required	Lot	1	€ -	€ -
10.5.8	Adaptive and Perfective Software Maintenance for TRITON Operational Software (except C4ISR Visualisation Component)	5.4.3	14.3.2.2	As planned	Contractor's Premises	As Required	MxD	300	€ -	€ -

10.5.9	Adaptive and Perfective Software Maintenance for C4ISR Visualisation Component	5.4.3	14.3.2.3	As planned	Contractor's Premises	As Required	MxD	150	€ -	€ -	
10.5.10	Third Level Support	5.7.4	14.3.2.3	As necessary	Contractor's Premises	As Required	Lot	1	€ -	€ -	
10.5.11	Support to IV&V Testing	3.3.3	14.3.3	At new releases	NCIA-Casteau	Labour	Lot	1	€ -	€ -	
10.5.12	Maintenance Records (updates)	5.4.4	14.3.5	As necessary	CWE	Electronic	Lot	1	€ -	€ -	
10.5.13	Provide User and Support Training with updated material	5.2	14.3.4	At new releases	One (1) site in Europe	Paper, Electronic	Lot	1	€ -	€ -	
TOTAL PRICE CLIN 10										€ -	
TOTAL BID PRICE (EVALUATED OPTION CLINS) - GRAND TOTAL										€ -	
11	**SUPPORT TO PREPARATIONS FOR THE NEXT INCREMENT (NON-EVALUATED OPTION)**										
11.1	**System Requirements Analysis**									€ -	
11.1.1	Perform High-level System Requirements Analysis Process	-	15.3.1	PSD to HL-SRR	Contractor's Premises	As Required	Lot	1	€ -	€ -	
11.1.2	Draft System Requirements Specification (SyRS) (extended for Increment 2)	-	15.3.1	HL-SRR	CWE	Electronic	Each	1	€ -	€ -	
11.1.3	Security Risk Assessment Report (SRA-R)	-	15.3.1.6	HL-SRR	CWE	Electronic	Each	1	€ -	€ -	
11.2	**System Design**									€ -	
11.2.1	Perform High-level System Design Process	-	15.3.2	HL-SDR	Contractor's Premises	As Required	Lot	1	€ -	€ -	
11.2.2	Draft System Design Specification (SDS) (extended for Increment 2)	-	15.3.2.1.3	HL-SDR	CWE	Electronic	Each	1	€ -	€ -	
11.3	**Planning**									€ -	
11.3.1	Planning and Engineering	-	15.3.4	PSD to PED	Contractor's Premises	As Required	Lot	1		€ -	NSP
11.3.2	Draft Project Product Breakdown Structure	-	15.3.3.2	FAR	CWE	Electronic	Each	1	€ -	€ -	
11.3.3	Draft Project Work Breakdown Structure	-	15.3.3.3	FAR	CWE	Electronic	Each	1	€ -	€ -	
11.3.4	Draft Work Packages with Cost Estimates	-	15.3.3.4	FAR	CWE	Electronic	Each	1	€ -	€ -	
11.3.5	Draft Project Master Schedule (PMS)	-	15.3.3.5	FAR	CWE	Electronic	Each	1	€ -	€ -	
11.4	**Engineering Support**									€ -	
11.4.1	Engineering Support	-	15.3.4.3	PSD to PED	Contractor's Premises	Labour	MxD	100	€ -	€ -	
11.5	**Meetings and Reviews**									€ -	
11.5.1	Conduct High-level System Requirements Review (HL-SRR)	-	15.4.1	HL-SRR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
11.5.2	High-level System Requirements Review Report (HL-SDR-R)	-	15.4.1.2	After HL-SRR	CWE	Electronic	Each	1	€ -	€ -	
11.5.3	Conduct High-level System Design Review (HL-SDR)	-	15.4.2	HL-SDR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
11.5.4	High-level System Design Review Report (HL-SDR-R)	-	15.4.2.2	After HL-SDR	CWE	Electronic	Each	1	€ -	€ -	
11.5.5	Conduct Final Assessment Review (FAR)	-	15.4.3	FAR	NCIA-TH	Meeting	Lot	1	€ -	€ -	
11.5.6	Final Assessment Review Report (FAR-R)	-	15.4.3.5	After FAR	CWE	Electronic	Each	1	€ -	€ -	
TOTAL PRICE CLIN 11										€ -	
TOTAL BID PRICE (NON-EVALUATED OPTION CLINS) - GRAND TOTAL										€ -	

SUMMARY		
TOTAL BID PRICE (BASIC CONTRACT CLINS) - GRAND TOTAL	**CLINs 1 to 8 + 12**	**#REF!**
TOTAL BID PRICE (BASIC CONTRACT CLINS + EVALUATED OPTION CLINS) - GRAND TOTAL	**CLINs 1 to 10 + 12**	**#REF!**
TOTAL BID PRICE (BASIC CONTRACT CLINS + EVALUATED OPTION CLINS + NON-EVALUATED OPTION CLINS) - GRAND TOTAL	**CLINs 1 to 12**	**#REF!**

CLIN 1 Price Breakdown

		NOTES
Currency	Select Currency	
Calendar Year (Year 1):		

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased										
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other										
Other										
1. TOTAL DIRECT MATERIAL										

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)			

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name										
Labour Category Name										
Labour Category Name										
Labour Category Name										
3. TOTAL DIRECT LABOUR										

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD			

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										
Labour Category Name										
Labour Category Name									0.00	
Labour Category Name										
Labour Category Name									0.00	
5. TOTAL SUBCONTRACT LABOUR										

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H			

7. TRAVEL UNIT TRIP COST	Number of …	Number of …	Number of …	Unit Cost Cost per …	Unit Cost Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)							
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL							

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD			

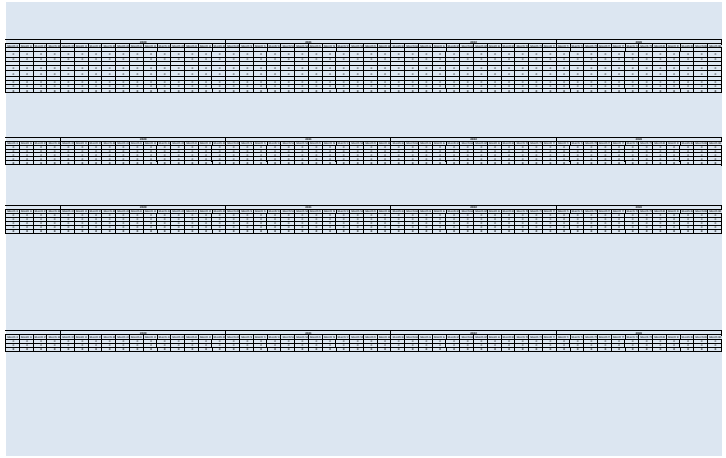
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST										

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A			

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost			

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other Factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 1)		0.00	



				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CLIN 2 Price Breakdown

		NOTES
Currency	Select Currency	
Calendar Year (Year 1):	2017	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased	0								0.00	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	0								0.00	
Other	0								0.00	
1. TOTAL DIRECT MATERIAL	0								0.00	

2017–2023 (Month 1 … Month 84)	Monthly values
1. TOTAL DIRECT MATERIAL	0 in every month

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
3. TOTAL DIRECT LABOUR	0								0.00	

2017–2023 (Month 1 … Month 84)	Monthly values
3. TOTAL DIRECT LABOUR	0 in every month

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										[illegible]
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
5. TOTAL SUBCONTRACT LABOUR	0								0.00	

2017–2023 (Month 1 … Month 84)	Monthly values
5. TOTAL SUBCONTRACT LABOUR	0 in every month

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of [illegible]	Number of [illegible]	Number of [illegible]	Unit Cost Cost per [illegible]	Unit Cost Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						0.00	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

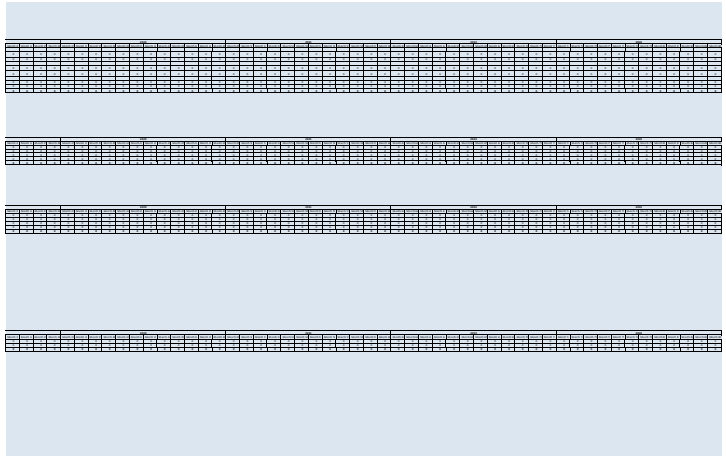
2017–2023 (Month 1 … Month 84)	Monthly values
9. TOTAL OTHER DIRECT COST	0 in every month

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure accent and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 2)		0.00	



				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CLIN 3.1 Price Breakdown

		NOTES
Currency	[illegible]	
Calendar Year (Year 1):	[illegible]	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased	0								0.00	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	0								0.00	
Other	0								0.00	
1. TOTAL DIRECT MATERIAL	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
3. TOTAL DIRECT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
5. TOTAL SUBCONTRACT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of [illegible]	Number of [illegible]	Number of [illegible]	Unit Cost Cost per [illegible]	Unit Cost Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						0.00	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

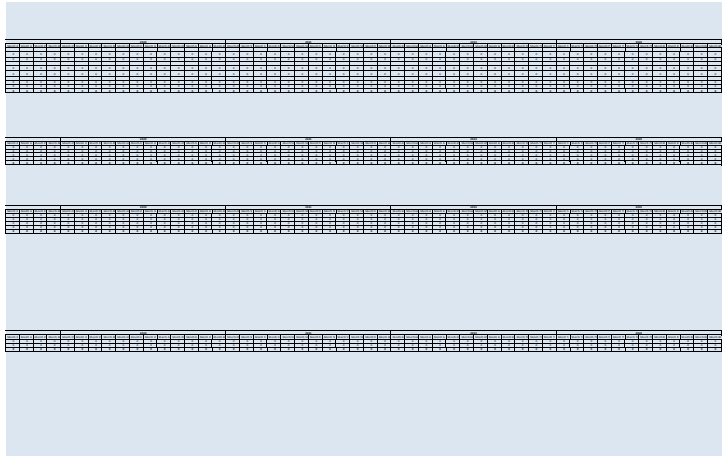
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a consist and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 3.1)		0.00	



				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CLIN 3.2 Price Breakdown

		NOTES
Currency	[illegible]	
Calendar Year (Year 1):	[illegible]	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										[illegible]
Purchased [illegible]	0								0.00	
Purchased [illegible]	[illegible]								[illegible]	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	[illegible]								[illegible]	
Other	[illegible]								0.00	
1. TOTAL DIRECT MATERIAL	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		[illegible]	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										[illegible]
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								0.00	
Labour Category Name	[illegible]								[illegible]	
3. TOTAL DIRECT LABOUR	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		[illegible]	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										[illegible]
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								0.00	
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								0.00	
5. TOTAL SUBCONTRACT LABOUR	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		[illegible]	

7. TRAVEL UNIT TRIP COST	Number of [illegible]	Number of [illegible]	Number of [illegible]	Unit Cost: Cost per [illegible]	Unit Cost: Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						[illegible]	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		[illegible]	

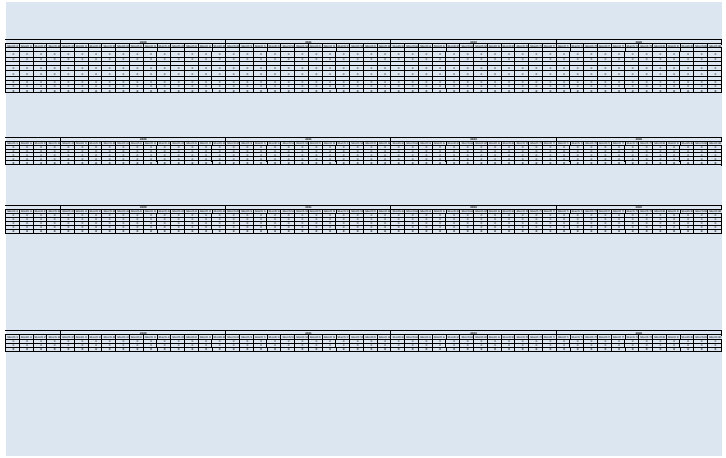
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		[illegible]	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		[illegible]	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 3.2)		0.00	



				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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CLIN 3.3 Price Breakdown

		NOTES
Currency	Select Currency	
Calendar Year (Year 1):	2017	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased	0								0.00	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	0								0.00	
Other	0								0.00	
1. TOTAL DIRECT MATERIAL	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
3. TOTAL DIRECT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
5. TOTAL SUBCONTRACT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of Trips	Number of Persons	Number of Days	Unit Cost Cost per Trip	Unit Cost Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						0.00	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

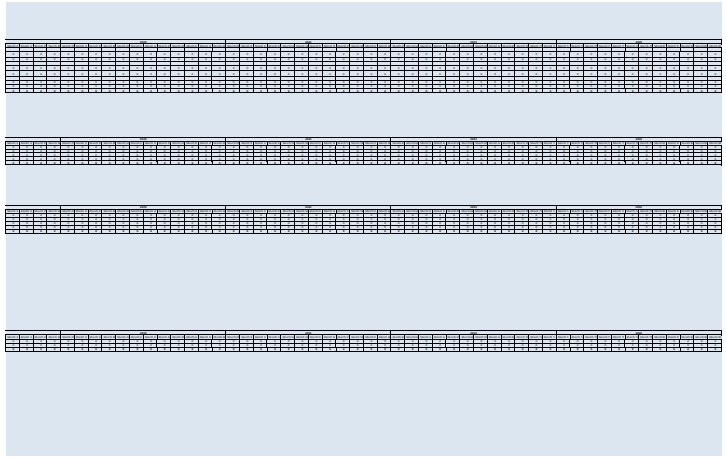
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE (%)	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 3.3)		0.00	



				2020												2021												2022												2023											
Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 8	Month 8	Month 8	Month 8	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 8	Month 8	Month 8	Month 8	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 8	Month 8	Month 8	Month 8	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 8	Month 8	Month 8	Month 8	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CLIN 3.4 Price Breakdown

		NOTES
Currency	Select Currency	
Calendar Year (Year 1):	2017	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased	0								0.00	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	0								0.00	
Other	0								0.00	
1. TOTAL DIRECT MATERIAL	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
3. TOTAL DIRECT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										[illegible]
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
5. TOTAL SUBCONTRACT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of [illegible]	Number of [illegible]	Number of [illegible]	Unit Cost Cost per [illegible]	Unit Cost Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						0.00	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 3.4)		0.00	

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CLIN 4 Price Breakdown

		NOTES
Currency	Select Currency	
Calendar Year (Year 1):	[illegible]	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased	-								-	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	-								-	
Other	-								0.00	
1. TOTAL DIRECT MATERIAL	-								0.00	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	-								0.00	
Labour Category Name	-								-	
Labour Category Name	-								0.00	
Labour Category Name	-								-	
3. TOTAL DIRECT LABOUR	-								0.00	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	-								-	
Labour Category Name	-								0.00	
Labour Category Name	-								-	
Labour Category Name	-								0.00	
5. TOTAL SUBCONTRACT LABOUR	-								0.00	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of Trips	Number of People	Number of Days	Cost per Trip	Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						-	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a commit and
A. (Expand as needed)			Insert Fee Remarks Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other Factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Remarks Here
GRAND TOTAL (CLIN 4)		0.00	

	2017 Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	2018 Month 13	Month 14	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	2019 Month 25	Month 26	Month 27	Month 28	Month 29	Month 30	Month 31	Month 32
1. MATERIALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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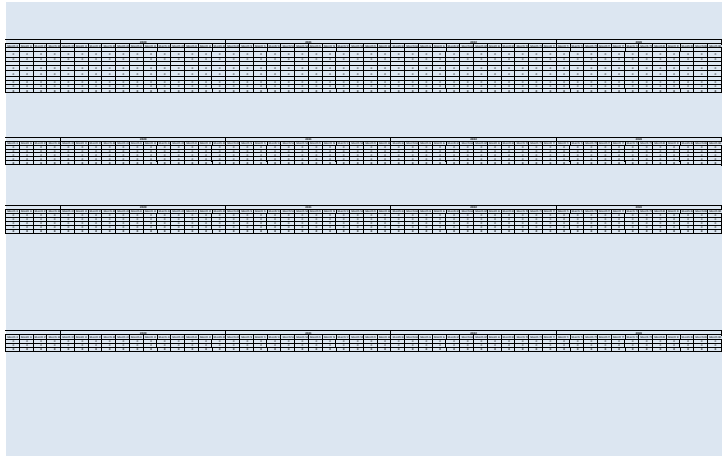
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	2017 Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	2018 Month 13	Month 14	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	2019 Month 25	Month 26	Month 27	Month 28	Month 29	Month 30	Month 31	Month 32
3. LABOUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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CLIN 5 Price Breakdown

		NOTES
Currency	[illegible]	
Calendar Year (Year 1):	[illegible]	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										[illegible]
Purchased [illegible]	0								0.00	
Purchased [illegible]	[illegible]								[illegible]	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	[illegible]								[illegible]	
Other	[illegible]								0.00	
1. TOTAL DIRECT MATERIAL	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		[illegible]	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										[illegible]
[illegible]	[illegible]								[illegible]	
[illegible]	[illegible]								[illegible]	
[illegible]	[illegible]								[illegible]	
[illegible]	[illegible]								[illegible]	
3. TOTAL DIRECT LABOUR	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		[illegible]	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										[illegible]
[illegible]	[illegible]								[illegible]	
[illegible]	[illegible]								[illegible]	
[illegible]	[illegible]								[illegible]	
[illegible]	[illegible]								[illegible]	
5. TOTAL SUBCONTRACT LABOUR	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		[illegible]	

7. TRAVEL UNIT TRIP COST	Number of [illegible]	Number of [illegible]	Number of [illegible]	Cost per [illegible]	Per Diem	TOTAL COST	NOTES
Trip Name A (Please update trip name)						[illegible]	Please Describe the reason for the trip.
Trip Name B (Please update trip name)						[illegible]	
7. TOTAL TRAVEL						[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		[illegible]	

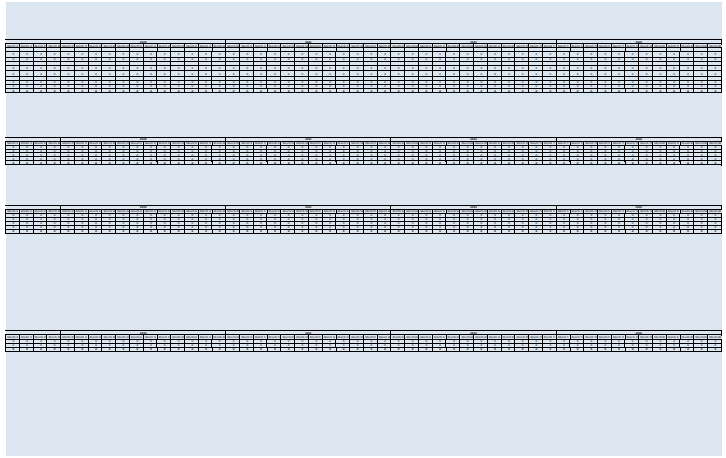
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	[illegible]								[illegible]	
Other Direct Cost	[illegible]								[illegible]	
9. TOTAL OTHER DIRECT COST									[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		[illegible]	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		[illegible]	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 5)		0.00	



				2020												2021												2022												2023											
Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]
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				2020												2021												2022												2023											
Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]	Month [illegible]
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CLIN 6 Price Breakdown

		NOTES
Currency	[illegible]	
Calendar Year (Year 1):	[illegible]	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										[illegible]
Purchased	0								0.00	
Purchased	[illegible]								[illegible]	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	[illegible]								[illegible]	
Other	[illegible]								[illegible]	
1. TOTAL DIRECT MATERIAL	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		[illegible]	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										[illegible]
Labour Category Name	[illegible]								0.00	
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								0.00	
Labour Category Name	[illegible]								[illegible]	
3. TOTAL DIRECT LABOUR	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		[illegible]	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										[illegible]
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								0.00	
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								0.00	
5. TOTAL SUBCONTRACT LABOUR	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		[illegible]	

7. TRAVEL UNIT TRIP COST	Number of [illegible]	Number of [illegible]	Number of [illegible]	Cost per [illegible]	Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						[illegible]	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
8. TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8. TRAVEL OVERHEAD		[illegible]	

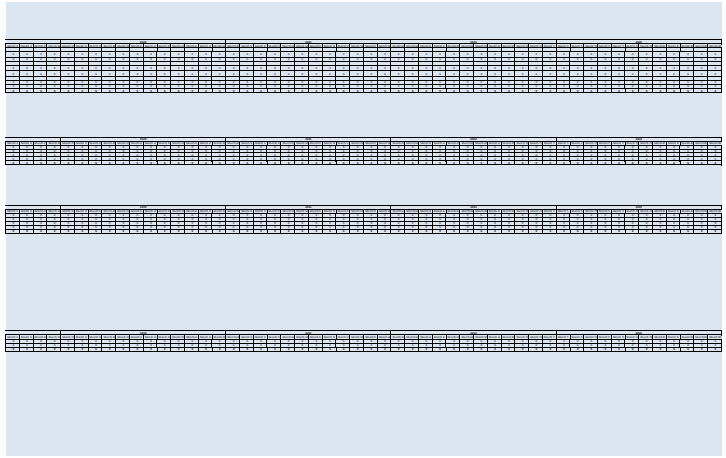
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		[illegible]	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a consist and [illegible]
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		[illegible]	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other Factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 6)		0.00	



				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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CLIN 7 Price Breakdown

		NOTES
Currency	[illegible]	
Calendar Year (Year 1):	[illegible]	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										[illegible]
Purchased	0								0.00	
Purchased	[illegible]								[illegible]	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	[illegible]								[illegible]	
Other	[illegible]								[illegible]	
1. TOTAL DIRECT MATERIAL	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		[illegible]	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										[illegible]
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								[illegible]	
3. TOTAL DIRECT LABOUR	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		[illegible]	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										[illegible]
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								[illegible]	
Labour Category Name	[illegible]								[illegible]	
5. TOTAL SUBCONTRACT LABOUR	[illegible]								[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		[illegible]	

7. TRAVEL UNIT TRIP COST	Number of [illegible]	Number of [illegible]	Number of [illegible]	Unit Cost: Cost per [illegible]	Unit Cost: Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						[illegible]	
Trip Name B (Please update trip name)						[illegible]	
7. TOTAL TRAVEL						[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		[illegible]	

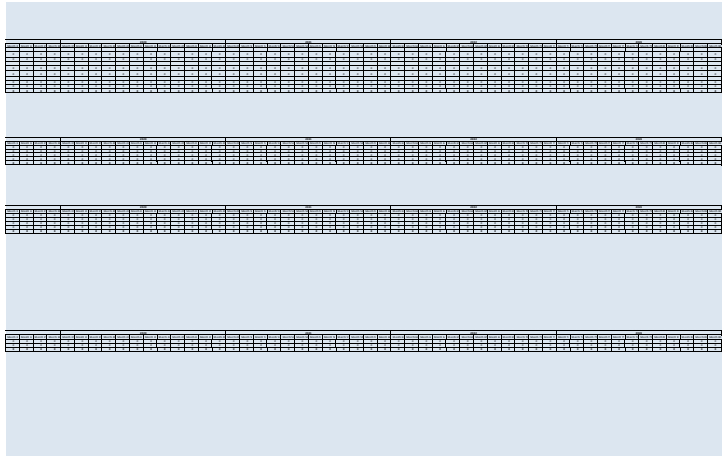
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	[illegible]								[illegible]	
Other Direct Cost	[illegible]								[illegible]	
9. TOTAL OTHER DIRECT COST									[illegible]	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		[illegible]	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee/Profit Here
12. Total Fee Cost		[illegible]	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other factors" rate is being applied.
A. (Expand as needed)			Insert Other Factor Here
GRAND TOTAL (CLIN 7)		0.00	



				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CLIN 8 Price Breakdown

		NOTES
Currency	Select Currency	
Calendar Year (Year 1):	2017	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased	0								0.00	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	0								0.00	
Other	0								0.00	
1. TOTAL DIRECT MATERIAL	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
3. TOTAL DIRECT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
5. TOTAL SUBCONTRACT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of	Number of	Number of	Cost per	Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						0.00	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 8)		0.00	

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CLIN 9 Price Breakdown

		NOTES
Currency	Select Currency	
Calendar Year (Year 1):	2017	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased	-								-	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	-								-	
Other	-								0.00	
1. TOTAL DIRECT MATERIAL	-								0.00	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	-								0.00	
Labour Category Name	-								-	
Labour Category Name	-								0.00	
Labour Category Name	-								-	
3. TOTAL DIRECT LABOUR	-								0.00	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	-								-	
Labour Category Name	-								0.00	
Labour Category Name	-								-	
Labour Category Name	-								0.00	
5. TOTAL SUBCONTRACT LABOUR	-								0.00	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of Trips	Number of Persons	Number of Days	Unit Cost: Cost per Trip	Unit Cost: Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						-	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

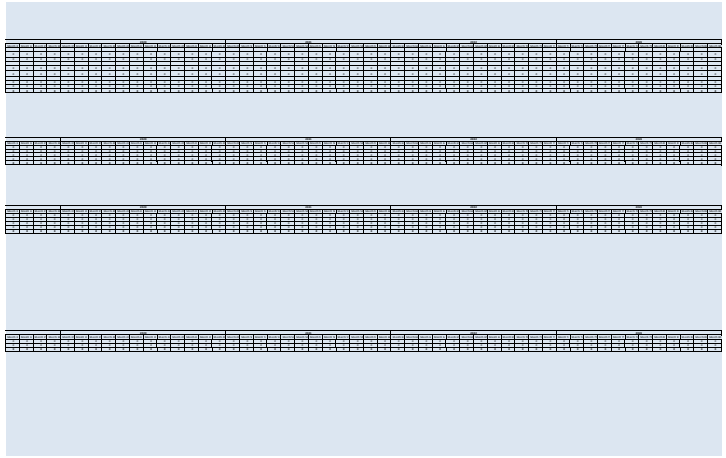
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other Factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 9)		0.00	



				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CLIN 10 Price Breakdown

		NOTES
Currency		
Calendar Year (Year 1):		

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased	0								0.00	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	0								0.00	
Other	0								0.00	
1. TOTAL DIRECT MATERIAL	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
3. TOTAL DIRECT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
5. TOTAL SUBCONTRACT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of	Number of	Number of	Unit Cost Cost per	Unit Cost Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						0.00	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

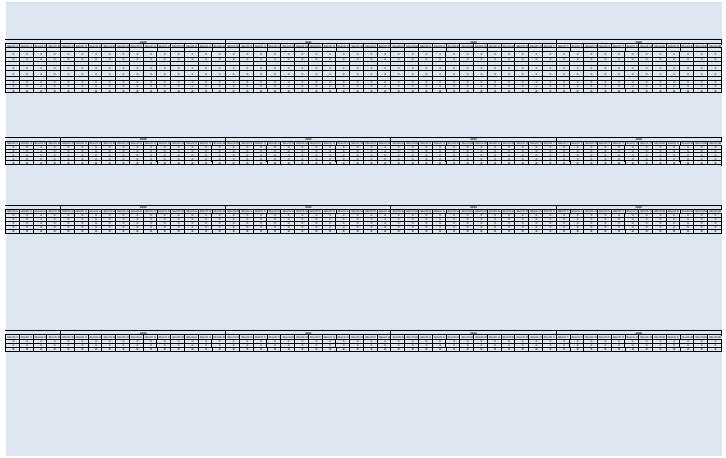
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE (%)	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a commit and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other Factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 10)		0.00	



				2020											
Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2021											
Month 4	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 6
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2022											
Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 7	Month 7	Month 7
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2023											
Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 8	Month 8	Month 8	Month 8	Month 84
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

				2020											
Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2021											
Month 4	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 6
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2022											
Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 7	Month 7	Month 7
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2023											
Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 8	Month 8	Month 8	Month 8	Month 84
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

				2020											
Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2021											
Month 4	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 6
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2022											
Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 7	Month 7	Month 7
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2023											
Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 8	Month 8	Month 8	Month 8	Month 84
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

				2020											
Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 3	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4	Month 4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2021											
Month 4	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 5	Month 6
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2022											
Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 6	Month 7	Month 7	Month 7
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2023											
Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 7	Month 8	Month 8	Month 8	Month 8	Month 84
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

CLIN 11 Price Breakdown

		NOTES
Currency	Select Currency	
Calendar Year (Year 1):	2017	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										Please provide the sub-CLIN associated with each cost
Purchased	0								0.00	
Purchased	0								0.00	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	0								0.00	
Other	0								0.00	
1. TOTAL DIRECT MATERIAL	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										Please provide the sub-CLIN associated with each cost
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
3. TOTAL DIRECT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
Labour Category Name	0								0.00	
5. TOTAL SUBCONTRACT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of Trips	Number of Persons	Number of Days	Unit Cost: Cost per Trip	Unit Cost: Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						0.00	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

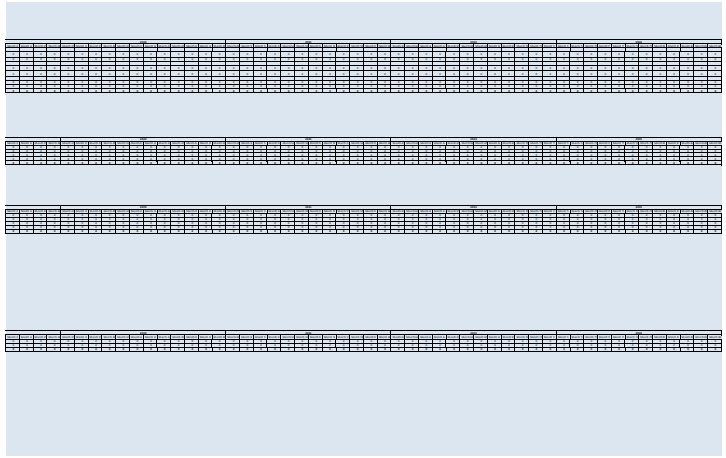
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General and Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 11)		0.00	



				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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				2020												2021												2022												2023											
Month 33	Month 34	Month 35	Month 36	Month 37	Month 38	Month 39	Month 40	Month 41	Month 42	Month 43	Month 44	Month 45	Month 46	Month 47	Month 48	Month 49	Month 50	Month 51	Month 52	Month 53	Month 54	Month 55	Month 56	Month 57	Month 58	Month 59	Month 60	Month 61	Month 62	Month 63	Month 64	Month 65	Month 66	Month 67	Month 68	Month 69	Month 70	Month 71	Month 72	Month 73	Month 74	Month 75	Month 76	Month 77	Month 78	Month 79	Month 80	Month 81	Month 82	Month 83	Month 84
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CLIN 12 Price Breakdown

		NOTES
Currency	[illegible]	
Calendar Year (Year 1):	[illegible]	

	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
1. MATERIALS										
A. PURCHASED EQUIPMENT										[illegible]
Purchased	0								0.00	
Purchased	0								0.00	
B. SUBCONTRACTED EQUIPMENT/MATERIALS										
Subcontracted	0								0.00	
Subcontracted	0								0.00	
C. OTHER										
Other	0								0.00	
Other	0								0.00	
1. TOTAL DIRECT MATERIAL	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
2. MATERIAL OVERHEAD (OH)			
A. OH Rate (%) X TOTAL Material			
B. (Expand as needed)			
2. Total MATERIAL OVERHEAD (OH)		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
3. LABOUR										[illegible]
[illegible]	0								0.00	
[illegible]	0								0.00	
[illegible]	0								0.00	
[illegible]	0								0.00	
3. TOTAL DIRECT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
4. LABOUR OVERHEAD			
A. OH Rate (%) X TOTAL LABOUR			
B. (Expand as needed)			
4. Total LABOUR OVERHEAD		0.00	

	HOURS	RATE/HOUR 2017	RATE/HOUR 2018	RATE/HOUR 2019	RATE/HOUR 2020	RATE/HOUR 2021	RATE/HOUR 2022	RATE/HOUR 2023	TOTAL COST	NOTES
5. SUBCONTRACT LABOUR										[illegible]
[illegible]	0								0.00	
[illegible]	0								0.00	
[illegible]	0								0.00	
[illegible]	0								0.00	
5. TOTAL SUBCONTRACT LABOUR	0								0.00	

	OH RATE (%)	TOTAL COST	NOTES
6. SUBCONTRACT LABOUR O/H			
A. OH Rate (%) X TOTAL SUBCONTRACT LABOUR			
B. (Expand as needed)			
6. Total SUBCONTRACT LABOUR O/H		0.00	

7. TRAVEL UNIT TRIP COST	Number of [illegible]	Number of [illegible]	Number of [illegible]	Cost per [illegible]	Per Diem	TOTAL COST	NOTES
							Please Describe the reason for the trip.
Trip Name A (Please update trip name)						0.00	
Trip Name B (Please update trip name)						0.00	
7. TOTAL TRAVEL						0.00	

	OH RATE (%)	TOTAL COST	NOTES
8.TRAVEL OVERHEAD			
A. OH Rate (%) X TOTAL TRAVEL			
B. (Expand as needed)			
8.TRAVEL OVERHEAD		0.00	

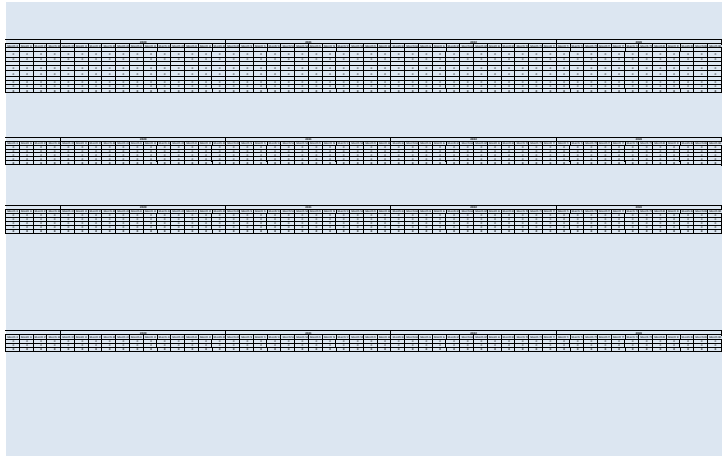
	Quantity	Unit Cost 2017	Unit Cost 2018	Unit Cost 2019	Unit Cost 2020	Unit Cost 2021	Unit Cost 2022	Unit Cost 2023	TOTAL COST	NOTES
9. OTHER DIRECT COSTS										
Other Direct Cost	0.00								0.00	
Other Direct Cost	0.00								0.00	
9. TOTAL OTHER DIRECT COST									0.00	

	OH RATE (%)	TOTAL COST	NOTES
10. OTHER DIRECT COSTS O/H			
A. OH Rate (%) X TOTAL ODCs			
B. (Expand as needed)			
10. OTHER DIRECT COST O/H		0.00	

	RATE %	TOTAL COST	REFERENCE
11. General & Administrative (G&A)			
A. G&A (Insert Business Application)			
B. (Expand as needed)			
11. Total G&A		0.00	

	RATE (%)	TOTAL COST	NOTES
12. Total Fee/Profit %			Please provide a description of to which elements fee is being applied. Ensure a correct and
A. (Expand as needed)			Insert Fee Formula Here
12. Total Fee Cost		0.00	

	RATE (%)	TOTAL COST	NOTES
13. OTHER FACTORS			Please provide a description of to which elements "Other Factors" rate is being applied.
A. (Expand as needed)			Insert Other Factors Formula Here
GRAND TOTAL (CLIN 12)		0.00	



				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month
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0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

				2020												2021												2022												2023											
Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month	Month
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

SCHEDULE OF FORWARD LABOUR RATES

Firm Fixed Price Daily Rates for Work performed at Location and Year specified below

Currency:

		Year 2017		Year 2018		Year 2019		Year 2020		Year 2021	
ITEM	Labour Category (See description in Section 6 of the SOW)	Contractor Facilities	NATO Europe	Contractor Facilities	NATO Europe	Contractor Facilities	NATO Europe	Contractor Facilities	NATO Europe	Contractor Facilities	NATO Europe
1.1	Project Manager										
1.2	Project Control Analyst										
1.3	Webmaster										
1.4	Contract Security Specialist										
1.5	Senior Engineer										
1.6	Intermediate Engineer										
1.7	Junior Engineer										
1.8	Senior Systems Engineer										
1.9	Intermediate Systems Engineer										
1.10	Junior Systems Engineer										
1.11	Senior Communications Engineer										
1.12	Intermediate Communications Engineer										
1.13	Junior Communications Engineer										
1.14	Senior Network Engineer										
1.15	Intermediate Network Engineer										
1.16	Junior Network Engineer										
1.17	Systems Integration Analyst										
1.18	Senior Software Programmer										
1.19	Intermediate Software Programmer										
1.20	Junior Software Programmer										
1.21	System Support Engineer										
1.22	Senior Test Engineer										
1.23	Intermediate Test Engineer										
1.24	Junior Test Engineer										
1.25	Test Technician										
1.26	Information Systems Security Engineer										
1.27	Information Systems Security Specialist										
1.28	Field Engineer										
1.29	Senior Technician										
1.30	Intermediate Technician										
1.31	Junior Technician										
1.32	System Management Specialist										
1.33	Logistics Management Specialist										
1.34	Logistics Analyst										
1.35	Inventory Specialist										
1.36	Shipping and Receiving Clerk										
1.37	Technical Writer										
1.38	Senior Configuration Manager										
1.39	Intermediate Configuration Manager										
1.40	Junior Configuration Manager										
1.41	Data Control Specialist										
1.42	Qualiy Assurance Manager										
1.43	Quality Assurance Specialist										
1.44	Instructional Systems Designer										

1.45	Senior Training Materials Developer										
1.46	Training Materials Developer										
1.47	CBT Developer										
1.48	Senior Instructor										
1.49	Junior Instructor										
1.50	System Administrator										
1.51	Network Manager										
1.52	Database Administrator										
1.53	Operational Support Manager										
1.54	Senior Maritime C2 Functional Specialist										
1.55	Intermediate Maritime C2 Functional Specialist										
1.56	Senior Graphical User Interface Designer										
1.57	Senior Geo-Specialist										
1.58	Intermediate Geo-Specialist										
1.59	Other (TBD by Bidder)										
1.60											
1.61											
1.62											
1.63											
1.64											
1.65											
1.66											
1.67											
1.68											
1.69											
1.70											
1.71											
1.72											
1.73											
1.74											
1.75											

SCHEDULE OF UNIT PRICES FOR COTS SOFTWARE LICENSES (for all CLINs)

		Firm Fixed-Price Unit Prices for COTS Software Licenses and order quantities stated below. Quantity refers to number of licenses. Currency:														
		Year 2017			Year 2018			Year 2019			Year 2020			Year 2021		
Item	Item Description	Less than 20	20 to 59	60 or more	Less than 20	20 to 59	60 or more	Less than 20	20 to 59	60 or more	Less than 20	20 to 59	60 or more	Less than 20	20 to 59	60 or more
1.1	To be filled by Bidders based on the proposed COTS products															
1.2																
1.3																
1.4																
1.5																
1.6																
1.7																
1.8																
1.9																
1.10																
1.11																
1.12																
1.13																
1.14																
1.15																
1.16																
1.17																
1.18																
1.19																
1.20																
1.21																
1.22																
1.23																
1.24																
1.25																

IFB-CO-13859-TRITON

PROVISION OF FUNCTIONAL SERVICES FOR COMMAND AND CONTROL OF MARITIME OPERATIONS (TRITON)

INCREMENT 1

PROJECT SERIAL 2011/0IS03081

BOOK II – PART I

PROSPECTIVE CONTRACT

NCI AGENCY CONTRACT	
1. Original Number __ of	2. PO Number:
3. Contract Number: CO-13859-TRITON	4. Effective Date:
5. Contractor:	6. Purchaser: NCIO represented by: The General Manager NCI Agency Avenue du Bourget 140 B-1140 Bruxelles Tel: +32 (0)2 707 8591 Fax: +32 (0)2 707 8770
7. CONTRACT SCOPE/SCHEDULE OF SUPPLIES/SERVICES This is a Firm Fixed Price Contract for the implementation and transitioning of Increment 1 of the Functional Services Command and Control of Maritime Operations (short name: TRITON) to be developed and delivered in accordance with the terms and conditions specified herein. The overall performance to be rendered by the Contractor under this Contract is divided into distinguished Work Packages. The obligation of the parties is limited to performance of work under Work Packages authorized in accordance with the terms of this Contract and up to the total amount specified in Block 8 of this Contract Signature Page.	
8. TOTAL AMOUNT OF CONTRACT : Firm Fixed Price (Cumulative Total CLINs 1 to 8 and 12)	
9. PERIOD OF PERFORMANCE EDC + 36 months	10. LOCATION OF WORK As specified in the Statement of Work and Contractor's proposal
11. CONTRACT AGREEMENT: Subject to the prescriptions of Clause 3 ("Order of Precedence") of the Special Provisions, this document (hereinafter referred to as the "Signature Page") including all of its Annexes and the below named documents, where indicated incorporated by reference, constitute the entire Agreement between the Parties (hereinafter referred to as the "Contract" or the "Agreement"): (a) Part 1. Schedule of Supplies and Services (b) Part 2. Special Contract Provisions and Annexes (c) Part 3. NCIO General Provisions and Annexes (d) Part 4. Statement of Work and Annexes (e) Other documents indicated under Clause 2 "Order of Precedence" In the event of any conflict or inconsistencies between or among any of the documents comprising this Agreement, the order of priority specified in clause 2 "Order of Precedence" of the Contract Special Provisions shall apply.	
12. Signature of Contractor	13. Signature of Purchaser
14. Name and Title of Signer	15. Name and Title of Signer
16. Date signed by the Contractor	17. Date signed by the Purchaser

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IFB-CO-13859-TRITON

PROVISION OF FUNCTIONAL SERVICES FOR COMMAND AND CONTROL OF MARITIME OPERATIONS (TRITON)

INCREMENT 1

PROJECT SERIAL 2011/0IS03081

BOOK II – PART I

CONTRACT SCHEDULES

To be extracted from the Bidding Sheets

IFB-CO-13859-TRITON

PROVISION OF FUNCTIONAL SERVICES FOR COMMAND AND CONTROL OF MARITIME OPERATIONS (TRITON)

INCREMENT 1

PROJECT SERIAL 2011/0IS03081

BOOK II – PART II

SPECIAL CONTRACT PROVISIONS

1. INTERPRETATION, DEFINITIONS, AND ACRONYMS

1.1. As used throughout this Contract, the following terms shall have the meanings specified below unless otherwise specified in the Contract:

1.1.1. "Installation Sites": the NATO premises as set out in Contract Schedules and the Statement of Work (SOW) and or such other sites as the Purchaser shall from time to time notify to the Contractor through a Contract Amendment;

1.1.2. "NATO Participating Country": any NATO nation that has undertaken to share the cost of the project, namely, (in alphabetical order): ALBANIA, BELGIUM, BULGARIA, CANADA, CROATIA, CZECH REPUBLIC, DENMARK, ESTONIA, FRANCE, GERMANY, GREECE, HUNGARY, ICELAND, ITALY, LATVIA, LITHUANIA, LUXEMBOURG, THE NETHERLANDS, NORWAY, POLAND, PORTUGAL, ROMANIA, SLOVAKIA, SLOVENIA, SPAIN, TURKEY, THE UNITED KINGDOM and THE UNITED STATES OF AMERICA.

1.1.3. "Work Packages": Divisions of the total Contract work effort into a grouping of tasks/products that the Contractor shall deliver and/or perform as a bundle under the terms of this contract. A description of all Contract Work Packages is provided in Annex B to Part IV, Statement of Work.

1.1.4. "Technical Solution": the Contractor's specification for project TRITON provided as part of his bid and included in this Contract by reference.

1.1.5. "Service": A non-material equivalent of a good that is part of the activity performed under the Contract.

2. DISPOSITION OF NCIO CONTRACT GENERAL PROVISIONS

2.1. For the purposes of this Contract, the NCIO Contract General Provisions are modified, supplemented, or deleted as follows.

2.1.1. Clause 1 (Order of Precedence) is replaced by Clause 3 (Order of Precedence) of the Contract Special Provisions.

2.1.2. Clause 2 (Definitions) is supplemented by Clause 1 (Interpretation, Definition, and Acronyms) of the Contract Special Provisions.

2.1.3. Clause 7 (Firm Fixed Price Contract) is replaced by Clause 6 (Contract Type) of the Contract Special Provisions.

2.1.4. Clause 8 (Performance Guarantee) is supplemented by Clause 33 (Performance Guarantee) of the Contract Special Provisions.

2.1.5. Clause 11 (Security) is supplemented by Clause 34 (Security) of the Contract Special Provisions.

2.1.6. Clause 19 (Pricing of Changes, Amendments and Claims) is supplemented by Clause 13 (Pricing of Changes Amendment and Claims) of the Contract Special Provisions.

2.1.7. Clauses 21 (Inspection and Acceptance of Work) and 22 (Inspection and Acceptance of Documentation) are supplemented by Clause 17 (Acceptance Procedures) of the Contract Special Provisions.

2.1.8. Clause 24 (Ownership and Title) is supplemented by Clause 18 (Risk of Loss or Damage) of the Contract Special Provisions.

2.1.9. Clause 25 (Invoices and Payment) is supplemented by Clause 7 (Invoices and Payment Terms) of the Contract Special Provisions.

2.1.10. Clause 27 (Warranty of Work (Exclusive of Software)) is supplemented by Clause 31 (Warranty Period (Exclusive of Software)) of the Contract Special Provisions.

2.1.11. Clause 31 (Software Warranty) is supplemented by Clause 32 (Software Warranty) of the Contract Special Provisions.

2.1.12. Clause 38 Liquidated Damages is replaced by Clause 23 (Liquidated Damages) of the Contract Special Provisions.

3. ORDER OF PRECEDENCE

3.1. This Clause supersedes Clause 1 of the NCIO Contract General Provisions.

3.2. In case of conflict between the clauses and the schedules and/or any annexes to the schedules and/or any other documents referred to in this Contract, the conflict shall be resolved in accordance with the following order of precedence:

1. The Signature Page
2. Part I (Contract Schedule of Supplies and Services)
3. Part II (Special Contract Provisions) and Annexes
4. Part III (NCIO Contract General Provisions) and Annexes
5. Project Management and Engineering documentation as listed and approved in accordance with Clause 36.
6. Annex B to Part IV – Statement of Work, Work Packages
7. Part IV – Statement of Work
8. Annex A to Part IV – Statement of Work, System Requirements Specification
9. The Purchaser's provided clarifications, issued throughout the bidding period relevant to IFB-CO-13859-TRITON.
10. The Contractor's proposal (Technical Proposal and Price Quotation) in response to IFB-CO-13859-TRITON dated [date] and any clarifications thereto, incorporated herein by reference.

4. SCOPE OF WORK

4.1. This Contract is for the provision of the implementation and transitioning of Increment 1 of the Functional Services for Command and Control of Maritime Operations, short name "TRITON".

4.2. TRITON Increment 1 will deliver services to provide the users with Maritime Situational Awareness (MSA) and C2 capabilities by replacing the operational-level functionality of the existing Maritime Command and Control Information System (MCCIS) and MSA/BRITE Demonstrator Prototype.

4.3. The purpose of Project TRITON is to provide Functional Services for Command and Control of Maritime Operations, which will allow NATO and its Alliance members to conduct maritime operations. The services to be delivered for the entire capabilities of TRITON will provide the tools for the NATO operational user to plan and execute the full spectrum of maritime missions in a joint environment. They enable the operators to share and leverage the services provided by Core Services implementation, as well as tools and capabilities offered through the other NATO Functional Services in order to facilitate a seamless operating environment for the users.

4.4. TRITON will provide the NATO community with an integrated, robust and flexible C2 capability supported by the Core Services available through the Bi-Strategic Command Automated Information System (Bi-SC AIS).

4.5. The services delivered by TRITON Increment 1 will cover a subset of overall capabilities and provide a foundation to build on for future Increments.

4.6. TRITON will enable the users to collect, process, present and distribute information that supports the major functions of Maritime C2. These services will support NATO Headquarters and Centres at both static and afloat locations. TRITON Functional Services will be operational at deployed sites, Afloat Command Platforms (ACP) in NATO-led task forces/groups, basically Standing NATO Maritime Group (SNMG) and Standing NATO Mine Counter Measures Group (SNMCMG).

4.7. The project will also provide a C4ISR Visualisation Component as a re-usable software package. This component will be used by other Bi-SC AIS systems to provide a standardised map and object visualisation capability.

4.8. The full scope of work to be delivered under this Contract is set up in eleven (11) individual Work Packages, of which three are Contract Options. The Work Packages are described in detail in Annex B to Part IV, Statement of Work (SOW).

5. TOTAL SYSTEM PERFORMANCE RESPONSIBILITY AND COMPREHENSION

5.1. The Contractor warrants that he has read, understood and agreed to implement each and all terms, clauses, specifications (including interfaces), conditions and requirements specified in this Contract and that his signature of the Contract is an acceptance, without reservations, of the said Contract terms within their normal and common meaning.

5.2. The Statement of Work (SOW) and its Annex System Requirements Specification (SRS) of Part IV of this Contract set forth the performance requirements for the Contractor's proposed work as called for under this Contract. Accordingly, notwithstanding any conflict or inconsistency which hereafter may be found

between achievement of the aforesaid performance requirements and adherence to the Contractor's proposed design for the work, the Contractor hereby warrants that the Deliverables will meet the performance requirements of the said SOW and SRS.

5.3. The Contractor shall be fully responsible for the integration of all its sub-systems and components, and hereby agrees to make certain that any or all required inspection and Acceptance test procedures are accomplished and are sufficient to meet the specifications. Further, the Contractor agrees that all subsystems and components will be installed and integrated into the systems to be delivered under this Contract.

6. CONTRACT TYPE

6.1. This Clause supersedes Clause 7 of the NCIO Contract General Provisions.

6.2. This is a Firm Fixed Price Contract.

6.3. The total Firm Fixed Price of this Contract is stated on the Signature page of the Contract and is based on the price of CLINs 1 through 8 and 12, unless revised by the Purchaser through formal Amendment to the Contract.

6.4. The Purchaser assumes no liability for costs incurred by the Contractor in excess of the stated Total Price.

7. INVOICES AND PAYMENT TERMS

7.1. This Clause supplements Clause 25 of the NCIO Contract General Provisions.

7.2. Payment for supplies and services furnished under this Contract shall be made in the currency quoted by the Contractor for the relevant portion of the Contract.

7.3. Payments will be made to the Contractor on achievement/delivery and prior written acceptance by the Purchaser of the progress milestones defined at ANNEX J of the Contract Special Provisions.

7.4. Where Optional Work Packages are exercised, payments shall be made in accordance with the stipulations of the relevant amendment providing for the exercise of such Options.

7.5. No payment shall be made with respect to undelivered supplies, works not performed, services not rendered and/or incorrectly submitted invoices.

7.6. The Purchaser shall not be liable for any amount resulting from the performance of services or the delivery of equipment outside the scope of this Contract.

7.7. Payment to the Contractor will be made within 60 days of receipt of properly supported and documented invoices and upon acceptance in writing by the Purchaser.

7.8. All invoices shall refer to CO-13859-TRITON Purchase Order Number [*NCIA PO REF*].

8. C4ISR VISUALISATION COMPONENT

8.1. This Clause 8 only applies to Contract deliverables of Work Package 4 (Visualisation Component Provision).

8.2. The technical scope of this Contract includes the design and implementation of a "C4ISR Visualisation Component" which the Purchaser intends to re-use and incorporate into current and future NCI Agency projects and Bi-SC AIS Functional Services for use by NATO and NATO Nations.

8.3. The C4ISR Visualisation Component constitutes a stand-alone, self-sufficient, and independently installable software package to be developed in accordance with the technical specifications set forth in Annex A (SRS) and Annex B (Work Packages) to Part IV, Statement of Work (SOW).

8.4. The design and development of the C4ISR Visualisation Component under this Contract is set up as an independent Work Package (Work Package 4). Due to the Purchaser's intent to re-use the C4ISR Visualisation Component, both as a completed object and as initial releases or prototypes thereof, all deliverables of Work Package 4, i.e. CLIN 4, shall be governed by distinct Intellectual Property and Ownership provisions listed in Clauses 8.5 through 8.7 herewith.

8.5. **Intellectual Property**

8.5.1. This Clause supplements Clause 30 (Intellectual Property) of the NCIO Contract General Provisions and covers the C4ISR Visualisation Component.

8.5.2. As the Purchaser intends to reuse the C4ISR Visualisation Component as detailed in Section 8.2 above, it is anticipated that all Intellectual Property of the C4ISR Visualisation Component, both object and source code, shall be considered Foreground Intellectual Property Rights (IPR) in accordance with Clause 2.19 and 30.3 of the NCIO Contract General Provisions. As a consequence, all IPR of the C4ISR Visualisation Component shall be the property of the Purchaser on behalf of NATO.

8.5.3. Notwithstanding Clause 8.5.2 above, the Purchaser recognizes that the Contractor may require the use of Third Party Commercial of the Shelf (COTS) products for the purpose of developing the C4ISR Visualisation Component pursuant to this Contract. In such case, the Contractor shall state the proposed COTS products in ANNEX E hereto. For such COTS items, the Contractor shall be responsible for obtaining licenses in line with the requirements of the Statement of Work and its annexes (including numbers and locations of licenses). No IPR other than Foreground and Third Party COTS shall govern the deliverables of this Work Package 4 and the delivery of the C4ISR Visualisation Component. With the exception of licencing terms for COTS to be provided, if any, no statement limiting the use of the Visualisation Component shall be accepted.

8.5.4. The Contractor shall ensure that suitable arrangements are in place between its employees, agents, consultants and itself regarding the IPR of the C4ISR Visualisation Component generated by said employees, agents, Subcontractors and consultants to allow the Contractor to fulfil its obligations under Clause 8.5 above.

8.5.5. The Contractor shall be entitled to use the Foreground IPR of the visualization component on a non-exclusive, royalty free basis solely for the purpose of carrying out the Work.

8.5.6. The Contractor shall not use any Foreground IPR of the C4ISR Visualisation Component (other than for the purpose of carrying out the Work) without the Purchaser's prior written agreement. Any such agreement shall include terms relating to such use.

8.5.7. The Contractor shall provide the Purchaser, at the latest upon delivery of the C4ISR Visualisation Component and thereafter for the duration of the warranty and any purchased CLS (Contractor Logistics Support) agreement period, with full documented records of information in relation to the C4ISR Visualisation Component, including but not limited to, all drawings, specifications and other data that is necessary or useful to further develop, maintain and operate the C4ISR Visualisation Component.

8.5.8. The Contractor shall take all necessary actions and sign all necessary documents to;

8.5.8.1. Enable the Purchaser to obtain the registration, if applicable, of the C4ISR Visualisation Component IPR as the Purchaser may require and select; and

8.5.8.2. Execute any formal assignment or prepare other documents as may be necessary or useful to vest title to any C4ISR Visualisation Component IPR in the Purchaser.

8.5.9. The Contractor undertakes;

8.5.9.1. To notify the Purchaser promptly of any invention or improvement to an invention or any design conceived or made by the Contractor; and

8.5.9.2. To provide the Purchaser with such information as the Purchaser may reasonably request in order to:

8.5.9.2.1 Determine the patentability of such invention or improvement,

8.5.9.2.2 Assess the need for registering such invention or improvement;

8.5.9.3. If the Purchaser determines that it wishes to apply for one or more patents for the disclosed invention or improvement or for a registration for the disclosed design, it will prosecute such application(s) at its own expense. The Contractor undertakes to provide the Purchaser, at the Purchaser's expense, with such information and assistance as the Purchaser shall reasonably require to prosecute such application(s).

8.5.9.4. In accordance with the Purchaser’s intent to re-use the C4ISR Visualisation Component in current and future projects, the Purchaser reserves the right to transfer IPR of the C4ISR Visualisation Component to third parties for implementation under separate Purchaser contracts.

8.6. **Ownership and Title**

8.6.1. This Clause supersedes Clause 24 (Ownership and Title) of the NCIO Contract General Provisions.

8.6.2. All IPR of the C4ISR Visualisation Component is immediately and exclusively

transferred and assigned to the Purchaser as from their coming into existence upon which point in time the Purchaser assumes ownership and title to such IPR.

8.7. **Warranty**

8.7.1. Notwithstanding the ownership and title provisions of Clause 8.6, the warranty period for the visualisation component shall start upon Purchaser acceptance of the FSA milestone in accordance with the SOW paragraph 5.10.

9. PURCHASER RIGHT TO CONTRACT WITH THIRD PARTIES IN CASE OF CONTRACTOR DEFAULT

9.1. This Clause supplements Clause 39 (Termination for Default) of the NCIO Contract General Provisions.

9.2. In the event that the Contractor fails to deliver or make progress on the provision of TRITON Increment 1 in accordance with the activity milestones and delivery dates stipulated in the Schedule of Supplies and Services and Statement of Work, and is notified by the Purchaser in writing that the Contractor is in a state of default in accordance with Clause 39 of the NCIO Contract General Provisions (Termination for Default), the Purchaser reserves the right to enter directly into contracts with any third party, including commercial entities, and Contractor's Subcontractors for provision of the C4ISR Visualisation Component or any other Contract Work Package.

9.3. The provisions of this Article are in addition to and in no way limit the rights of the Purchaser contained in other applicable clauses of this Contract, including but not limited to, Clause 21 (Inspection and Acceptance of Work) and Clause 39 (Termination for Default) of the NCIO Contract General Provisions.

10. TASK ORDERS

10.1. The Purchaser intends to reuse and incorporate the C4ISR Visualisation Component into current and future NCI Agency projects and functional services and may select the Contractor to perform additional work related to component customization, installation and implementation, maintenance and support activities or any other Work Package of this Contract.

10.2. The Purchaser anticipates both projected and incidental needs of these services, but cannot provide the exact details on the dates, specific deliverables, and quantities to satisfy those needs.

10.3. If the Purchaser requires these additional services, the Purchaser may contract such additional Work with the Contractor through issuance of Task Orders under this Contract. A Task Order's scope, price, and period of performance will be mutually agreed with the Contractor prior to its issuance.

10.4. The following prescriptions shall apply regarding the pricing of work under Task Orders:

10.4.1. Prices offered by the Contractor for specific deliverables and performances shall be

in accordance with those stipulated in the Schedule of Supplies and Services for similar activities and deliverables.

10.4.2. Labour prices shall strictly adhere with the Schedule of Forward Labour Rates of the Schedule of Supplies and Services.

10.4.3. Costs for travel, per-diem and associated charges shall not exceed that applicable to NATO Staff as indicated in Annex L, subject to annual revision.

10.5. Task Orders will be issued in writing by the Purchaser's Contracting Authority in the format specified at Annex K.

10.6. Task Orders may be issued in two types, Level of Effort (LOE) and Completion. Regardless of the type, an issued Task Order will include the following information:

10.6.1. Task Order reference and effective date;

10.6.2. Schedule of Supplies and Services specifying the performance period, deliverables, and the amount of authorized expenses, and

10.6.3. Statement of Work (SOW).

10.7. Task Orders may only be issued within the duration of this Contract.

11. CONTRACT STATUS REVIEW AND DECISION GATES

11.1. The Contract schedule is divided into the following four sequential Contract Execution Phases which are described in Annex B to Part IV, SOW:

- Contract Phase 1: System Analysis and Design (EDC until CDR)
- Contract Phase 2: First Implementation (CDR until FAT-1)
- Contract Phase 3: Implementation and Verification (FAT-1 until OTRR-2)
- Contract Phase 4: Validation and Operation (OTRR-2 until end of Contract)

11.2. Each Contract execution phase contains individual Milestones and Checkpoints to enable the Purchaser to assess the status of the project. Contract Phases 1 through 3 end in a so-called "Decision Gate".

11.3. Decision Gates are the stepping stones from one Contract Phase into the next and their purpose is to validate the deliverables of the individual Contract Phase, to ascertain that the project schedule is on track and to assess Contractor performance under the Contract. As such, Decision Gates are considered "Critical Progress Markers" upon which successful completion of the contracted effort depends.

11.4. All three Decision Gates have success and fail criteria pre-defined by the Purchaser against which the Purchaser will measure Contractor's performance. The default success and fail criteria for all three Decision Gates are listed in paragraph 2.17 of Annex B to Part IV, SOW. Should the default criteria change or have to be adjusted during execution of the Contract, the Purchaser will make the new Success and Fail Criteria available to the Purchaser at the last Project Checkpoint Review, or at the latest four (4) weeks prior to the Decision Gate review by the Purchaser.

11.5. At each Decision Gate, the Purchaser will review the overall Contract status and

progress and Contractor performance in order to determine if continuation of the overall Contract remains in the best interest of NATO.

11.6. The Purchaser will take into account in his decision the following considerations which include, but are not limited to:

- The number and types of changes made to the Contractor's technical solution, or expected to be made and their impact on project cost and schedule of the present contract,
- Operational, environmental, or technological changes in the requirements for TRITON,
- Level of satisfaction with the product(s) delivered by the Contractor up to the Decision Gate.

11.7. Notwithstanding Purchaser's right to terminate the Contract for Default in accordance with Clause 39 of the NCIO Contract General Provisions in case the Contractor is not performing, if the Purchaser determines that continuation of the Contract after a Decision Gate is not in the best interest of NATO, the Contractor shall be notified that no further Work Packages will be activated and the Contract will be terminated pursuant to Clause 40 of the NCIO Contract General Provisions entitled "Termination For The Convenience Of The Purchaser".

11.8. Under such a termination, the Purchaser will follow the procedures set forth in Clause 40 of the NCIO Contract General Provisions except that the cost incurred by the Contractor for which the Purchaser may be liable are limited to costs incurred in relation to Work Packages that have been activated in accordance with Clause 12, "Activation of Work Packages", of the Contract Special Provisions. In such a case, the Purchaser will not be liable for any costs associated with Work Packages not activated, even if the Contractor had commenced work within these Work Packages at his own risk.

11.9. Nothing in this Clause 11 shall be construed as or interpreted to limit the rights and obligations of the parties with respect to those established by virtue of Clauses 39 ("Termination for Default") and 40 ("Termination for the Convenience of the Purchaser") of the NCIO Contract General Provisions.

12. ACTIVATION OF WORK PACKAGES

12.1. In accordance with the Contract execution phases described in Clause 11 above, this Contract will be executed through a staged approach with the scope of work structured into a series of Work Packages each associated with a set of project milestones and checkpoints.

12.2. Project milestones are specific events held over the course of the Contract and provide reference points to the Purchaser during the execution of the Contract. Project milestones are linked to the Contract's progress payment milestones defined at Annex J of the Contract Special Provisions. A list of all major project milestones of this Contract and their mapping to Contract Work Packages, Decision Gates and checkpoints is provided in Table 2 of Annex B to Part IV, SOW.

12.3. Checkpoints are selected events identified in the Project Master Schedule that are

used by the Purchaser as formal review points in the course of the execution of this Contract to ensure that the project is on schedule. There are a total of twelve (12) Checkpoints. During the Checkpoint Review, the Purchaser will assess the status of all Project Milestones associated with the respective Checkpoint, and will assign Status Indicators to each Project Milestone in accordance with Paragraph 3.18.4 of the SOW.

12.4. Based on the indicators, the Purchaser will assess the overall status of the Checkpoint as one of the following:

- Success: All associated milestones are on schedule.
- Provisional Success: One or more milestones are not fully achieved, but the Purchaser recognises them to be in good progress and to be completed within a mutually agreed schedule. These pending milestones will be reassessed during subsequent Checkpoint reviews.
- Fail: One or more milestones have not been achieved, and the Purchaser does not recognise them to be in good progress. The assessment of the checkpoint will be repeated on a mutually agreed date and the Purchaser reserves the right to take remedial action.

12.5. Contractor performance as measured and assessed at Checkpoint Reviews and Decision Gates will contribute to Purchaser's recommendation to the respective funding committees on whether to retain the Contractor for future follow-on Increments of Project TRITON.

12.6. The Effective Date of Contract activates Work Packages 1, 2, 3.1, and 4. The activation of the remaining Work Packages shall automatically occur in conjunction with Checkpoint Reviews that are assessed by the Purchaser with results "Success" or "Provisional Success" as follows:

- Checkpoint Review 2 activates Work Packages 5 and 8.
- Checkpoint Review 3 activates Work Package 3.2.
- Checkpoint Review 4 activates Work Package 3.3.
- Checkpoint Review 7 activates Work Package 3.4.
- Checkpoint Review 10 activates Work Packages 6 and 7.

12.7. Optional Work Packages 9, 10, and 11, may only be activated upon formal amendment to the Contract.

12.8. Activation of Optional Work Package 9 will depend upon the results of the Site Surveys, CLIN 5, which the Purchaser intends to conclude before Checkpoint Review 5.

12.9. The Purchaser intends to activate Optional Work Package 11 after Checkpoint Review 10.

12.10. The Purchaser intends to activate Optional Work Package 10 after the Final System Acceptance at a date defined by the Purchaser and provided the respective authorisation has been received by the funding committees.

12.11. If the Contractor fails to meet a critical progress milestone on which activation of one or more succeeding Work Packages depend, the Purchaser is not obligated to

extend the dates of these milestones in order to accommodate the Contractor delay, if the failure to meet the critical progress milestone is attributable solely to the Contractor.

12.12. The Contractor is advised that if the Contractor elects to begin work on a Work Package prior to its activation, the Purchaser bears no liability for costs incurred by the Contractor for work conducted prior to activation in the case that the Contract is terminated.

13. PRICING OF CHANGES, AMENDMENTS AND CLAIMS

13.1. This Clause supplements Clause 19 of the NCIO General Contract Provisions.

13.2. The Purchaser may at any time, by written order designated or indicated to be a change order, and without notice to the sureties, if any, make changes within the scope of any Contract or Task Order, in accordance with Clause 16 (Changes) of the NCIO Contract General Provisions.

13.3. Changes, modifications, or follow-on Contracts of any nature, and claims shall be priced in accordance with Clause 19 (Pricing of Changes, Amendments, and Claims) of the NCIO Contract General Provisions, and with the "Purchaser's Pricing Principles" as set out in Annex 1 to the NCIO Contract General Provisions.

13.4. Contractor's pricing proposals for Changes, Amendments and Claims shall be priced in accordance with the Schedule of Forward Labour Rates and Schedule of COTS Software and Licenses established in the Contract Schedule of Supplies and Services, or, if not defined in the latter, which were submitted in the Contractor's bid incorporated in the Contract by reference.

13.5. If new labour categories, not previously specified in section 6 of the SOW are deemed necessary by the Purchaser during the course of this Contract; the prices for the new labour categories shall be within the range of 10% of rates listed for comparable labour services and skills in the Contract Schedules at Part I.

13.6. The Contractor shall be bound by the stated labour rates and COTS components prices till 31 December [*year EDC + 4 years*]. At the beginning of each following calendar year that the Contract is effective, the labour rates of the Schedule of Forward Labour Rates in Section 2 of the Schedule of Supplies and Services will be subject to an annual revision.

13.7. The stated revision shall be based on the evolution of the Labour Cost Index in Belgium for NACE section C – Index (2000=100) (LCI), as published by the Belgian Ministry of Economy (http://statbel.fgov.be/en/statistics/figures/) or shall be based on the evolution of the Bidder's national Labour Cost Index.

13.8. The revised rates shall be obtained through the following formula:

$P = Po * (0.2 + 0.8 L/Lo)$.

where:

P : Revised daily labour rate applicable to the considered labour category during the following 12 months.

Po : Effective rate applicable to the same labour category in year 2021 according to the SSS, Section 2.

L : LCI value registered in 4th quarter of the year prior to the revision.

Lo : LCI value registered in 4th quarter of 2020.

14. OPTIONS

14.1. The Purchaser's liabilities and obligations under this Contract at the time of its signature, and unless a formal Contract Amendment is issued in accordance with the terms of this Clause and Clause 16 (Changes) of the NCIO General Contract Provisions, are limited in scope and amount to performance and deliverables associated to TRITON Increment 1, Work Packages 1 through 8, CLINs 1 through 8 and 12, as described in Annex B Work Packages to Part IV, Statement of Work.

14.2. CLINs 9, 10, and 11 are optional and are available for unilateral exercise by the Purchaser at any time and in any combination from Effective Date of Contract until the period of validity indicated in 14.3 through 14.5 below.

14.3. CLIN 9 may be exercised 12 months after EDC until 36 months after EDC after which the option will be deemed to have expired.

14.4. CLIN 10 may be exercised as annual options within a period of five (5) years following EDC + 36 months after which the option will be deemed to have expired.

14.5. CLIN 11 may be exercised 25 months after EDC until 36 months after EDC after which the option will be deemed to have expired.

14.6. If the Purchaser exercises such options, the Contractor shall deliver such specified quantities of additional or alternative supplies and services at the times and to the destinations as specified in the Contract.

14.7. The Contractor understands that there is no obligation under this Contract for the Purchaser to exercise any of the optional line items and that the Purchaser bears no liability should he decide not to exercise the options either totally or partially. Further, the Purchaser reserves the right to request another Contractor (or the same) to perform the tasks described in the optional Contract line items of the current Contract with other conditions.

14.8. Any Contract option shall be exercised by written amendment to the Contract.

14.9. Any options for additional equipment and services may be exercised multiple times within the stated time period.

14.10. If an option is exercised, the Contractor will have a minimum period of forty-five (45) days between notification and the required Performance Start Date (PSD).

15. COMMERCIAL OF THE SHELF (COTS) SOFTWARE

15.1. The Purchaser reserves the right to exclude from the awarded Contract the purchase of software licenses for which NATO has established centralized Contracts. The

Contractor will be notified by the Purchaser in writing as to which software licenses will be removed from the contract scope to be provided to the Contractor in the form of "Purchaser Furnished Property" in accordance with Clause 13 (Purchaser Furnished Property) of the NCIO Contract General Provisions. The Contract terms, schedule, and prices will subsequently be modified accordingly through an amendment to the Contract.

16. SCHEDULE OF SITE INSTALLATIONS

16.1. The sequential order of any performance to be rendered at any NATO sites may be changed by the Purchaser on the basis of sites availability at no cost to the Purchaser provided that the notification of change is provided to the Contractor thirty (30) days prior to the scheduled date of site activity as illustrated in the most current Purchaser Approved Project Master Schedule.

17. ACCEPTANCE PROCEDURES

17.1. This Clause supplements Clauses 21 and 22 of the NCIO General Contract Provisions.

17.2. Acceptance is the action by which the Purchaser formally acknowledges that the Contractor has fully demonstrated that Contract Deliverables are complete or have been performed according to the requirements set in the Contract.

17.3. Acceptance procedures are described in Sections 3 and 4 of the SOW and Clauses 21 (Inspection and Acceptance of Work) and 22 (Inspection and Acceptance of Documentation) of the NCIO General Contract Provisions.

17.4. In accordance with the implementation procedures stated in Section 4 of the SOW, any hardware, software, documentation, or any other Deliverables provided as part of a site installation shall not be subject to Acceptance until Site Activation is satisfactorily completed.

17.4.1. Where a delivered or performed Contract Line Item Number (CLIN) fails to meet all Contract requirements but such a failure is not material or fundamental, the Purchaser may, at its sole discretion, declare the Acceptance provisional. In this case, the Purchaser will make an assessment of the nature of the deficiencies and may pay the Contractor an amount commensurate with the importance of the stated deficiencies. This amount shall be between 50% and 90% of the total price of the CLIN that covers the deficient services or deliverables and will be deducted from the payment during the next due progress milestone specified in ANNEX J of these Contract Special Provisions. Full payment will not be made until all deficiencies have been cleared at which point in time the Acceptance shall become final.

18. RISK OF LOSS OR DAMAGE

18.1. This Clause supplements Clause 24 of the NCIO Contract General Provisions.

18.2. Risk of loss or damage to Deliverables covered by this Contract shall remain with the Contractor until, and shall pass to the Purchaser upon Acceptance by the

Purchaser or receipt of the supplies by the Purchaser at the destination specified in the Contract, whichever is the later.

18.3. Notwithstanding paragraph 18.2 above, the risk of loss or damage to supplies which fail to conform to the requirements of the Contract shall remain with the Contractor until cure and Acceptance, at which time 18.2 above shall apply.

18.4. Notwithstanding paragraph 18.2 above the Contractor shall not be liable for the loss of or damage to supplies caused by the negligence of officers, agents or employees of the Purchaser acting within the scope of their employment.

19. COTS PRODUCTS REPLACEMENT

19.1. 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.

19.2. The Contractor shall provide price and performance data to support an improvement in performance and/or a reduction in price and/or life-cycle support costs. If necessary for evaluation by the Purchaser, the Contractor shall provide a demonstration of the proposed items. Should the Purchaser decide that the proposed item(s) should be included in the Contract, an equitable price adjustment will be negotiated and the proposed item(s) shall be added to the Contract by bilateral modification under the authority of this Clause.

20. LOCAL STANDARDISATION

20.1. For reasons of efficiency, some Purchaser sites have standardised some or their entire computer baseline on a specific suite of hardware from one or more particular vendors. As the process of site standardisation will continue as the prospective Contract is being executed, the Purchaser reserves the right to require the Contractor to substitute, for one or more system components, an equivalent item compatible with a site-specified standard.

20.2. The requirement for local standardisation shall be addressed during site surveys and shall be reflected by the Contractor in the corresponding site survey report as specified in Section 4 of the SOW.

20.3. Pricing proposed for the substituted equipment shall be fair and reasonable and consistent with the market prices reserved for large buyers and/or Governmental Institutions.

20.4. In the event that the Purchaser chooses to exercise this right, the required substitutions will be negotiated through a bilateral Contract amendment issued under the authority of this clause.

21. CONTRACT ADMINISTRATION

21.1. The Purchaser reserves the right to re-assign this Contract to a representative(s) for administrative purposes, in whole or in part, provided that the Purchaser shall always be responsible for his obligations under the Contract and for actions or lack of actions of its assigned administrator. The Purchaser undertakes to advise the Contractor in writing whenever this right is to be exercised.

21.2. The Contractor shall accept Contract modifications only in writing from NCI Agency Contracting Authority.

21.3. All notices and communications between the Contractor and the Purchaser shall be written in English and may be personally delivered, mailed, or faxed at the following address:

Contractor:

Attn:
Tel:
Fax:
e-mail:

NCI Agency:
Avenue du Bourget 140
1110 Brussels, Belgium
Acquisition
Attn: Ms. Katharina Schwarz (Senior Contracting Officer)

Tel: +32 (2) 707 8591
Fax: +32 (2) 707 8770
e-mail: katharina.schwarz@ncia.nato.int

or to such address as the Purchaser may from time to time designate in writing.

22. TECHNICAL DIRECTION

22.1. For its direct official control and coordination requirements, the Purchaser designates the Project Manager specified below as the staff element that has the authority to coordinate, monitor and control Contractor's performance under this Contract:

NCI Agency
C2 Service Line
Oude Waalsdorperweg 61
2597 AK The Hague
The Netherlands

Attn: Dr. Erhan Saridogan
Principal Scientist and TRITON Project Manager
Tel : +31 (70) 374 3611
Fax: +31 (70) 374 3239

22.2. The Purchaser may designate other staff elements as technical focal points for the execution of specific tasks.

22.3. Notwithstanding the prescriptions of this Clause, neither the Purchaser's Project Manager, nor any Technical Representative has the authority to change the terms and conditions of the Contract. If the Contractor has reason to believe that the Project Manager/Technical Representative is requesting work inconsistent with that in the scope of the Contract, the Contractor shall immediately inform the Purchaser's contracting Authority for confirmation of the actions. Failure to obtain confirmation that the action of the Project Manager is under the authority of the Contract shall render any subsequent claim null and void.

23. LIQUIDATED DAMAGES

23.1. This Clause replaces Clause 38.1 (Liquidated Damages) of the NCIO Contract General Provisions.

23.2. If the Contractor;

23.2.1. Fails to meet the delivery schedule of the Work or any performance milestones specified in the Schedule of Work to this Contract, or any extension thereof, or

23.2.2. Fails to obtain acceptance of the delivered Work as specified in the Contract, or, if no time for acceptance is specified in the contract within a reasonable time after work is delivered,

the actual damage to the Purchaser for the delay will be difficult or impossible to determine. Therefore, in lieu of actual damages the Contractor shall pay to the Purchaser, for each day of delinquency in achieving the deadline or milestone, fixed and agreed liquidated damages of 0.5% (zero point five percent) per day of the associated payment set forth in the Schedule of Payments provided in ANNEX J.

23.3. In addition to the liquidated damages referred to above, the Purchaser shall have the possibility of terminating this Contract in whole or in part, as provided in Clause 39 of the NCIO Contract General Provisions (Termination for Default). In the event of such termination, the Contractor shall be liable to pay the excess costs provided in Clause 39.5 of the NCIO Contract General Provisions.

23.4. The Contractor shall not be charged with liquidated damages when the delay arises out of causes beyond the control and without the fault or negligence of the Contractor as defined in Clause 39.6 of the NCIO Contract General Provisions (Termination for Default). In such event, subject to the provisions of Clause 41 of the NCIO Contract General Provisions (Disputes), the Purchaser shall extend the time for performance of the Contract when in his judgement the findings of the fact justify an extension.

23.5. Liquidated damages shall be payable from the first day of delinquency and shall accrue at the rate specified in Clause 23.2.2 above to 15% (fifteen percent) of the value of each payment milestone individually, not to exceed 10% (ten percent) of the total value of the Contract. These liquidated damages shall accrue automatically and without any further notice being required.

23.6. The rights and remedies of the Purchaser under this Clause are in addition to any other rights and remedies provided by law or under this Contract.

23.7. The Contractor acknowledges that any sums payable under this clause are in the nature of liquidated damages and not penalties, and represent a reasonable estimate of fair compensation for the losses that may be reasonably anticipated from such failure to perform obligations.

23.8. The amount of Liquidated Damages due by the Contractor shall be recovered by the Purchaser in the following order of priority:

- By deducting such damages from the amounts due to the Contractor against the Contractor's invoices.
- By drawing from the performance guarantee.
- By reclaiming such damages through appropriate legal remedies.

24. CONTRACTOR'S EMPLOYEES

24.1. The Contractor shall provide and pay, as required, qualified personnel as needed for the proper performance of the services required under this Contract; it shall strictly comply with all Host Nation Labour Laws, tariffs and social security and other regulations applicable to the employment of its personnel.

24.2. The Purchaser shall not be responsible for securing work permits, lodging, leases nor tax declarations, driving permits, etc., with national or local authorities. Contractor's employees, agents, or representatives are not eligible for any diplomatic privileges nor NATO employee benefits.

24.3. The Contractor shall inform his employees, agents, and representatives under this Contract of the terms of the Contract and the conditions of the working environment.

25. KEY PERSONNEL

25.1. Contractor's employees or agents specifically identified in ANNEX B shall be considered as key personnel for the performance of the Contract. Without prejudice to other applicable stipulations of the contract, key personnel shall be subject to the terms and conditions specified below.

25.2. A key personnel assigned to this Contract shall remain working on the Contract for as long as required by the terms of the present Contract unless the Purchaser agrees to a replacement who is equal or better qualified. Such a replacement will be in accordance with article 25.5 and is without extra cost to the Purchaser.

25.3. The Contractor shall guarantee that suitable backup personnel will be available to promptly remedy situations of key personnel non-availability that may endanger the

performance of services or deliverables set in the contract.

25.4. The Purchaser reserves the right to reject a Contractor's staff member after prior acceptance if the Purchaser determines during Contract performance that the individual is not providing the required level of support. The Purchaser will inform the Contractor in writing in case such a decision is taken, and the Contractor shall propose a replacement within fifteen (15) days after the Purchaser's written notification.

25.5. The Purchaser shall approve any replacement or additional key personnel according to the following procedure:

25.5.1. The Contractor shall provide the name(s) and qualifications statement(s) of a nominee(s) for review by the Purchaser a least twenty (20) days before the intended date of replacement or the date when the nominee(s) is/are required to start work under the contract. If the Purchaser accepts the nominations, this acceptance will be notified in writing to the Contractor, who will be authorized to assign the nominated personnel to the Contract on the date(s) established in the stated notification.

25.5.2. If the Purchaser considers a nominee or nominees to be inappropriate for the required services, the Contractor will be so notified and shall have not more than ten (10) days to submit alternate nominees.

25.6. If the Contractor fails to provide in due time a compliant candidate, the Purchaser may terminate this Contract in whole or in part as provided in the first paragraph of the clause 39 entitled "Termination For Default" of the NCIO General Contract Provisions, and in that event the Contractor shall be liable, in addition to the excess costs provided in second paragraph of the "Termination For Default" clause, for such liquidated damages accruing until such time as the Purchaser may reasonably obtain delivery or performance of similar services.

25.7. The delay stated above shall be counted from the day the Purchaser notifies the Contractor, in accordance with paragraph 25.5.2 above, that the alternate nominees are considered to be non-compliant or inappropriate for the required services according to the requirements of the Contract.

26. INDEPENDENT CONTRACTOR

26.1. The Contractor's status shall be that of an independent Contractor and it is expressly understood that neither the Contractor and its personnel nor Sub-Contractors shall be considered in any respect as being employees, servants or agents of the Purchaser.

27. CONTRACTOR BACKGROUND IPR

27.1. This Clause supplements Clause 30 of the NCIO Contract General Provisions and does not apply to Contract deliverables under Work Package 4 (C4ISR Visualisation Component).

27.2. The Contractor intends to use the Contractor and Third Party Background IPR listed in ANNEX D and ANNEX E hereto for the purpose of carrying out work pursuant

to this Contract.

27.3. The Contractor warrants, undertakes, and represents that any derivative product created under this Contract from the stated Background IPR shall be considered as Foreground IPR and, therefore, shall be governed by the terms and conditions specified in Clause 30.3 (Foreground IPR) of the NCIO General Contract Provisions.

27.4. The Purchaser shall consider open source solutions alongside proprietary ones in developments provided that such solutions are fully compliant with the requirements of this Contract and, particularly, Clauses 9 (Participating Countries) and 30 (Intellectual Property) of the NCIO Contract General Provisions. The Contractor shall disclose in advance the open source licence associated with the contemplated open source solution. The Purchaser reserves the right to refuse the incorporation of open source solutions that are deemed inadequate for incorporation in a NATO application.

27.5. Any use of Background IPR for the purpose of carrying out work pursuant to the Contract shall, subject to any obligation on the part of the Contractor to make payments to any third party in respect of IPR which is licensed from such third party, be free of any charge to Purchaser. The Contractor hereby grants to NATO a perpetual, non-exclusive, royalty-free and irrevocable licence to use and authorise others to use any Background IPR for the purpose of exploiting or otherwise using the Foreground IPR, including national purposes by NATO member nations.

27.6. In addition, this license shall allow the Purchaser to further re-transfer this Background IPR free of charge to companies eligible for NATO procurements to further develop the Foreground IPR, including without limitation, developing, maintaining and operating future iterations of TRITON.

27.7. Any use of Contractor and Third Party Background IPR as stated in ANNEX D and ANNEX E, and unless specifically applicable to COTS items, is not limited to the number of users or the number of licenses required by the Contract for use of the system. With the exception of COTS items, the Purchaser reserves the right to use or authorise NATO members to use the Background IPR as stated in ANNEX D and ANNEX E for any number of users and number of licenses as required, at no additional cost to the Purchaser.

27.8. All Software, except COTS, delivered under this Contract shall not be marked with corporate logos, proprietary information or contain warnings limiting the rights to use or reproduction nor shall those markings be included in the operating and/or maintenance manuals or instructions accompanying such software.

27.9. The Purchaser will inform the Contractor of any transfer of Contractor Background IPR in accordance with Clause 27.5 and 27.6 of this Article 27, in order for the Contractor to obtain all necessary export licenses.

~~27.8.~~27.10. The Contractor shall promptly notify the Purchaser of any refusal or rejection by national authorities for transfer of Contractor Background IPR in accordance with Clause 27.5 and 27.6 of this Article 27. In the case of such rejection or refusal, the Contractor shall not be held accountable for any failure to perform if the refusal is

solely due to restrictions imposed by supplemental agreements and not due to negligence on the side of the Contractor.

28. CONFIDENTIALITY AND NON-DISCLOSURE

28.1. For purposes of this clause, "Confidential Information" shall include all information pertaining to any part of this Contract or any program related to this Contract that is not marked "Non-Confidential".

28.2. Confidential Information does not include information that is: (a) publicly known at the time of disclosure or subsequently becomes publicly known through no fault of the Contractor; (b) discovered or created by the Contractor before disclosure by the Purchaser; (c) learned by the Contractor through legitimate means other than from the Purchaser or its representatives; or (d) is disclosed by the Contractor with the Purchaser's prior written approval.

28.3. Without prejudice to other obligations imposed by NATO Security regulations, the Contractor shall hold and maintain the Confidential Information in strictest confidence for the sole and exclusive benefit of the Purchaser. The Contractor shall carefully restrict access to Confidential Information to employees, sub-contractors and third parties as is reasonably required and shall require those persons to sign nondisclosure restrictions at least as protective as those in this contract. The Contractor shall not, without prior written approval of the Purchaser, use for the Contractor's own benefit, publish, copy, or otherwise disclose to others, or permit the use by others for their benefit or to the detriment of the Purchaser, any Confidential Information. The Contractor shall return to the Purchaser any and all records, notes, and other written, printed, or tangible materials in its possession pertaining to Confidential Information immediately if the Purchaser requests it in writing.

28.4. The provisions of this clause and the associated Contractor's duties shall survive the termination of this Contract and remain in effect until the Purchaser sends the Contractor written notice releasing the Contractor from the obligations imposed by this clause, or for a further period of three (3) years after Contract close-out, whichever occurs first, and without prejudice to other obligations imposed by applicable NATO Security regulations.

28.5. The Contractor shall include the substance of the language of this clause in any subcontract/Contract issued for the purpose of the fulfilment of the obligations contracted under this Contract regardless of the legal nature of the entity subscribing such subcontract. Additionally, Contractor's key personnel mentioned in clause 25 (Key Personnel) above shall be required to sign the Non-Disclosure Certificate at ANNEX A.

28.6. The Contractor agrees that compliance with the obligations imposed by the terms of this clause is of the essence and that failure to abide to these terms shall constitute sufficient grounds for the termination of the Contract for default.

29. CONFLICT OF INTEREST

29.1. A conflict of interest means that because of other activities or relationships with other persons or entities, a Contractor is unable, or potentially unable to render impartial assistance or advice to the Purchaser, or the Contractor's objectivity in performing the Contract work is, or might be otherwise impaired, or the Contractor has an unfair competitive advantage. Conflict of interest includes situations where the capacity of a Contractor (including the Contractor's executives, directors, consultants, subsidiaries, parent companies or subcontractors) to give impartial, technically sound advice or objective performance is or may be impaired or may otherwise result in a biased work product or performance because of any past, present or planned interest, financial or otherwise in organizations whose interest may substantially affected or be substantially affected by the Contractor's performance under the Contract.

29.2. The Contractor is responsible for maintaining and providing up-to-date conflict of interest information to the Contracting Officer. If, after award of this Contract or Task Order herein, the Contractor discovers a conflict of interest with respect to this Contract which could not reasonably have been known prior to award, or if any additional conflicts or potential conflicts arise after award, the Contractor shall give written notice to the Contracting Officer as set forth below.

29.3. If, after award of this Contract herein, the Purchaser discovers a conflict of interest with respect to this Contract or Task Order, which has not been disclosed by the Contractor, the Purchaser may at its sole discretion request additional information to the Contractor, impose mitigation measures or terminate the Contract for default in accordance with Clause 39 (Termination for Default).

29.4. The Contractor's notice called for in paragraph 29.2 above shall describe the actual, apparent, or potential conflict of interest, the action(s) the Contractor has taken or proposes to take to avoid or mitigate any conflict, and shall set forth any other information which the Contractor believes would be helpful to the Contracting Officer in analysing the situation. Any changes to the Contractor's Conflict of Interest Mitigation Plan, if any is incorporated in the contract, should be also detailed.

29.5. The Contractor has the responsibility of formulating and forwarding a proposed mitigation plan to the Contracting Officer, for review and consideration. This responsibility arises when the Contractor first learns of an actual, apparent, or potential conflict of interest.

29.6. If the Contracting Officer in his/her discretion determines that the Contractor's actual, apparent, or potential conflict of interest remains, or the measures proposed are insufficient to avoid or mitigate the conflict, the Contracting Officer will direct a course of action to the Contractor designed to avoid, neutralize, or mitigate the conflict of interest. If the parties fail to reach agreement on a course of action, or if having reached such agreement the Contractor fails to strictly adhere to such agreement during the remaining period of Contract performance, the Contracting Officer has the discretion to terminate the Contract for default or alternatively refrain from exercising any further Option or Work Package under the contract.

29.7. The Contractor's misrepresentation of facts in connection with a conflict of interest reported or a Contractor's failure to disclose a conflict of interest as required shall be a basis for default termination of this contract.

30. PURCHASER FURNISHED PROPERTY AND SERVICES

30.1. This Clause hereby supplements Clause 13 of the NCIO General contract Provisions.

30.2. The Purchaser shall provide the Contractor with the following property and services for the performance of the contract:

30.2.1. Items and Services as specified in Paragraph 3.3.4 of the SOW.

30.2.2. Access to laboratories at its premises in The Hague, Netherlands.

30.2.3. Hardware Infrastructure at Installation Sites.

31. WARRANTY PERIOD (EXCLUSIVE OF SOFTWARE)

31.1. This Clause hereby supplements Clause 27 of the NCIO General Contract Provisions.

31.2. The Warranty Period for any Hardware deliverables under this Contract shall be the longer of:

(a) the specific warranty periods established in the SOW for individual deliverables;

(b) the applicable Original Equipment Manufacturer's warranty; or

(c) two (2) years for any Hardware items.

The Warranty Period shall start from the time of their formal acceptance after delivery.

31.3. Throughout the Warranty Period the Contractor shall make good any:

- Defects in the deliverables;
- Breach of warranties specified in Clause 27 (Warranty of Work) of the General Contract Provisions; and
- Breach of any other express or implied warranties that may be applicable;

arising out of or in connection with the Contractor's failure to perform its obligations under this Contract (herein after collectively referred to as "Warranty Period Incidents") in accordance with this Clause 31, and Clause 27 (Warranty of Work) of the General Contract Provisions.

31.4. The Contractor shall correct all Warranty Period Incidents arising during the Warranty Period without any cost to the Purchaser.

31.5. If the Contractor fails to correct any Warranty Period Incidents within the timeframe specified in Clause 27 (Warranty of Work) of the General Contract Provisions or Section 5 of the SOW for the type of incident concerned, or if no specific timeframe

has been established in the referred Clause or in the SOW for the type of incident concerned, within 30 working days of notification, the Purchaser may on ten (10) working days written notice:

- correct the Warranty Period Incident or employ a third party to correct it; and
- deduct from the prices to be paid, draw from the performance guarantee, or recover as a debt due from the Contractor, all reasonable costs in so doing.

31.6. The Contractor shall deploy all such additional resources as are reasonably required to remedy any Warranty Period Incident as efficiently and quickly as possible.

31.7. If replacement parts are fitted by the Contractor as part of the warranty the parts removed shall become the Contractor's property unless required by the Purchaser at the Purchaser's discretion. Notwithstanding that, faulty hard disks removed from NATO SECRET equipment shall not be returned to the Contractor but destroyed by the NATO site personnel in accordance with applicable NATO security regulations.

31.8. Notwithstanding Clause 27.6 of the General Contract Provisions, if prior agreed upon by the Purchaser, the Contractor has the possibility to repair the failed component instead of providing a new replacement.

32. SOFTWARE WARRANTY

32.1. The following Clause 32.1.1 supersedes Clause 31.3.1 of the NCIO Contract General Provisions:

32.1.1. For each Software delivered under this Contract, the Contractor Warranties stated in paragraph 31.1 of the NCIO General Provisions shall extend to all defects discovered within twelve (12) months from Final System Acceptance (FSA) declared in writing by the Purchaser’s Contracting Authority.

33. PERFORMANCE GUARANTEE

33.1. This Clause hereby supplements Clause 8 of the NCIO General Contract Provisions.

33.2. The Purchaser may allow reductions in the amount of the Performance Guarantee in accordance with the Purchaser’s cost estimate of the work remaining to be completed under the Contract. In order to benefit from such reductions, the Contractor must provide the Purchaser with an updated copy of the Project Master Schedule for completion of the remaining work, and detailed cost breakdowns, prepared in accordance with the pricing principles and standards established in the Contract, which indicate the percentage of work completed for each Contract line item. These requests for reduction shall be submitted in writing to the point of contact established in paragraph 21.3 above.

33.3. The reductions specified in paragraph 33.2 above shall be treated as a concession to the Contractor and, therefore, shall be supported by sufficient consideration. Further, the decision to accept or reject an application for reduction of Performance Guarantee shall be a unilateral decision made solely at the discretion of the Purchaser.

34. SECURITY

34.1. This Clause hereby supplements Clause 11 of the NCIO General Contract Provisions.

34.2. Contractor's personnel working at the Purchaser's facilities shall possess a valid security clearance up to the level of "NATO SECRET" so as to be able to have unescorted access to classified security areas where work will be performed. Also, the Contractor must fulfil the reporting requirements set in Section 3 of the SOW regarding the submission of personal details security clearance data of Contractor's personnel.

34.3. Without prejudice to other Purchaser's rights, failure to comply with the requirements stated in 34.2 above shall constitute grounds for Contract termination under the clause 39 "Termination For Default" of the NCIO General Contract Provisions and entitle the Purchaser to collect liquidated damages in case of delay as specified in Clause 23 above and Clause 8 of the NCIO General Contract Provisions.

34.4. Notwithstanding paragraph 34.3 above, if the Contractor fails to comply with the requirement stated in paragraph 34.2 of this Clause, the Purchaser may opt for providing escorts to allow Contractor's personnel to perform work in a classified area without being in possession of the prerequisite security clearance. In such cases, the Contractor agrees that the Purchaser shall be entitled to collect an amount equivalent to € 800 per escort assigned to supervise Contractor's personnel and per day of escorting. This compensation shall be collected through the same mechanisms established in Clause 23 above for the case of liquidated damages.

34.5. Contractor's staff members shall hold a valid passport and are required to maintain its validity for the duration of the contract.

34.6. The Contractor shall note that there are restrictions regarding the carriage and use of electronic devices (e.g. laptops) in NATO designated Security Areas. The Contractor shall be responsible for satisfying and obtaining from the appropriate NCI Agency Authorities the necessary clearance to introduce and utilize any such equipment into the facility.

35. SUPPLEMENTAL AGREEMENTS

35.1. The Contractor has submitted all relevant draft supplemental agreement(s), documents and permissions prior to Contract award, the execution of which by the Purchaser is/are required by National Law or regulation. If any supplemental agreements, documents and permissions are introduced after Contract award, and it is determined that the Contractor failed to disclose the requirement for the execution of such agreement from the Purchaser prior to Contract signature, the Purchaser may terminate this Contract for Default, in accordance with the Clause 39 (Termination For Default) of the NCIO Contract General Contract Provisions.

35.2. Supplemental agreement(s), documents and permissions, the execution of which by the Purchaser is/are required by National Law or regulation and that have been identified by the Contractor prior to the signature of this contract, but have not yet

been finalised and issued by the appropriate governmental authority, are subject to review by the Purchaser. If such supplemental agreement(s), documents and permissions are contrary to cardinal conditions of the signed Contract between the Parties, and the Parties and the appropriate governmental authority cannot reach a mutual satisfactory resolution of the contradictions, the Purchaser reserves the right to terminate this Contract and the Parties agree that in such case the Parties mutually release each other from claim for damages and costs of any kind, and any payments received by the Contractor from the Purchaser will be refunded to the Purchaser by the Contractor.

36. INCORPORATION OF REVISED PROJECT MANAGEMENT AND ENGINEERING DOCUMENTATION DELIVERABLES

36.1. The following set of documentation is part of the Contract:

- Project Management Plan (PMP)
- Project Product Breakdown Structure (PPBS)
- Project Work Breakdown Structure (PWBS)
- Project Master Schedule (PMS)
- Quality Plan (QP)
- Configuration Management Plan (CMP)
- System Development Plan (SDP)
- Test Management Plan (TMP)
- Training Plan (TrP)
- System Transition Plan (STrP)
- System Maintenance Plan (SMP)
- Integrated Support Plan (ISP)
- In-Service Support Plan (ISSP)
- System Validation Plan (SVP)
- Software Transition Plan (SwTP)

36.2. This documentation because of the nature of the performance under the contract will be subject to changes and revisions. The frequency and dynamics of these changes and revisions would make it unfeasible to ratify a new version of the documentation via a formal Contract amendment at the time it is produced and approved by the Purchaser. Consequently during the course of formal reviews the Purchaser Contracting Authority will evaluate any changed documentation and subject to the terms of the contract validate its adequacy and, at its sole discretion provide for its approval in writing indicating which updated documentation is approved.

36.3. Subject to the exception noted in paragraph 36.4 below, any formally Purchaser approved documentation shall be deemed as made part of the contract and shall replace any existing previous version.

36.4. The Purchaser is under no obligation to approve any proposed revised document except as in accordance with the terms of the present Contract. Rejection of any proposed changes shall not discharge the Contractor, in whole or in part, of its responsibility for the performance under the Contract.

36.5. Nothing in this Clause is to be construed as a waiver to any other obligation of the Contractor under the contract.

ANNEX A. NCI AGENCY DECLARATION

To be signed by the Contractor's key personnel designated under CO-13859-TRITON

I UNDERSTAND:

That I must preserve the security of all information (including but not limited to classified/commercial-in-confidence information) which comes to my knowledge as a result of the Contract with the NCI Agency stated above and that I undertake to comply with all relevant security regulations.

That I must not divulge to any unauthorised person even within my own company, any classified/commercial-in confidence information gained by me as a result of my Contract with the NCI Agency, unless prior permission for such disclosure has been granted by the General Manager of the NCI Agency.

That I must not, without the approval of the General Manager of the NCI Agency, publish (in any document, article, book, CD, video, film, play, or other form) any classified /commercial-in-confidence information which I have acquired in the course of my official duties for the NCI Agency.

That, at the end of Contract and after performance of all required tasks, I must surrender any official document or material made or acquired by me in the course of my official duties, save such as I have been duly authorised to retain.

That if I violate prescribed security practices either intentionally or accidentally, my Contract shall be immediately terminated.

That the provisions of the above Declaration apply not only during the period of the referred Contract with the NCI Agency, but also after the stated Contract has ceased and that I am liable to prosecution if either by intent or negligence I allow classified/commercial-in-confidence information to pass into unauthorised hands.

That I will be considered as a key personnel as specified in Clause 25 of the Special Provisions of Contract CO-13859-TRITON, and therefore, shall comply with all regulations and restrictions applicable to key personnel.

That I commit to fulfil my obligations for the period of performance mentioned in the Contract Schedules and the Special Provisions of the Contract referred above (including the optional periods) unless major events beyond my reasonable control happen.

That should I decide for personal interest to leave the position, I will do my best effort to fulfil my obligations until the Company that is currently employing me has provided NATO with an acceptable suitable substitute in accordance with Clause 25 of the Special Provisions of the aforementioned Contract.

_____ _____

Full name (in block capitals) Date

_____

Signature

ANNEX B. KEY PERSONNEL

The following Key Personnel shall be subject to the stipulations contained in Clause 2525 (Key Personnel) of the Contract Special Provisions for the period of designation indicated below:

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Position	SOW/WP Reference	Labour Category	Name	Designation Period
Project Manager	3.5.2, 6.2.1	Project Manager		EDC thru Contract expiration date
Technical Lead (Overall TRITON)	3.5.3, 6.4.1	Senior Engineer		EDC thru Contract expiration date
Technical Lead (Visualisation Component)	3.5.3, 6.4.1	Senior Engineer		thru WP4
Test Director	3.5.4, 6.4.18	Senior Test Engineer		EDC thru Contract expiration date
Quality Assurance Manager	3.5.5, 6.5.10	Quality Assurance Manager		EDC thru Contract expiration date
Integrated Logistics Support Engineer	3.5.6, 6.5.1	Logistics Management Specialist		EDC thru Contract expiration date

ANNEX C. LIST OF SUBCONTRACTORS

Name and Address of Sub-Contractor	DUNS Number[1]	Primary Location of Work	Items/Services to be Provided	Estimated Value of Sub-Contract

[1] Data Universal Numbering System (DUNS). Contractor is requested to provide this data in order to help the NCI Agency to correctly identify Subcontractors. If a Subcontractor's DUNS is not known this field may be left blank.

ANNEX D. CONTRACTOR AND SUBCONTRACTOR BACKGROUND IPR

a. The Contractor Background IPR specified in the table below will be used for the purpose of carrying out work pursuant to Work Packages 1 through 3 and 5 through 8 of the prospective Contract.

IPR Description	IPR Owner	Remarks / Restrictions[2]

b. The Contractor represents that it has and will continue to have, for the duration of this Contract, all necessary rights in and to the IPR specified above necessary to meet the Contractor's obligations under the Contract.

c. The Contractor Background IPR stated above complies with the terms specified in Clause 27 of the Special Contract Provisions and shall be licensed to the Purchaser according to the terms and conditions specified in the Contract.

[2] Indicate whether the IPR is applicable to a COTS product

ANNEX E. THIRD PARTY IPR

a. The Subcontractor and Third Party Background IPR specified in the table below will be used for the purpose of carrying out work pursuant to the prospective Contract.

Table E.1 – Deliverables of Work Package 4 (C4ISR Visualisation Component)

IPR Description	IPR Owner	Remarks / Restrictions[3]

Table E.2 – Deliverables of Work Packages 1 through 3 and 5 through 8

IPR Description	IPR Owner	Remarks / Restrictions[4]

b. The Contractor represents that it has and will continue to have, for the duration of this Contract, all necessary rights in and to the IPR specified above necessary to meet the Contractor's obligations under the Contract.

c. The Subcontractor and Third Party Background IPR stated above complies with the terms specified in Clause 8.5 and 27 of the Special Contract Provisions and shall be licensed to the Purchaser according to the terms and conditions specified in the Contract.

[3] May only be COTS in accordance with Clause 8.5 of the Contract Special Provisions
[4] Indicate whether the IPR is applicable to a COTS

ANNEX F. LIST OF PURCHASER PROVIDED ITEMS

To be defined at Pre-Award stage in line with Clause 30 of the Special Contract Provisions.

a. Purchaser Furnished Equipment (PFE)

Equipment title	Equipment description	Number required (exclusive options)	Date required

b. Purchaser Furnished Documentation (PFD):

Title	Date required	Provided during IFB	Version

ANNEX G. USE AND NON DISCLOSURE UNDERTAKING

To be included from NDU in Book I

ANNEX H. INSTRUCTIONS FOR COMPLETING A CONTRACTOR PRICING SUMMARY

This annex contains instructions on how to fill out the Pricing Summary form (ANNEX I), which must be sent by the Contractor, in addition to relevant pricing and non-pricing data, to properly document a request for price adjustment under applicable clauses of the Contract.

H.1. DIRECT MATERIAL

Purchased Parts: Provide a consolidated priced summary of individual material quantities included in the various tasks, orders, or Contract line items being proposed and the basis for pricing (vendor quotes, invoice prices, etc.). Give details on an attached schedule.

Sub-contracted Items: Show the total cost of sub-contract effort.

Other:

(i) Raw Material: Consists of material in a form or state that requires further processing. Provide priced quantities of items required for the proposal. Show total cost and give details on an attached schedule.

(ii) Standard Commercial Items: Consists of items that the Contractor normally fabricates, in whole or in part, and that are generally stocked in inventory. Provide an appropriate explanation of the basis for pricing on attached schedule.

H.2. MATERIAL OVERHEAD

This is the overhead charged to prices for material handling and/or other overhead associated with material costs. This may or may not apply to your prices.

H.3. DIRECT LABOUR

Show the hourly rate and the total hours for each individual (if known) and discipline of direct labour proposed. Indicate whether actual rates or escalated rates are used. If escalation is included, state the degree (percent) and rationale used.

H.4. LABOUR OVERHEAD

This is labour overhead.

H.5. OTHER DIRECT COSTS

Special Tooling/Equipment: Identify and support specific equipment and unit prices. Use a separate schedule if necessary.

Travel: Identify and support each trip proposed and the persons (or disciplines) designated to make each trip. Identify and support transportation and per diem rates.

Individual Consultant Services: Identify and support the proposed contemplated consulting. State the amount of services estimated to be required and the consultant's quoted daily or hourly rate.

Other Costs: List all other direct charge costs not otherwise included in the categories described above (e.g., services of specialized trades, computer services, preservation, packaging and packing, travel costs, leasing of equipment) and provide bases for pricing.

H.6. GENERAL AND ADMINISTRATIVE EXPENSE

This is the overhead charged for SG&A or G&A.

H.7. FEE OR PROFIT

Enter this total of all proposed Fee or Profit.

H.8. OTHER FACTORS

This would be any other overhead factors applied to Contractor prices.

H.9. GRAND TOTAL

This is the Contractor final FFP total and should in essence match the total price claimed in the proposal for adjustment.

ANNEX I. CONTRACTOR PRICING SUMMARY

CONTRACTOR PRICING SUMMARY DETAILED DESCRIPTION OF COST ELEMENTS					
1. DIRECT MATERIAL	QUANTITY	UNIT COST	UNIT COST €	TOTAL EST COST €	REFERENCE
A. PURCHASED PARTS					
B. SUBCONTRACTED ITEMS					
C. OTHER- (1)Raw Material					
(2) Standard Commercial Items (COTS)					
TOTAL DIRECT MATERIAL					
2. MATERIAL OVERHEAD (RATE % X TOTAL EST COST € BASE)					
3. DIRECT LABOR (INDICATE LABOR CATEGORIES)	EST HRS	RATE/HR	RATE €	TOTAL EST COST €	REFERENCE (CLIN)
TOTAL DIRECT LABOR					
4. LABOR OVERHEAD	O.H. RATE	(X) BASE			
TOTAL LABOR OVERHEAD					
5. OTHER DIRECT COSTS	QUANTITY	UNIT COST	UNIT COST €	TOTAL EST COST €	REFERENCE
A. SPECIAL EQUIPMENT/CFE/NFE					
TOTAL SPECIAL EQUIPMENT					
B. TRAVEL					
(1) TRANSPORTATION					
(2) PER DIEM					
TOTAL TRAVEL					
C. CONSULTANTS OTHER SERVICES					
TOTAL INDIVIDUAL CONSULTANT SERVICES					
D. OTHER					
TOTAL OTHER					
SUBTOTAL DIRECT COST & OVERHEAD					
6. GENERAL & ADMINISTRATIVE (G&A) (RATE % X TOTAL EST COST € BASE)					
7. TOTAL ESTIMATED FEE/ PROFIT %					
8. OTHER FACTORS					
9. GRAND TOTAL					

NOTES:
Please indicate pricing details for those categories specified as "Other" including "Other Factors."
If currency is not Euro, please indicate currency of the bid.

ANNEX J. PROGRESS PAYMENT SCHEDULE (CLAUSE 7 SPECIAL PROVISIONS)

a. Firm Requirements:

Months	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
Milestones			**CP1**	**CP2**	**CP3**	**CP4**	**CP5**	**CP6**	**CP7**		**CP8**	**CP9**		**CP10**		**CP11**		**CP12**	**EOC**
WP 1	PMR				DG1				DG2					DG3		PSA			FSA
	20%		5%	5%	10%	5%	5%	5%	10%		5%	5%		10%		5%		5%	5%
WP 2	PSD		SRR	PDR	CDR				JTR					JTR				SVR	PED
	10%		15%	15%	15%				20%					10%				10%	5%
WP 3.1	PSD			SwRR-1	SwDR-1			UAR	FAT-1		PED								
	10%			15%	15%			10%	30%		20%								
WP 3.2					PSD	SwRR-2	SwDR-2		UAR			FAT-2		PED					
					10%	15%	15%		10%			30%		20%					
WP 3.3						PSD	SwRR-3	SwDR-3			UAR			FAT-3		PED			
						10%	15%	15%			10%			30%		20%			
WP 3.4									PSD		Hw/SwRR-4	Hw/SwDR-4		FAAT		PED			
									10%		15%	15%		10%		50%			
WP 4	PSD		VC-SwRR-1	VC-SwDR-1			VC-FAT-1	BL1			VC-SwDR-3	BL2		BL3				CAT	PED
	10%		15%	15%				20%			10%	10%		10%				5%	5%
WP 5				PSD		Survey			FAT-1		FSiA-1			FSiA-2		FSiA-3		MSOT	PED
				10%		10%			10%		10%			10%		20%		10%	20%
WP 6														PSD		MMR		MMR	PED
														10%		40%		40%	10%
WP 7														PSD		ISR-1		SVT	PED
														10%		40%		40%	10%
WP 8				PSD					FAT-1			FAT-2		FAT-3		TrRR-NU		TrRR-NS	
				10%					10%			10%		10%		30%		30%	
Warranty																FAT			FSA
																10%			90%

b. Optional Requirements (notional only, depending on the scope and exercise date of the options)

Months	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
Milestones	EDC		CP1	CP2	CP3	CP4	CP5	CP6	CP7		CP8	CP9		CP10		CP11		CP12	EOC
WP 9							PSD	COTSPR			Delivery-NS			Delivery-NU				PED	
							5%	5%			30%			30%				30%	
WP 11														PSD		HL-SRR		HL-SDR	PED
														10%		40%		30%	20%

c. Optional Requirements – WP 10

At each Quarterly Maintenance Review.

ANNEX K. TASK ORDER FORM

CONTRACT CO-13859-TRITON			
1. Task Order Number:		**2. Amendment**	
3. Issuing Office:	NATO Communications and Information Agency, HQ Brussels		
4. Project Manager:			
7. Tasks			
8. Delivery Time and Period of Performance:			
9. Total Value of the Order: DDP Destination		**10. Travel**	
11. Total Cumulative Value of Task Orders Issued under the contract.			
12. Commitment No.:			
13. Project No.:			
14. Effective Date of Order:			
15. For The Contractor:		**16. For the Purchaser:**	
17. Signature:		18. Signature:	
19. Printed Name and Title		20. Printed Name and Title	
21. Date		22. Date	

ANNEX L. NCI AGENCY PER DIEM RATES AND KILOMETRIC ALLOWANCE 2016

KILOMETRIC ALLOWANCE:

- Belgium: EUR 0.50
- The Netherlands: EUR 0.57

PER DIEM RATES

EURO Countries (Full Daily Rates)

COUNTRY	EUR	COUNTRY	EUR	COUNTRY	EUR
Afghanistan	184.00	France, Paris	234.00	Netherlands	209.00
Albania	181.00	Georgia	180.00	Poland	186.00
Andorra	134.00	Germany	210.00	Portugal	179.00
Armenia	149.00	Greece	185.00	Romania	177.00
Austria	184.00	Hungary	181.00	Russian Federation	293.00
Azerbaijan	223.00	Iceland	182.00	San Marino	169.00
Belgium	228.00	Ireland	193.00	Serbia	198.00
Bosnia and Herzegovina	140.00	Italy	240.00	Slovakia	166.00
Bulgaria	166.00	Latvia	159.00	Slovenia	186.00
Croatia	180.00	Lithuania	158.00	Spain	184.00
Cyprus	185.00	Luxembourg	210.00	The former Yugoslav Republic of Macedonia	149.00
Czech Republic	180.00	Malta	150.00		
Estonia	162.00	Moldova	156.00	Turkey	157.00
Finland	224.00	Monaco	220.00	Ukraine	210.00
France, elsewhere	212.00	Montenegro	158.00	United Arab Emirates	252.00

NON - EURO Countries (Full Daily Rates)

COUNTRY	CURRENCY	AMOUNT
UK, London	GBP	216.00
UK, Elsewhere	GBP	186.00
Norway	NOK	1,949.00
Denmark	DKK	1,782.00
Canada	CAD	304.00
USA, Washington	USD	361.00
USA, New York City	USD	409.00
USA, Elsewhere	USD	337.00
Sweden	SEK	2,477.00
Switzerland	CHF	322.00

IFB-CO-13859-TRITON

PROVISION OF FUNCTIONAL SERVICES FOR COMMAND AND CONTROL OF MARITIME OPERATIONS (TRITON)

INCREMENT 1

PROJECT SERIAL 2011/0IS03081

BOOK II – PART IV

STATEMENT OF WORK (SOW)

TABLE OF CONTENTS

SECTION 1: INTRODUCTION

1.1. Purpose

1.1.1. The purpose of this Contract is to implement and support the Functional Services for Command and Control of Maritime Operations (Short Title: TRITON) – Increment 1 Project. This is a Contract for services and supplies to design, develop, test, deploy, and provide life-cycle support for TRITON capability including the production of Deployable Kits for NATO Command Ships (Afloat Command Platforms).

1.2. Background

1.2.1. Project **TRITON** is the name given to all implementation activities associated with the delivery of services in support of Maritime Command and Control contained within the Bilateral Strategic Command (Bi-SC) Capability Package **9C0107** "Functional Services for Command & Control of Operations" and is authorised as the NSIP project **2011/0IS03081**.

1.2.2. The purpose of TRITON is to provide the NATO community with an integrated, robust and flexible capability supporting a set of services available throughout the Bi-SC Automated Information System (AIS) and NATO operational theatres to enable NATO and National forces to establish and share a common view of the battle space thereby improving their situational awareness and decision-making processes.

1.2.3. The capabilities delivered under Project TRITON will be the primary source of the NATO Recognised Maritime Picture (RMP). TRITON as a system consisting of a set of services will be required for use in peacetime, exercises, and time of crisis (operations) throughout the static and deployed environments in the NATO Command Structure (NCS) to provide commanders with the required level of maritime information in order to make informed operational decisions.

1.2.4. TRITON will enable maritime situational awareness based on received information from NATO and National systems, collating the information into RMP and making the RMP available to the NATO forces in a timely and responsive manner in accordance with NATO policy, doctrine and guidance.

1.2.5. To enable this capability, TRITON will provide an integrated and supported suite of services supporting the Maritime C2 Information Services functions that complement and build upon the Bi-SC AIS Core Services. These TRITON services are required to facilitate the work of relevant staff at all static and deployable Command Facilities of the NATO Command Structure to provide the RMP for the full spectrum of NATO operations.

1.2.6. TRITON Increment 1 includes provision of services to provide the users with Maritime Situational Awareness (MSA) to replace the existing MSA Demonstrator Prototype as well as to provide for a replacement of the legacy Maritime Command and Control Information System (MCCIS) functionality at the NATO operational headquarters. It will also provide a foundation to build on for future increments.

1.2.7. At the moment, the MSA and maritime C2 requirements are supported by MCCIS and an Operational Prototype MSA/BRITE). TRITON is intended to replace MCCIS functionality for operational-level C2 and MSA/BRITE by implementing

a full Bi-SC AIS Functional Service, configured to run on two NATO network domains (NS and NU) for both static and deployed headquarters.

1.2.8. In addition to C2 of maritime operations, TRITON will support the NATO Shipping Centre (NSC) at MARCOM, by means of TRITON-NU, for contributing to Maritime security and freedom of navigation, and for aiding commercial shipping and military operations.

1.2.9. TRITON will be executed and managed within the Bi-SC AIS Programme. Its scope, schedule, technical roadmap and dependencies will be aligned with the programme.

1.3. TRITON Implementation

1.3.1. All Maritime C2 and Information Services under Project TRITON will be implemented as "Increments" where each Increment to be procured as separate NSIP projects. The scope of this Statement of Work (SOW) covers only the Increment 1 of Project TRITON, 2011/0IS03081. Other Project Increments will be programmed in future. Figure 1~~Figure 1~~ shows the possible scope allocation for future Increments as well as the scope of Increment 1.

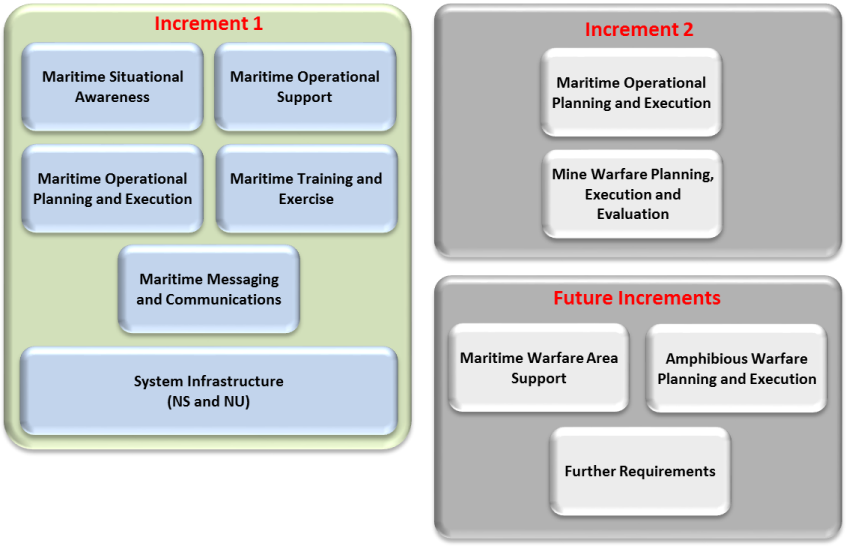

Figure 1 – Project Scope

1.3.2. As a system development methodology, "Incremental Development with Multiple Deliveries Approach" will be used to meet all requirements of TRITON Increment 1. This approach will also be used to balance operational user priorities with technical risks, implementation costs, and development schedules in determining the scope of each increment. During the Incremental Development, parallel Build Phases will be followed and a Baseline will be created with a given set of implemented requirements and the product will be delivered after official testing. Further Baselines will follow the same method while applying enhancements to the previous Baselines. Ultimately, full product will be achieved when the last Baseline is officially accepted. There will also be some infrastructural preparations and analysis for the next Increment to be planned according to the acquisition status. Figure 2~~Figure 2~~ illustrates the Incremental Development Approach:

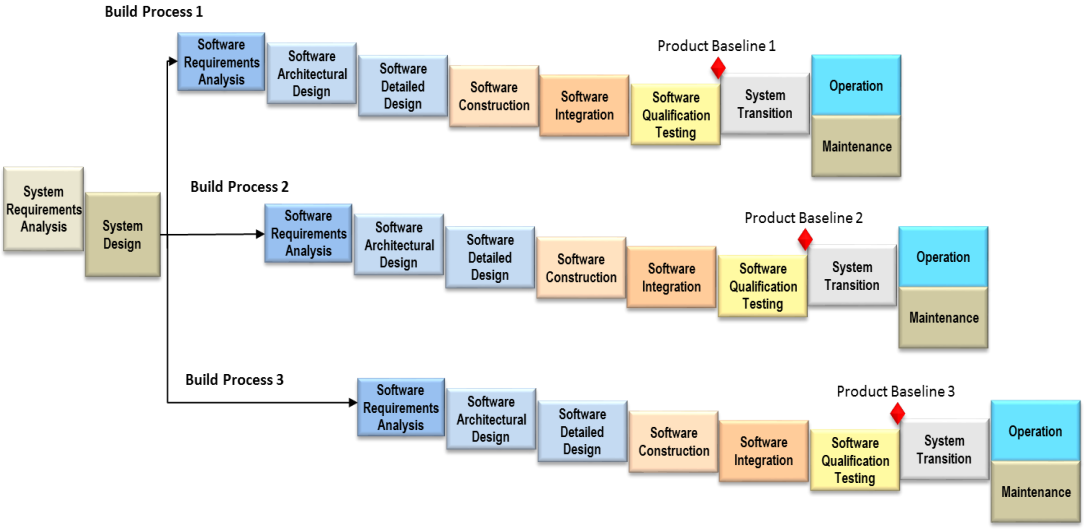

Figure 2 - TRITON Incremental Development Approach

1.3.3. The initial contracted effort is intended to address the TRITON Increment 1 capability as defined in this SOW and the supporting Work Packages.

1.3.4. The TRITON technical solution will be based on a Service-Oriented Approach in order to meet the required flexibility and adaptability for the NATO environment and to prepare for the future NATO Federated Mission Network (FMN). This includes:

1.3.4.1. A set of Business Services to deliver the functionalities,

1.3.4.2. A set of Enabler Services to deliver functionalities in support of Business Services, and perform actions that could be combined with or migrated towards NATO Core Enterprise Services as required,

1.3.4.3. An architectural construct to provide sets of services to internal and external partners and to provide dedicated means of communications to Information Providers, and other methods enabling adequate transformations, also ensuring policy enforcement and governance within TRITON scope[1],

1.3.4.4. An Orchestration Engine[2] to allow for flexibility in designing sequences of services interaction in support of evolving business processes definition.

1.3.5. TRITON will be integrated with the existing BI-SC AIS infrastructure and comply with the planned infrastructure to be provided by CP 9C0150. Optionally, additional COTS software can be procured and delivered.

1.3.6. The TRITON capability will exchange information with various Communities of Interest such as Bi-SC AIS Functional Services, Core Services and Nations. To that extent the TRITON capability needs to support current standards of information exchange, data replication and mechanisms derived from its SOA environment (e.g. Web-services). It will also support the existing interfaces and data formats that are being used by MCCIS and MSA/BRITE.

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[1] Such an architecture construct may be called in the literature an “Enterprise Service Bus”

[2] Such engine may be also called “business process manager”

1.4. Locations

1.4.1. Purchaser Facility

1.4.1.1. Unless otherwise specified in the text, the definition of the Purchaser's Facility defines the following locations:

- NCI Agency in Brussels, Belgium (referred to as NCI Agency Brussels);
- NCI Agency in Casteau, Belgium (referred to as NCI Agency Mons)
- NCI Agency in The Hague, The Netherlands (referred to as NCI Agency The Hague).

1.4.2. Operational Sites

1.4.2.1. The TRITON capability will be accessible across the NATO Command Structure (NCS), Afloat Command Platforms (ACP), NATO Agencies, and Nations. The locations that are originally authorised and confirmed by the operational community – hereafter referred as "Authorised Locations" – and able to access TRITON Services, are listed in Table 1-1~~Table 1-1~~. The list also provides the estimated number of users at each location. The number of users will be confirmed during the Site Surveys. As future Increments will require more users, these numbers will not be taken as a limitation factor for the system design.

Table 1-1 - TRITON Authorised Locations and Estimated Number of Users

Serial	Site	Location	Installation	Number Of Users
TRITON-NS Static Site				
1	SHAPE	Mons	DC	20
2	ACT (NCI Agency Sector)	Norfolk	DC	10
3	JFC	Brunssum	DC	20
4	JFC	Naples	DC	20
5	Land Command	Izmir	DC	10
6	Maritime Command	Northwood	DC or MARCOM	50
7	Air Command	Ramstein	DC	20
8	STRIKFORNATO	Lisbon	DC	20
9	JFTC	Bydgoszcz	DC	20
10	JWC	Stavanger	DC	20
11	CAOC	Uedem	DC	15
12	CAOC	Torrejon	DC	15
13	DACCC	Poggio Renatico	DC	15
14	Battle Laboratory	NCI Agency	DC	10
15	National HQs (10 users each)	20 Nations	DC	200
	TOTAL (for one instance)			**465**
TRITON-NU Static Site				
1	NATO Shipping Centre	Northwood	DC or MARCOM	20
2	Maritime Operations Centre	Northwood	DC	20

3	SHAPE	Mons	DC	10
4	National HQs (10 users each)	20 Nations	DC	200
	TOTAL (total for one instance)			**250**
DCIS				
1	Mission Anchor Point	Deployed	DCIS	50
2	MCC	Deployed	DCIS	50
3	Mission Anchor Point	Deployed	DCIS	50
4	MCC	Deployed	DCIS	50
	TOTAL (for 4 instances)			**200**
Deployable Kit				
1	CTF/CTG	Command Ship	Deployable Kit Unit	5
2	CTU (2 users on each)	4 Other Ships		8
	TOTAL (for each unit of one TDK)			**13**
Support Systems				
1	Maintenance and Support	NCI Agency	NS Reference System	10
	Virtual Test Users	NCI Agency	NS Reference System	100
	TOTAL (for one instance)			**110**
2	Maintenance and Support	NCI Agency	NU Reference System	10
	Virtual Test Users	NCI Agency	NU Reference System	100
	TOTAL (for one instance)			**110**
3	Development and Test	NCI Agency	NS Test System	50
	Virtual Test Users	NCI Agency	NS Test System	100
	TOTAL (for one instance)			**150**
4	Development and Test	NCI Agency	NU Test System	50
	Virtual Test Users	NCI Agency	NU Test System	100
	TOTAL (for one instance)			**150**
5	Individual Training	Training Node	NS Training System-1	**50**
6	Collective Training	Training Node	NS Training System-2	**100**
7	Individual Training	Training Node	NU Training System-1	**50**
8	Collective Training	Training Node	NU Training System-2	**50**
	TOTAL (for eight instances)			**~~1290~~770**

1.4.2.2. In the coming years, NATO will rationalise and centralise its IT infrastructure, reducing the footprint down to only three Data Centres. There are several projects in CP 9C0150 related to the implementation of this new IT architecture in the Bi-SC AIS. Two of these projects within the IT Modernisation Programme are given below:

- "0IS03091: Exploit New Technology", which is implementing the basic Data Centre concept and the future "NATO Cloud"
- "0IS03092: Extend, Upgrade and Adapt Fielded Baseline", which is helping upgrade existing infrastructure at sites.

1.4.2.3. Figure 3~~Figure 3~~ shows the "To-Be Architecture" of the IT Modernisation Programme.

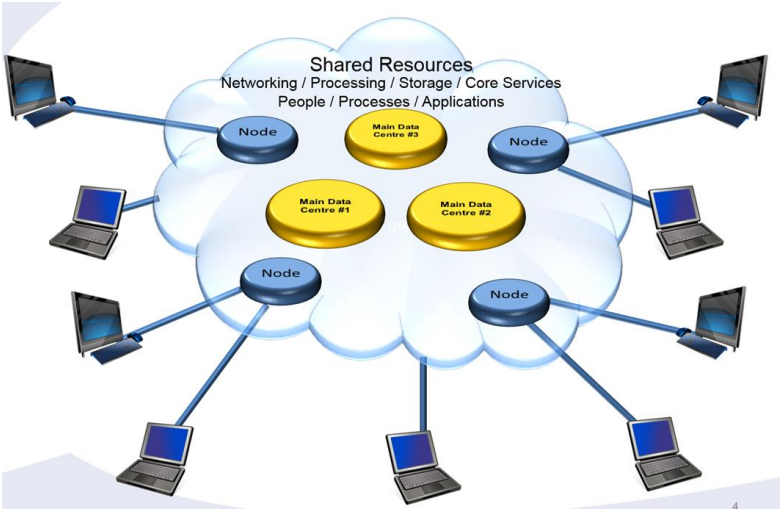

Figure 3 – IT Modernisation "To-Be" Architecture

1.4.3. Authorised Locations

1.4.3.1. The Authorised Locations are classified into the following categories:

- Data Centre Locations
- Enhanced Node Locations
- Standard Node Locations
- Remote Node Locations
- Deployable Nodes
- Support Systems Locations
- User Node Locations
- Organizational Node Locations

1.4.3.2. Data Centre Locations

1.4.3.2.1. Data Centre Locations will have TRITON Servers and infrastructure (if required) and can provide access to the TRITON Services for local and remote users. These sites will be equipped with equipment necessary to support a large number of users. These sites will have TRITON System Administrators and may also have local TRITON users.

1.4.3.2.2. Although the locations of the Data Centres will be finalised later, the current thinking is to place them all in Europe, with a Main Data Centre (DC-1), a Secondary Data Centre (DC-2) and a third Data Centre (DC-3). The design will be based on two full Data Centres (DC-1 and DC-2) having asynchronous replication and a third, smaller Data Centre (DC-3) supporting asynchronous replication with DC-1 for mission-critical data.

1.4.3.2.3. The initially planned Data Centre Locations are given below:

- NATO HQ, Brussels, Belgium
- SHAPE, Mons, Belgium
- JFC Naples, Lago Patria, Italy

1.4.3.2.4. Two of the Data Centres will be sufficiently close to each other to permit asynchronous replication of mission critical data, but sufficiently separated to prevent outage of both due to a common cause. Each Data Centre will provide processing, storage and networking capabilities both at NS and NU Domains.

1.4.3.2.5. The availability of each Data Centre will be 99% in order to achieve an overall 99.999% availability across the three Data Centres for mission-critical services and data.

1.4.3.2.6. The design of TRITON for these nodes should take into account the existing equipment and in a fully virtualised environment.

1.4.3.2.7. Users at the same location as the Data Centres can access TRITON Functional Services (NS and NU) using standard workstations on the appropriate networks.

1.4.3.3. Enhanced Node Locations

1.4.3.3.1. Enhanced Nodes will be equipped with a Local Computing Facility for services that cannot be provided from the Data Centres. These are services with special service level requirements (e regarding latency or availability). It is anticipated that even for Enhanced Node Locations, the majority of services will be provided from Data Centres.

1.4.3.3.2. These Local Computing Facilities will be equipped with the same physical and virtualisation environment as the Data Centres, just at a smaller scale commensurate with the service level requirements.

1.4.3.3.3. Enhanced Node Locations will have TRITON Users and System Administrators.

1.4.3.3.4. Users at Enhanced Node Locations can access TRITON-NS or NU Functional Services using standard workstations on the appropriate networks.

1.4.3.4. Standard Node Locations

1.4.3.4.1. Standard Nodes will have minimum footprint to provide access to the enterprise. They will provide:

- Core network infrastructure services
- Remote management capabilities
- Enterprise network access enhancement
- Information assurance and cyber defence components

1.4.3.4.2. These locations do not have any TRITON System Administrators. The management is centralised.

1.4.3.4.3. Users at Standard Node Locations can access TRITON NS or NU Functional Services using standard workstations on the appropriate networks.

1.4.3.5. Remote Node Locations

1.4.3.5.1. Nations and ships that do not have Deployable Kits are considered as Remote Nodes.

1.4.3.5.2. These locations do not have any TRITON System Administrators. The management is local.

1.4.3.5.3. Users at Remote Node Locations can access TRITON NS or NU Functional Services using standard workstations on the appropriate networks.

1.4.3.6. Deployable Nodes

1.4.3.6.1. Deployable Nodes are those nodes whose locations may be changed according to the needs. Current Deployable Node Locations are as follows:

- Afloat Command Platforms (NATO Command Ships)
- Deployable CIS (DCIS)

1.4.3.6.2. Afloat Command Platforms

1.4.3.6.2.1 The NATO Command Ships assigned to NATO Task Force/Group are named as Afloat Command Platform (ACP).

1.4.3.6.2.2 There will be two (2) Standing NATO Maritime Groups (SNMG-1 and 2) and two (2) Standing NATO Mine Counter-Measures Groups (SNMCMG-1 and 2). In addition to these four Groups in operation, another four Groups may be required for mission hand-over. TRITON will therefore provide eight (8) Deployable Kits in total.

1.4.3.6.2.3 TRITON Deployable Kits will be provided to only the ACPs. They will correspond to standard Data Centre functionality deployed on semi-ruggedized equipment boxes and other mobile equipment to support deployed Headquarters. They will provide server-based capabilities for integration into a deployable network. They will have standalone capabilities, but are intended to rely on available deployable infrastructure (e networking, workstations, domain services etc.) on board the ship.

1.4.3.6.3. Deployable CIS Locations

1.4.3.6.3.1 TRITON shall be accessible across the NATO Command Structure (NCS) and on the deployed commands through the Deployable Communication and Information Services (DCIS), including the NATO Response Force (NRF).

1.4.3.6.3.2 Separate instances of TRITON will be installed on the DCIS infrastructure provided by the Purchaser (named as DragonFly). These instances will be able to run on the Mission Network (MS).

1.4.3.6.3.3 Due to the rotational nature of the NRF, the deployment location is presently unknown. The Contractor shall perform the installation upon confirmation of the locations.

1.4.3.7. Support Systems Locations

1.4.3.7.1. Test Node Location

1.4.3.7.1.1 The Test Node will host the TRITON Test Systems, for both NS and NU Functional Services. These systems will not be operationally used.

1.4.3.7.1.2 The Purchaser will use the Test Systems to conduct system test and integration activities.

1.4.3.7.1.3 All Test Systems will be established on the NU Domain.

1.4.3.7.1.4 The Test Node Location will be the NCI Agency The Hague, PMIC, facilities on the NU Domain.

1.4.3.7.2. Reference Node Location

1.4.3.7.2.1 The Reference Node Location will host the TRITON Reference Systems, for both NS and NU Functional Services. These systems will not be operationally used.

1.4.3.7.2.2 The Purchaser will use the Reference Systems to conduct maintenance and system integration activities.

1.4.3.7.2.3 All Reference Systems will be established on the NU Domain.

1.4.3.7.2.4 The Reference Node Locations will be one of the following NCI Agency premises:

- Testbed in Mons
- PMIC, The Hague

1.4.3.7.2.5 The Purchaser will decide on the Reference Node Locations according to the status of internal organisational needs at the time of deployment. The Contractor shall perform the installation at the designated site.

1.4.3.7.3. Training Node Location

1.4.3.7.3.1 The Training Node Location will host the TRITON Training Systems, both NS and NU Functional Services. They will be used during Individual or Collective Training by remotely accessing the services via browsers.

1.4.3.7.3.2 All Training Systems will be established on the NU Domain.

1.4.3.7.3.3 The Individual Training Node Location will be one of the following:

- Data Center-1
- NCI Academy, Lisbon

1.4.3.7.3.4 The Collective Training Node will be one of the following:

- JFTC, Bydgoszcz (Enhanced Node)
- JWC, Stavanger (Enhanced Node)

1.4.3.7.3.5 The Purchaser will decide on the Training Node Locations according to the status of the CIS infrastructure and operational needs at the time of deployment. The Contractor shall perform the installation at the designated sites.

1.4.3.8. User Node Locations

1.4.3.8.1. User Node is a generic name for a location serving general TRITON users. A User Node may be a Data Centre, an Enhanced Node or a Remote Node, without any geographical restriction. It may also be an ACP with or without the Deployable Kit. Nations are also considered as a User Node.

1.4.3.8.2. User Nodes will host the user workstations which allow individual users to access TRITON functions via Web-based applications.

1.4.3.9. Organizational Nodes

1.4.3.9.1. An Organizational Node provides an integrated set of TRITON functionality and a virtual repository for NATO Headquarters or Centres like a User Node. SHAPE, MARCOM, JFCs are examples to Organizational Nodes.

1.4.3.9.2. An Organizational Node provides a logical structuring of users, functionality and information, and may be independent of the physical node structure (e.g. a physical node may support more than one Organizational Node).

1.4.3.9.3. Organizational Nodes will host the user workstations which allow local users to access TRITON functions via Web-based applications.

1.4.4. Deployment

1.4.4.1. Figure 4~~Figure 4~~ shows a notional diagram of the TRITON operational architecture showing Data Centres, Organizational and User Nodes, and Afloat Command Platforms.

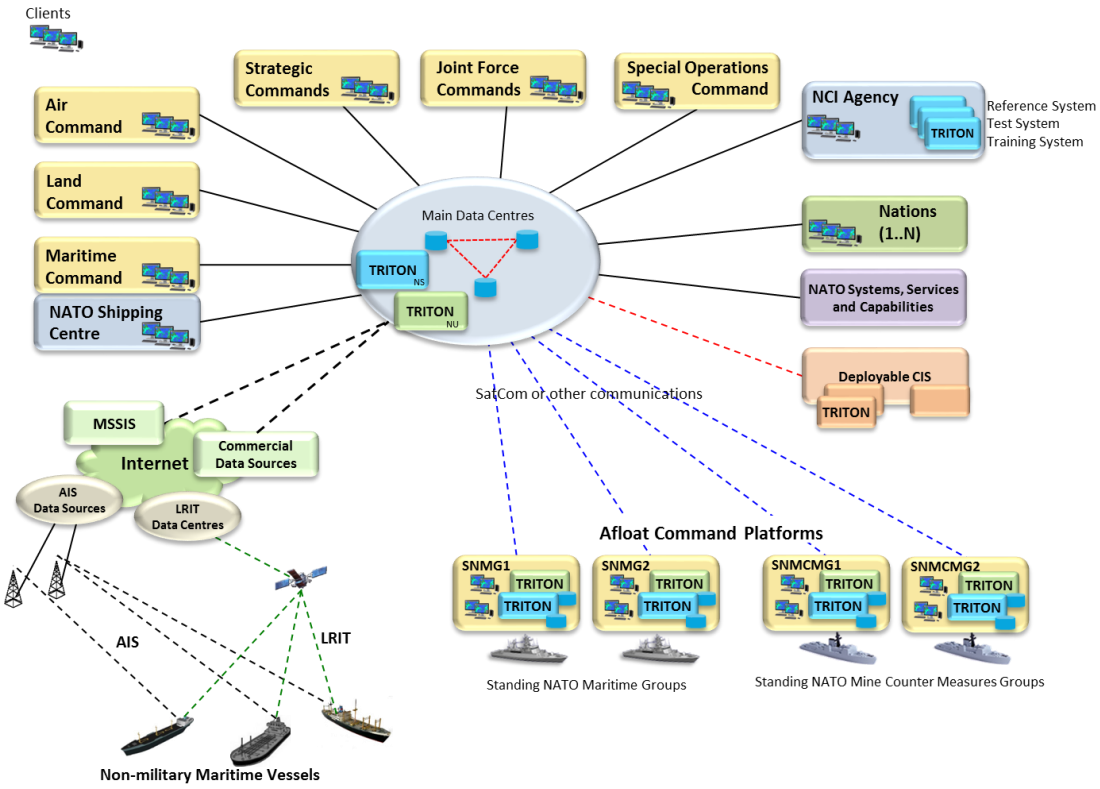

Figure 4 - TRITON Operational Architecture

1.4.4.2. The TRITON installation locations including the Data Centres and other types of Nodes within the architecture illustrated in Figure 4~~Figure 4~~ are given in Annex-B, WP5 System Transition.

1.5. Key Operational Requirements

1.5.1. TRITON, as a system provided by the Contractor, shall meet the key operational requirements stated below:

1.5.1.1. Replacement of MCCIS functionality that supports operational-level Maritime C2, MSA, and RMP.

1.5.1.2. Replacement of MSA functionality for White Shipping currently supported by MSA/BRITE.

1.5.1.3. Building and dissemination of White Picture (WP) on the NU Domain.

1.5.1.4. Building and dissemination of RMP on the NS Domain.

1.5.1.5. Utilising information received from National maritime C2 systems and commercial maritime services to build the WP and RMP.

1.5.1.6. The Water Space Management and Prevention of Mutual Interference (WSM/PMI) segment of Maritime Operational Planning.

1.5.1.7. Interoperability with other NATO systems and Functional Services.

1.5.1.8. Providing Deployable Kits for Afloat Command Platforms to operate TRITON in standalone mode for both domains.

1.5.2. The TRITON capability shall utilise the use of existing Bi-SC AIS Core and Functional Services and comply with the Bi-SC AIS Reference Architecture as specified in the SRS.

1.5.3. The TRITON capability shall be made available to its users as a set of services running on the existing NATO WANs. A degree of information flow shall occur between different security domains.

1.5.4. The TRITON capability shall provide a system which is accreditable at the required security level and mode of operation as defined in the SRS.

1.6. Scope of Work

1.6.1. This Statement of Work (SOW) describes the Contractor's responsibilities and tasks to satisfy the NATO requirements of TRITON Increment 1.

1.6.2. The Contractor shall provide all necessary resources including services, personnel, material, components, equipment and documentation needed to accomplish the tasks described in the SOW and the Work Packages, to meet the requirements of the SOW and Work Packages, and to fulfil Contract Provisions.

1.6.3. TRITON is expected to be implemented using Incremental Development with Multiple Deliveries Approach where each development activity is called “Build Process” which ends with an official product delivery called “Baseline”.

1.6.4. The defined Build Processes are given in Table 1-2~~Table 1-2~~:

Table 1-2 – Build Processes

Build Process	Name	Product	Capabilities
1	TRITON-NS (Partial) as Pilot	BL1	• System infrastructure on NS Domain • Core functions • Object handling • Picture display capability • Concept Demonstration System
2	TRITON-NU (Full)	BL2	• System infrastructure on NU Domain • White Picture management • MSA functions
3	TRITON-NS (Full)	BL3	• C2 capabilities • RMP management • Operational planning (WSM/PMI)
4	TRITON ACP Capability	BL4	• Deployable Kit production • System infrastructure on NS/NU • ACP handling
	C4ISR Visualisation Component	VC BL1,2,3	• Map and object display capability • Isolated component

1.6.5. Each Build Process is expected to follow the standard Waterfall Development life cycle enabling updates to previous Baselines. Agile management and development practices for individual functions and requirements within a Build Process can be applied. A notional overview of Build Process Realisation Plan, including the system-level analysis and design is given in Figure 5~~Figure 5~~.

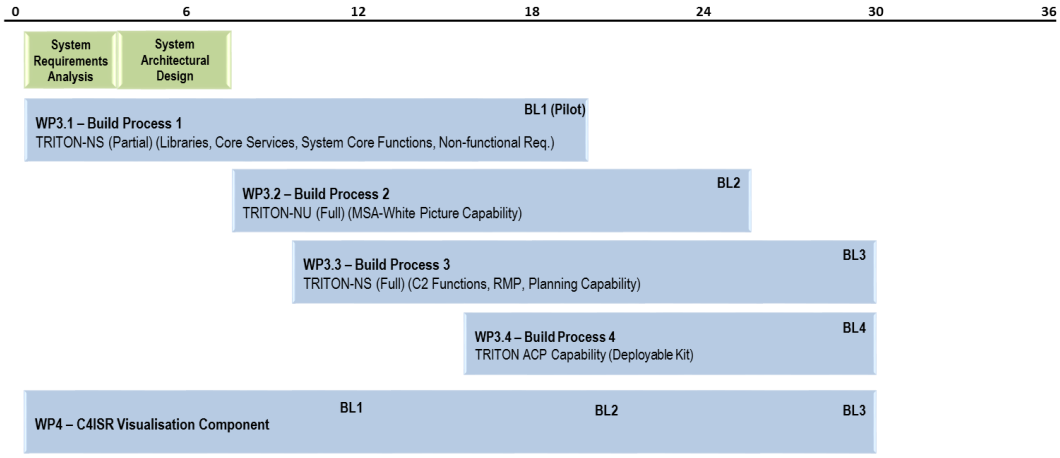

Figure 5 – Build Process Realisation Plan (Notional)

1.6.6. A sequence of software requirements analysis, software design, software construction, software integration, software verification and installation activities will be conducted in each Build Process to deliver a Baseline with a software version. Hardware implementation will be conducted similarly.

1.6.7. The overall TRITON capability for Increment 1 will be realised via a series of Work Packages (WP). The details of the Contractual Work Packages are described in Annex B to this SOW. The list of the Work Packages is given in Table 1-3~~Table 1-3~~:

Table 1-3 – Work Packages

Number	Work Package
WP1	Project Management
WP2	Systems Engineering Services
WP3.1	Build Process 1 (TRITON-NS Partial)
WP3.2	Build Process 2 (TRITON-NU Full Capability)
WP3.3	Build Process 3 (TRITON-NS Full Capability)
WP3.4	Build Process 4 (TRITON ACP Capability)
WP4	C4ISR Visualisation Component Provision
WP5	System Transition
WP6	System Support and Maintenance
WP7	Support to Operational Testing and Evaluation
WP8	Support to Transition from Legacy Systems
WP9	COTS Software Provision (option)
WP10	5-Year Maintenance and Support (option)
WP11	Support to Preparations for the Next Increment (option)

1.6.8. Note that the following packages are contract options that can be exercised during the performance of the main contract, and therefore shall be included in the overall project schedule:

- WP9 : COTS Software Provision (option)
- WP10 : 5-Year Maintenance and Support (option)
- WP11 : Support to Preparations for the Next Increment (option)

1.6.9. Exercising the optional Work Packages shall have no impact on the overall timeline, especially on the date of Final System Acceptance (FSA). Thus the Bidder shall already work these options into the Master Schedule as if they are going to be exercised.

1.6.10. The Contractor shall implement all TRITON system requirements stated in Annex-A, System Requirements Specification (SRS).

1.6.11. The Contractor shall:

1.6.11.1. Design the system and maximise the use of commercially-available products to meet the Contractual System Requirements Specification (SRS) given in Annex B.

1.6.11.2. Use a component-based, loosely-coupled architecture to support maximum reusability.

1.6.11.3. Organise, manage and report on the contracted work as directed by the Work Packages placed under this Contract.

1.6.11.4. Plan and execute developments and/or procurements required in order to ensure that the TRITON Product Baseline will at all times meet the SRS and other Contract requirements.

1.6.11.5. Plan and execute the required tests to certify the TRITON Product Baseline as meeting its functionality, performance, security, interoperability and O&M requirements.

1.6.11.6. Provide expertise to participate in additional Purchaser-led test activities as required.

1.6.11.7. Develop/procure and prepare the necessary TRITON elements for delivery to the specified sites as directed by the Work Packages placed under this Contract.

1.6.11.8. Prepare, install and configure the TRITON in the Purchaser-identified Test and Reference Environment in order to conduct system verification and validation. The Contractor shall coordinate with the Purchaser to arrange access to the NCI Agency TRITON Test Systems and Reference Systems in order to conduct verification or further testing to support follow-on development.

1.6.11.9. Deliver the required software to the prepared site, and execute installation, testing, training and activation of the system, according to the agreed Project Management Plan and Project Master Schedule.

1.6.11.10. Install and configure the Training Systems to be used for TRITON-NS and NU.

1.6.11.11. Develop TRITON Deployable Kits, install and configure software for TRITON ACP Capability.

1.6.11.12. Coordinate with the Purchaser to ensure that the site preparation activities are completed on or ahead of the date site implementation begins.

1.6.11.13. Deliver the required software to all Authorised Locations, and execute installation, testing, training and activation of the system, according to the agreed Project Management Plan and Project Master Schedule.

1.6.11.14. Plan and implement cut-over and initial operation of the new system to ensure transition from the existing to the new operational capabilities without loss of essential mission functions (e.g. building RMP) or data (e.g. existing AIS recordings).

1.6.11.15. Support development of Standard Operating Procedures (SOP) for operational use and maintenance of TRITON (for static and afloat sites and for both NS and NU Domains).

1.6.11.16. Develop and deliver Training Courses, including Training Materials, Student Manuals, Computer-Based Training, and course assessment after each course.

1.6.11.17. Fully document the design, operation, and maintenance of the delivered operational and Support Systems by providing the required manuals, operational procedures, supporting technical data, computer software and drawings required by the Contract.

1.6.11.18. Provide initial service support for the TRITON Product Baseline and transition service provisioning responsibility to the Purchaser.

1.7. Statement of Work Organization

1.7.1. This SOW defines the general requirements for services and supplies provided under Work Packages under this Contract. Specific performance requirements will be defined as part of each Work Package given in Annex B.

1.7.2. Section 1 provides an introduction to the SOW.

1.7.3. Section 2 identifies applicable documents.

1.7.4. Section 3 defines the management requirements of this Contract.

1.7.5. Section 4 defines the requirements for technical tasks under this Contract.

1.7.6. Section 5 defines the support requirements under this Contract.

1.7.7. Section 6 identifies the responsibilities and experience and education requirements for the labour categories to be used in support of this Contract.

1.7.8. Section 7 lists requirements for documentation to be delivered with this Contract.

1.8. Standards for Interpretation of the Statement of Work

1.8.1. This SOW invokes a variety of NATO Standardisation Agreements (STANAGs), Allied Publications (AQAP, ACMP, etc.) and International Standards (e.g. ISO/IEC). While these are NATO reference documents, there are national and international standards that are considered to be equivalent and are cited as such within these documents.

1.8.2. Where a national or international standard exists that is not specifically referenced in the STANAGs, Allied Publications, ISOs as being equivalent, the Contractor may propose to utilise such a standard if it can demonstrate to the satisfaction of the

Purchaser that such a standard is equivalent to the STANAG, Allied Publications or ISOs in question. The Purchaser, however, reserves the right to deny such a request and demand performance in accordance with the standard cited in the SOW.

SECTION 2: APPLICABLE DOCUMENTS

2.1. STANAGS

- STANAG 2290, Ed. 2, 2010, NATO Unique Identification of Items
- STANAG 4107, Ed. 8, 2007, Mutual Acceptance of Government Quality Assurance and Usage of the Allied Assurance Publications (AQAP)
- STANAG 4427, Ed.3, 2014, Configuration Management in System Life Cycle Management
- STANAG 4728, Ed. 2, 2015, System Life Cycle Management
- STANAG 6001, Ed. 5, 2014, Language Proficiency Levels
- STANREC 4174, Ed.4, 2014, Guidance for Dependability Management
- STANREC 4753, Ed. 1, 2015, Project Managers' Guide to Quality Assurance Insight, Oversight and Intervention in the Acquisition Process

2.2. Allied Publications

- AAP-20 Ed. C, Ver.1, 2015, NATO Programme Management Framework (NATO System Life Cycle Model)
- AAP-48 Ed. B, Ver.1, 2013, NATO System Life Cycle Processes
- ACMP-2000, Ed. A, Ver.1, 2014, Policy on Configuration Management
- ACMP-2009, Ed. A, Ver.1, 2014, Guidance on Configuration Management
- ACMP-2100, Ed. A, Ver.1, 2014, Configuration Management Contractual Requirements
- ALP-10 Guidance on Integrated Logistics Support for Multinational Equipment Projects (ILS)
- AQAP-160, Ed. 1, 2001. NATO Integrated Quality Requirements for Software through the Life Cycle
- AQAP-169, Ed. 1, 2001, NATO Guidance on the Use of AQAP-160
- AQAP-2000, Ed. 3, 2000, NATO Policy on an Integrated Systems Approach to Quality through the Life Cycle
- AQAP-2009, Ed. 3, 2010, NATO guidance on the Use of the AQAP-2000 Series
- AQAP-2020, Ed. A, Ver. 1, 2015, Project Managers' Guide to Quality Assurance Insight, Oversight and Intervention in the Acquisition Process
- AQAP-2050, Ed. 1, 2003, NATO Project Assessment Model
- AQAP-2070, Ed. 2, Ver. 2, 2012, NATO Mutual Government Quality Assurance (GQA) Process
- AQAP-2105, Ed. 2, 2009, NATO Requirements for Deliverable Quality Plans

- AQAP-2110, Ed. 3, 2009, NATO Quality Requirements for Design, Development and Production
- AQAP-2210, Ed. 1, 2006, NATO Supplementary Software Quality Assurance Requirements to AQAP-2110
- AQAP-2310, Ed. A, Ver. 1, 2013, NATO Quality Management System Requirements for Aviation, Space and Defence Suppliers
- ATrainP-5, Ed. A, Ver. 1, 2014, Language Proficiency Levels

2.3. Bi-SC Documents

- Bi-SC DIR 75-2, "Education, Training, Exercise and Evaluation Directive (ETEED)", 2 October 2013 (NU)
- Bi-SC DIR 75-7, "Education & Individual Training (E&IT)", 10 September 2015 (NU)
- Bi-SC Capability Package 9C0107, Functional Services for Command and Control of Operations (OPS FS) (NU)
- Bi-SC Capability Package 9C0150, Core Information Services for Command and Control (NU)

2.4. Other NATO Documents

- AC/35-D/2005-REV3, Management Directive on CIS Security, 12 October 2015 (NU)
- AC/35-D/1014-REV2, Guidelines for the Structure and Content of Security Operating Procedures (SecOps) for Communication and Information Systems (CIS), 19 October 2006 (NU)
- AC/35-D/1015-REV3, Guidelines for the Development of Security Requirement Statements (SRS), 31 January 2012 (NR)
- AC/35-D-1021-REV3, Guidelines for the Security Approval or Security Accreditation of Communication and Information Systems (CIS), 31 January 2012 (NR)
- AC/322(SC/5)L(2006)0001, Ver. 2.2, 2006, NATO Communication and Information Systems Configuration Management Policy (NU)
- AC/322(SC/5)L(2006)0001, Ver. 1.0, 2006, Enclosure 2 NATO Communication and Information Systems Configuration Management Directive (NU)
- AC/322-D(2009)0006-(INV), 2009, Guidelines for the Implementation of Configuration Management for NATO CIS (NU)
- AC/322-D(2006)0052 “NATO Consultation, Command and Control Board (NC3B) NATO CIS Configuration Management Policy and Directive (NU)
- AC/322-D(2007)0048 NATO Architecture Framework (NAF) Ver.3, 23 November 2007 (NU)

- ~~AC/322(SC/1-WG/1)N(2009)0005-ADD2, NATO Architecture Framework (NAF) Ver. 3.1 (NU)~~
- NCSA OSI ~~L~~A-14-02, Preparation of NATO CIS Integrated Logistics Support Plans (ILSP), 2nd Revision (NU)
- Approved Fielded Product List (AFPL) (as updated) (NU)
- Material Data Sheet Template (for inventories and CMDBs) (NU)

2.5. Non-NATO Standards

- ISO 9241-210:2010: Ergonomics of Human-System Interaction - Part 210: Human-centred design for interactive systems
- ISO 60300-1:2014: Dependability management - Part 1: Guidance for management and application
- ISO/IEC 10007:2003: Quality management systems - Guidelines for Configuration Management;
- ISO/IEC 20000-1:2005: Information Technology - Service Management, Part1: Specification; Part2: Code of Practice
- ISO/IEC 15288:2008: Systems and Software Engineering - System Life cycle processes
- ISO/IEC/IEEE 15289:2008: Systems and Software Engineering – Content of life-cycle information products (documentation)
- ISO/IEC 12207:2008: Systems and Software Engineering - Software life cycle processes
- ISO/IEC TR 24748-2:2011: Systems and Software Engineering, Life Cycle Management, Guide to the Application of ISO/IEC 15288 (System Life Cycle Processes)
- ISO/IEC/IEEE 29119:2013 Software and systems engineering -- Software testing
- ISO/IEC/IEEE 29148:2011: Systems and Software Engineering - Life cycle processes – Requirements engineering
- ISO/IEC 25000:2005: Software Engineering - Software product Quality Requirements and Evaluation (SQuaRE) - Guide to SQuaRE
- ISO/IEC FDIS 25010:2011: Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - System and software quality models
- ISO/IEC 14764:2006: Software Engineering - Software life cycle processes - Maintenance
- IEEE Standard 1058-1998, IEEE Standard for software project management plans
- IEEE Standard 1016-2009, IEEE Standard for information technology - systems design - software design descriptions

- IEEE Standard 829-2008: IEEE Standard for software and system test documentation
- International Chamber of Commerce Incoterms® 2010, 2010
- ITIL v3 Service Transition (Best Management Practices); 29 July 2011
- Unified Modelling Language (UML) 2.1, Object Management Group
- Project Management Institute, A Guide to the Project Management Body of Knowledge (PMBOK Guide), Fifth Edition
- Project Management Institute, Practice Standard for Work Breakdown Structures, Second Edition

SECTION 3: MANAGEMENT

3.1. General

3.1.1. This section outlines the Project Management Task Area for the TRITON Contract.

3.1.2. The goal of the Contractor's Project Management shall be to guide the project through a controlled, well-managed, visible set of activities to achieve the desired results and, wherever possible, to eliminate problems and to ensure that those problems that do occur are identified early, assessed accurately, and resolved quickly in partnership with the Purchaser.

3.2. Project Management Methodology

3.2.1. By default, the Contractor shall apply the PRINCE2 project management methodology to the planning, delivery and control of services under this Contract. Subject to approval of the Purchaser, the Contractor may propose his own project management methodology.

3.3. General Requirements

3.3.1. This sub-section outlines the general requirements for the TRITON Contract. The requirements of this Subsection (3.3) shall apply to all Work Packages issued under the TRITON Contract.

3.3.2. Personnel Security

3.3.2.1. Unescorted access to a NATO site or unescorted work at NATO facilities can only be possible if the Contractor or Subcontractor personnel have, at a minimum, NS Security Clearance as required by NATO policy.

3.3.2.2. The Contractor shall provide proof that each team member has a valid NS Security Clearance or its application is in process when it is required to work on a NATO site or facility.

3.3.2.3. The Contractor shall process all Contractor and Subcontractor personnel through the NATO Security Office at each site, adhering to their procedures for clearances, to obtain security badges for the duration of the on-site activities.

3.3.3. Independent Verification and Validation

3.3.3.1. The main objective of the Independent Verification and Validation (IV&V) activity will be the evaluation of the performance of the TRITON Contractor and the verification and validation of the work being performed under the related effort, in particular evaluation of Contractor deliverables.

3.3.3.2. The Purchaser will engage an IV&V Contractor to provide support for the TRITON Project. The IV&V Contractor will monitor, assess, and report on the TRITON Contract in order to identify, as early as possible, perceived problem areas.

3.3.3.3. The IV&V Contractor will execute a non-disclosure agreement with the TRITON Implementation Contractor.

3.3.3.4. The IV&V Contractor may be requested by the Purchaser to monitor Contractor activities at Contractor's facilities or other sites related to the development, testing and implementation of the TRITON capability. The Contractor shall fully support such activities and in particular:

3.3.3.4.1. Host inspection visits by IV&V Contractor,

3.3.3.4.2. Make himself available for answering questions and furnishing information related to the project,

3.3.3.4.3. Allow the IV&V Contractor to inspect and monitor testing activities, and

3.3.3.4.4. Allow the IV&V Contractor to inspect and monitor the Contractor's processes applicable to this project.

3.3.3.5. The Contractor shall transfer to the IV&V Contractor all information deemed necessary to perform the IV&V activities, on his own initiative or on request by the IV&V Contractor or the Purchaser.

3.3.3.6. The Contractor shall transfer to the IV&V Contractor at the least the following information:

- Plans
- Reports
- Requirements specifications and RMD~~B~~,
- Design, test, and other technical documentation
- Minutes of CCB meetings
- Software source code.

3.3.3.7. The Purchaser may engage the IV&V Contractor to review any Contract deliverables on behalf of the Purchaser.

3.3.4. Purchaser Responsibilities

3.3.4.1. The Purchaser's Project Manager will act as the Purchaser's representative and will be the primary interface between the Contractor and Purchaser after the Effective Date of Contract (EDC).

3.3.4.2. The Purchaser's Project Manager will be supported by specialists in certain areas who may, from time to time, be delegated to act on the Project Manager's behalf in their area of expertise.

3.3.4.3. The Project Manager, the Integrated Project Management Team (IPMT), Project Board or any other NATO personnel cannot make changes to the terms and conditions of the Contract but may only provide the Purchaser's interpretation of technical matters. All changes to the Contract will be made through the Purchaser's contracting authority only.

3.3.4.4. The Purchaser will provide the Contractor with technical descriptions of existing NATO systems as required for the purpose of determining specific interface requirements between the TRITON capability and these systems.

3.3.4.5. Purchaser Furnished Items and Services

3.3.4.5.1. The Purchaser will make available to the Contractor the facilities necessary to test and demonstrate TRITON compliance with required interfaces to existing NATO systems.

3.3.4.5.2. The Purchaser will provide access to sample existing databases and other data export formats to support the development of representative data for purposes of development, testing, and training. The intent is to provide this through remote access to the Programme Management and Integration Capability (PMIC) facility mentioned below. The sample databases for MCCIS, MSA/BRITE and NIRIS will be made available.

3.3.4.5.3. The Contractor shall identify requirements for PMIC test support in the System Development Plan and the Test Management Plan.

3.3.4.5.4. The Purchaser will provide the (security) settings and related testing documentation for servers, workstations, and Wide Area Network connections.

3.3.4.6. The Purchaser will provide access to PMIC at its premises in The Hague, Netherlands.

3.3.4.6.1. The facility, currently known as the Programme Management and Integration Capability (PMIC), provides Test Systems, Training Systems, Reference Systems and related networks having NATO security settings and also information products applicable to TRITON.

3.3.4.6.2. At the PMIC Test System, the Purchaser will provide access to those Bi-SC AIS Core Services on which the TRITON capability is to depend.

3.3.4.6.3. Upon a request, the Contractor will receive remote access via internet VPN to PMIC sub-network, as required to conduct development and testing.

3.3.4.7. The Purchaser will provide the facilities, operational links, and interfaces required for Installation Tests, Integration Tests, Regression Tests, Verification and Validation Tests.

3.3.4.8. The Purchaser will make available to the Contractor a baseline version of the software source code and any available documents for the following operational prototype:

- MSA Demonstrator Prototype (MSA/BRITE)

3.3.4.9. The Purchaser will maintain Configuration Control for Purchaser-provided prototype software baseline. The Contractor shall identify to the designated Purchaser contact any deficiencies in this baseline it encounters during the course of software implementation activities.

3.3.5. Coordination with Other NATO Projects

3.3.5.1. The NATO CIS environment will be under continual development by other NATO projects and programmes that are being implemented in parallel with TRITON.

3.3.5.2. The Purchaser will inform the Contractor and provide more detailed information concerning the changes in the operational or technical environment that may emerge as a result of these projects and programmes.

3.3.5.3. The Contractor shall advise the Purchaser on the cost, schedule, and performance impacts of such changes on the project.

3.3.6. Operational User Involvement

3.3.6.1. The Contractor shall involve (e.g. through participation in Working Groups reviews, workshops, Joint Technical Reviews, Formal Reviews, User Assessment Reviews, user interface design, test events) appropriate operational users for input to, review of and testing of the project deliverables throughout the life span of the Contract work (i.e. requirements refinement for system activation).

3.3.6.2. The operational user is expected to participate in the following activities:

- Validation of system requirements
- SME support for software analysis and design
- Human-Computer Interaction design
- SME support for implementation details
- User Assessment Reviews (UAR)
- User Assessment Tests (UAT)
- On-site UAT
- System Validation Test (SVT)
- User feedback during Operational Test and Evaluation (OT&E)
- In-Service Reviews (ISR)
- Initial Operational Capability (IOC) declaration

3.3.6.3. The Contractor shall arrange operational user participation through the Purchaser Project Manager or Purchaser Technical Lead.

3.3.7. Location of Work

3.3.7.1. Unless otherwise specified by the Work Package or approved by the Purchaser, the main effort for this Project shall be carried out in the Contractor's premises.

3.3.7.2. Work at Purchaser Sites

3.3.7.2.1. To support extended collaborative efforts, the Contractor may request to locate personnel at the Purchaser’s facilities.

3.3.7.2.2. If the request is approved by the Purchaser, the Contractor shall be responsible for costs associated with working at the Purchaser’s facilities.

3.3.7.2.3. The Purchaser will provide the Contractor personnel working at Purchaser locations as part of Work Packages under this Contract with the services given in Table 3-1~~Table 3-1~~.

Table 3-1 – Services provided by the Purchaser to the Contractor

Serial	Requirement
1	A desk, cubicle, workstation, or workbench, as appropriate
2	Standard office furniture
3	Common expendable office supplies
4	Access to local telephone service

5	Access to the Purchaser's intranet (NR), NS network, Internet site and selected applications
6	Access to utilities within the work area and storage space for project support data

3.3.8. Lessons Report and Lessons Log

3.3.8.1. The Contractor shall establish and maintain a project Lessons Log (LLog).

3.3.8.2. The Lessons Log shall include major problems encountered during the project implementation and identify improvements for the future projects.

3.3.8.3. The Contractor shall make the Lessons Log available on the Project Website.

3.3.8.4. The Lessons Log shall include any learned during the execution and the information captured in the Issue Register and the Risk Register.

3.3.8.5. The Contractor shall prepare a Lessons Report after each major milestone as part of the report of that event.

3.4. Project Management Teams

3.4.1. Integrated Project Management Team

3.4.1.1. The TRITON Integrated Project Management Team (IPMT) comprises the key stakeholders in Maritime Community and serves as a mechanism for monitoring the project status, aligning activities with the other Maritime activities, resolving issues or conflicts within the project, and advising the Purchaser's TRITON Project Manager.

3.4.1.2. The Purchaser's representative chairs the IPMT. The other members are the designated representatives of the NATO Strategic Commands (ACT, ACO). Technical experts within the NCI Agency and other bodies also serve as advisory members of the IPMT.

3.4.1.3. Upon award of this Contract, the Contractor shall become an advisory member of the IPMT, which also serves as the TRITON Configuration Control Board (CCB). The Contractor shall participate the IPMT Meeting as invited.

3.4.1.4. The Contractor shall provide his inputs to the IPMT via the Purchaser's Project Manager.

3.4.2. Project Board

3.4.2.1. The TRITON Project Board is formed by the Purchaser according to PRINCE2 and serves as the primary mechanism for monitoring project status, resolving issues or conflicts within the project, and advising the Purchaser's TRITON Project Manager.

3.4.2.2. The Purchaser's Chief C2 Service Line chairs the TRITON Project Board as the "Executive" role.

3.4.2.3. Depending on the context of the meeting, the Contractor will become a member of the TRITON Project Board as the "Senior Supplier" role. The Contractor shall participate the Project Board Meeting as invited.

3.4.2.4. Depending on the context of the meeting, the user community is represented by the "Senior User" role.

3.4.2.5. The other members (e.g. Assurance) are the designated representatives of the NCI Agency.

3.5. Contractor Project Management Office

3.5.1. The Contractor shall establish and maintain a Project Management Office (PMO) to perform and manage all efforts necessary to discharge all his responsibilities under this Contract.

3.5.1.1. The Contractor shall also provide all necessary manpower and resources to conduct and support the management and administration of operations in order to meet the objectives of the project, including taking all reasonable steps to ensure continuity of personnel assigned to work on this project. The personnel identified below shall be considered as "Key Personnel" in accordance with the Special Provisions of this Contract.

3.5.2. Project Manager

3.5.2.1. The Contractor shall designate a Project Manager (PM), who will direct and coordinate the activities of the Contractor's project team.

3.5.2.2. The Project Manager shall be the Contractor's primary contact for the Purchaser's TRITON Project Manager and shall conduct all major project design, test, and status reviews.

3.5.2.3. The Project Manager shall be prepared at all times to present and discuss the status of Contract activities with the Purchaser's Project Manager, Contracting Officer, or Technical Lead.

3.5.2.4. The Project Manager shall assist the Purchaser's Project Manager in assessing of cost, schedule, and performance trade-offs within the scope of this Contract.

3.5.2.5. The Project Manager shall serve as point of contact for the IV&V Contractor.

3.5.2.6. The Project Manager shall meet the qualifications of Project Manager as specified in 6.2.1.

3.5.3. Technical Lead

3.5.3.1. The Contractor shall designate a Technical Lead for the project.

3.5.3.2. The Technical Lead shall lead the analysis, design, implementation, integration, and follow-on enhancement efforts of the Contractor.

3.5.3.3. The Technical Lead shall be accountable for Configuration Management activities and maintaining the Configuration Control of all Configuration Items.

3.5.3.4. The Technical Lead shall meet the qualifications of a Senior Engineer and Senior Systems Engineer as specified in Senior Engineer 6.4.1 and 6.4.4, respectively.

3.5.3.5. A Technical Manager for the Provision of C4ISR Visualisation Component may be designated.

3.5.4. Test Director

3.5.4.1. The Contractor shall designate a Test Director for all test activities conducted under this Contract.

3.5.4.2. The Test Director shall meet the qualifications of Senior Test Engineer as specified in 6.4.18.

3.5.5. Quality Assurance Manager

3.5.5.1. The Contractor shall designate a qualified individual to serve as the Quality Assurance Manager for activities under this Contract.

3.5.5.2. The Quality Assurance Manager shall be able to work independently from the Project Manager and report to a separate manager within the Contractor's organization at a level equivalent to or higher than the Project Manager.

3.5.5.3. The Quality Assurance Manager shall meet the qualifications of Quality Assurance Manager as specified in 6.5.10.

3.5.5.4. The Contractor should designate Quality Engineers to work under the supervision of the Quality Assurance Manager for all Quality actions to be taken during the lifetime of the project.

3.5.6. Integrated Logistics Support Engineer

3.5.6.1. The Contractor shall designate a qualified individual to serve as the Integrated Logistics Support (ILS) Engineer for activities under this Contract.

3.5.6.2. The ILS Engineer shall report to a separate manager within the Contractor's organization at a level equivalent to the Purchaser ILS Officer.

3.5.6.3. The ILS Engineer shall also be responsible for all training-related activities.

3.5.6.4. The ILS Engineer shall meet the qualifications of the ~~Senior ILS Engineer~~Logistics Management Specialist as specified in 6.5.1~~6.8.1~~.

3.6. Project Website and Collaborative Working Environment

3.6.1. The Contractor shall establish an unclassified Project Website and Collaborative Working Environment (CWE) on which all relevant unclassified TRITON project documentation and datasets shall be maintained.

3.6.1.1. The Project Website shall allow the Purchaser, the Contractor, TRITON Project Team, and the IV&V Contractor to share the CWE content, collaborate and work efficiently online with managed privilege and access to all relevant project information.

3.6.1.2. CWE shall provide tools for co-development of project documents, storing them and supporting communication between the team members.

3.6.2. The Purchaser will provide t~~T~~he unclassified hosting environment for the Project Website and CWE ~~will be provided to the Contractor~~ through the Bi-SC AIS PMIC facility at the NCI Agency The Hague location and ~~will~~ make it~~be~~ available ~~remotely~~ for all relevant stakeholders.

3.6.3. The Project Website and CWE shall identify all relevant classified documents by title, unless a title is itself classified.

3.6.4. The Project Website and CWE shall allow the Purchaser to access to the Issue Register, Risk Register, Quality Register, Project Master Schedule, and other datasets and tools required by this SOW.

3.6.5. The Project Website and CWE shall allow the Purchaser to access to the finished and in-progress items, including design specifications, documentation, source code, installers and executables.

3.6.6. The Project Website and CWE shall contain links to the latest baseline of the software package during all phases of project.

3.6.7. The Contractor shall update the CWE with the development artefacts on at least weekly basis.

3.6.8. The Contractor shall implement an access control mechanism to restrict viewing of any document on the Project Website and CWE to a list of users approved by the Purchaser and administered by the Contractor.

3.6.9. The Contractor shall establish a NATO UNCLASSIFIED link between the NCI Agency The Hague, the IV&V Contractor premises, and the Contractor's premises to establish the Collaborative Working Environment for Project TRITON.

3.6.10. Video Tele-Conferencing Facilities

3.6.10.1. It is envisioned that there will be frequent Video Tele-Conferences (VTC) between the Contractor team and the Purchaser Project Team and as such the Contractor shall have facilities to carry out VTC sessions with the Purchaser's facility locations. These VTC sessions will cover only the UNCLASSIFIED discussions.

3.7. Project Management Plan

3.7.1. The Contractor shall establish, provide and maintain a Project Management Plan (PMP) which describes how the Contractor will implement the totality of the project, including details of the project control that will be applied.

3.7.2. The PMP shall identify all major Contractor operating units and any subcontractors involved in the development of the TRITON capability and a description of the portion of the overall effort or deliverable item for which they are responsible.

3.7.3. The PMP shall cover all aspects of the project implementation, including the Contractor's project management structure and project control processes, personnel assignments, and external relationships necessary to provide the capability as required by this Contract.

3.7.4. The PMP shall be sufficiently detailed to ensure that the Purchaser is able to assess the Contractor plans with insight into the Contractor's plans, capabilities, and ability to satisfactorily implement the entire project in conformance with the requirements as specified in this SOW.

3.7.5. The PMP shall describe, or refer to, how the various project management processes (quality management, configuration management, risk management etc.) are integrated, either via a tool set and/or internal project management practices.

3.7.6. The PMP shall describe how the Project Website and Collaborative Working Environment will be used to maintain communication between the Purchaser and the Contractor.

3.7.7. The PMP shall cover at least the following areas:

3.7.7.1. Project Scope:

- Major deliverables
- Assumptions
- Constraints

3.7.7.2. Project Organization:

- Internal structure, including a project organizational diagram
- Roles and responsibilities of each organizational unit
- Key personnel, their qualifications, and their responsibilities
- Organizational boundaries between the project organization and the parent and subcontracted organizations
- Governance structure

3.7.7.3. Project Management Processes:

- Project start-up, including staffing, basis of cost and schedule estimates, and project infrastructure
- Project control, including monitoring, reporting, and change management of Work Packages
- Responsibility assignment matrix (Responsible, Accountable, Consulted, Informed – RACI)
- Issue management, including the identification, reporting, assessment, and logging of project issues
- Communications management including communication strategy
- Communications including the Project's Website, its establishment, maintenance and use, Project Highlight Reports, Project Checkpoint Reviews, and all other communications with the Purchaser
- Risk management, including the Contractor’s process for risk identification, assessment, mitigation, monitoring, and reporting
- Security management, including personnel and facility security and system security accreditation
- Purchaser involvement via Formal Reviews, Joint Technical Reviews, Working Group Reviews , (in)formal meetings, reporting, modification and change, implementation, verification, approval, acceptance and access to facilities.

3.7.7.4. Software Project Management

3.7.7.4.1. The PMP shall cover software project management aspects including managerial, technical and supporting process plans in accordance with IEEE Std 1058-1998 and ISO/IEC 12207.

3.7.7.5. Hardware Production

3.7.7.5.1. The PMP shall cover hardware production aspects including managerial, technical and supporting process plans in accordance with ISO/IEC 15288 and ISO 9001:2008.

3.7.7.6. Quality Management

3.7.7.6.1. The PMP shall describe how Contractor will establish and use quality management programme, refer to the Quality Plan described in Subsection 3.13 for the following:

- Quality management, including quality assurance of work processes,

- Internal verification and validation,
- Joint Technical Reviews, Working Group Reviews, Formal Reviews and audits.

3.7.7.6.2. The PMP shall cite any references used in the quality management, such as methodologies, tools or best practice material.

3.7.7.6.3. The PMP shall identify the organization and responsibilities of the quality assurance team and its relation to the project team.

3.7.7.6.4. If sub-contracted quality resources are used, the PMP shall describe the controls and processes in place for monitoring the sub-Contractor's work against agreed timelines and levels of quality.

3.7.8. The approval of the PMP by the Purchaser signifies only that the Purchaser agrees to the Contractor's approach in meeting the requirements. This approval in no way relieves the Contractor from its responsibilities to meet the requirements stated in this Contract. The requirements of the Contract supersede any statement in the PMP in case of any conflict, ambiguity or omission.

3.7.9. The PMP shall describe the relationship between the PMP and subordinate plans:

- Quality Plan (QP)
- Configuration Management Plan (CMP)
- Risk Management Plan (RMP)
- System Development Plan (SDP)
- Test Management Plan (TMP)
- System Transition Plan (STrP)
- Integrated Support Plan (ISP)
- In-Service Support Plan (ISSP)
- System Maintenance Plan (SMP)
- Training Plan (TrP)

3.7.10. The Contractor shall ensure that the PMP remains current throughout the duration of the Project to reflect the actual state of the Contractor's organization and efforts, and maintain a current copy on the Project Website.

3.8. Project Product Breakdown Structure

3.8.1. The Contractor shall establish and maintain Project Product Breakdown Structure (PPBS). PBS is a hierarchical list of all the products to be produced during the project where PRINCE2 guidance may be used.

3.8.2. The PPBS shall be used to identify the Work Packages in the Project Work Breakdown Structure.

3.8.3. PPBS shall include the following to enable product-based planning:

- Breakdown Structure
- Product Descriptions of the final products,
- Product Descriptions of each deliverable or sub-product
- Product Flow Diagram.

3.8.4. The PPBS shall describe the hierarchical structure that breaks down a final product into its constituent sub-products.

3.8.5. Product Description

3.8.5.1. The PPBS shall describe the products in Product Description to a level of detail to understand what is needed to build the final product and to clarify and identify all necessary work for the creation of the final product.

3.8.5.2. The Product Description shall be sufficient to understand the purpose and function of the product and the level of quality required of the product.

3.8.6. The Product Flow Diagram shall show the sequence of delivery of products and identify dependencies between those products, including external products.

3.8.7. The Contractor shall not change the PPBS without the approval of the Purchaser.

3.9. Project Work Breakdown Structure

3.9.1. The Contractor shall establish and maintain a Project Work Breakdown Structure (PWBS).

3.9.2. The PWBS shall define the major Work Packages and the relationship between the Work Packages and the end product.

3.9.3. The PWBS shall describe the Work Packages to a level that exposes all project risk factors and allows accurate estimate of each work item's duration, resource requirements, inputs and outputs, and predecessors and successors.

3.9.4. The PWBS shall include a PWBS Dictionary that identifies for each work item its duration, resource requirements, inputs and outputs, predecessors and successors, assumptions, constraints, dependencies, and requirements for Purchaser support. In order to perform Earned Value Management, the PWBS shall identify for each work item both the budgeted and actual cost of work.

3.9.5. The Contractor shall plan the work contained within the lowest-level PWBS components in the Work Packages.

3.9.6. The PWBS shall be used as the primary framework for Contract planning and reporting to the Purchaser.

3.9.7. The Contractor shall not change the PWBS or PWBS Dictionary, without the approval of the Purchaser.

3.10. Project Master Schedule

3.10.1. The Contractor shall establish and maintain a Project Master Schedule (PMS) that contains all Contract events such as Milestones, Checkpoints, Decision Gates and Contract-related Purchaser activities and events (e.g. Purchaser reviews, IV&V tests, provision of specific Purchaser-furnished items). The PMS shall correlate with the PWBS and also be traceable to performance and delivery requirements of this SOW.

3.10.2. The PMS shall depict the sequence, duration, and relationship among PWBS, Task Orders, Work Packages and work items, including internal QA events.

3.10.3. The PMS shall identify the start and finish dates, duration, predecessors, successors, and resource requirements for each work item.

3.10.4. The PMS shall include the delivery dates for all management products (e.g. project plans, Project Highlight Reports), including at least the initial version and the final one.

3.10.5. The PMS shall include activity network, activity Gantt, milestone, and critical path views of the project schedule.

3.10.6. The PMS shall be provided in a format fully compatible with the latest commercial version of the MS Project or other Project Management Software as proposed by the Contractor and authorised by the Purchaser. The PMS shall be made available on the Project Website.

3.10.7. The initial version of the PMS shall, upon Purchaser Acceptance, be placed under the TRITON Configuration Control System.

3.10.7.1. Thereafter, the Contractor shall maintain the baseline version of the PMS on the Project Website.

3.10.7.2. The Purchaser's TRITON Project Manager, without consulting the other TRITON CCB members, can approve changes to the PMS that do not affect other baseline documents or incur additional costs.

3.11. Work Package Management

3.11.1. The Contractor shall prepare draft Work Package Descriptions as requested by the Purchaser.

3.11.2. The Contractor shall ensure that all confirmed Work Packages are reflected in the PMP, PWBS and PMS.

3.11.3. The Contractor-defined Work Packages shall be at least at the level of the Work Packages provided in Annex B to this SOW.

3.11.4. The Contractor-defined Work Packages shall describe schedule, and cost and resources of the work to be done.

3.11.5. The Contractor shall provide link between Work Packages, the scope defined in the PPBS and PMS.

3.12. Risk Management

3.12.1. The Contractor shall establish a risk management strategy and perform risk management throughout the period of performance of this Contract.

3.12.2. The Contractor should use the Risk Management approach as defined in PRINCE2.

3.12.3. The Contractor shall identify threats and opportunities, assess them, establish a plan to implement the responses and follow-up actions, and report the risks as part of the project management reports.

3.12.4. Risk Management Plan

3.12.4.1. The Contractor shall prepare a Risk Management Plan (RMP) and deliver it together with the PMP.

3.12.4.2. The RMP shall describe how the risk management will be performed.

3.12.5. Risk Register

3.12.5.1. Risk Register (RReg) is a record of identified risks relating to an initiative, including their status and history (PRINCE2).

3.12.5.2. The Contractor shall establish and maintain a Risk Register for the project.

3.12.5.3. The Contractor shall identify management, technical, schedule, and cost risks and record them in the Risk Register.

3.12.5.4. The Contractor shall rate each risk as "High", "Medium", or "Low", based on its probability of occurrence and its impact on cost, schedule, and quality.

3.12.5.5. The Contractor shall identify for each risk the measures being taken to mitigate any risk rated as High on any factor and make an assessment of the risk rate in case of implementation of the mitigation measures.

3.12.5.6. The Contractor shall provide the initial baseline version of the Risk Register at the PMR and maintain it throughout the period of the Contract.

3.12.5.7. The Contractor shall make the Risk Register available on the Project Website.

3.12.6. Issue Register

3.12.6.1. Issue Register (IReg) is a register used to capture and maintain information on all of the issues that are being managed formally (PRINCE2).

3.12.6.2. The Contractor shall establish and maintain an Issue Register for the project.

3.12.6.3. The Contractor shall capture and manage all issues raised during reviews in the project Issue Register.

3.12.6.4. The Contractor shall make the Issue Register available on the Project Website.

3.12.7. Assessment

3.12.7.1. The Contractor shall include in the Project Highlight Report a chart that lists all active risks rated High on any factor and note any significant forecasted changes in these risks.

3.12.7.2. The Contractor shall update and brief the Risk Register and update the Issue Register at all Project Checkpoint Reviews and Formal Reviews.

3.13. Quality Management

3.13.1. General

3.13.1.1. The Contractor shall establish, execute, and maintain a Quality Management System throughout the Contract lifetime.

3.13.1.2. The Quality Management System shall be based on AQAP-2110, AQAP-2210 and AQAP-2310 which incorporates by reference ISO 9001:2008, and on AQAP-160.

3.13.1.3. The Quality Management System shall ensure that procedures are developed, implemented and maintained to adequately control the design, development, production, testing, configuration management, and support of all deliverables.

3.13.1.4. The Contractor shall establish, document, implement, assess and improve an effective and economical system in accordance with this document, which includes the requirements of ISO 9001:2008 as necessary to satisfy the contract requirements.

3.13.2. Quality Plan

3.13.2.1. The Contractor shall describe the Quality Management System in a Quality Plan (QP) and deliver it together with the PMP.

3.13.2.2. The QP shall cover quality planning, quality control, quality assurance and quality improvement issues and refer to other management plans.

3.13.2.3. The QP shall be prepared in accordance with AQAP-2110 as detailed in AQAP-2009, Annex C, and Subsection 5.4. The QP shall include at least the following:

- Organizational structure including the assignment of responsibilities and authorities and the organizational units of the Contractor and sub-contractors.
- The specific operational functions of the Contractor's Quality Manual.
- The application of contract related procedures, processes and instructions for activities.
- Introduction and qualification of new methods, processes and procedures for the life cycle processes.
- Analysis, evaluation and correction of problems/non-conformities.
- Fulfilment of specific requirements (e.g. reliability/maintainability/ interoperability/serviceability/safety etc.)
- Preparation of inspection and test specifications for acceptance tests and for their approval as necessary.
- The design, implementation and verification programme for the complete product including theoretical/analytical demonstration, formal reviews, functional and acceptance tests.
- Methods for notification and submittal of documents required by the contract to the Purchaser.

3.13.2.4. The QP shall also incorporate the following:

- Deliverable Quality Plan (DQP) in accordance with AQAP-2105, further details in AQAP-2009, Annex D, Section 3.
- Software Project Quality Plan (SPQP) in accordance with AQAP-2210, further details in AQAP-2009, Annex E, Part 2.

3.13.3. Quality Management Process

3.13.3.1. The Contractor shall conduct the activities for system level quality management as defined in AQAP-2210 and ISO/IEC 15288 Quality Management Process (Paragraph 6.2.5).

3.13.3.2. The Contractor shall conduct the activities for software quality as defined in AQAP-2210 and ISO/IEC 12207, Quality Management Process (Paragraph 6.2.5).

3.13.3.3. The Contractor shall conduct the activities for hardware quality as defined in AQAP-2120 and ISO 9001:2008.

3.13.4. Purchaser Quality Assurance Process

3.13.4.1. The Government Quality Assurance (GQA) multilateral agreement, existing between NATO countries and NATO organizations, is laid down in STANAG 4107.

3.13.4.2. The Contractor shall recognise and accept the application of STANAG 4107 for this Contract and sub-contracts thereof.

3.13.4.3. The Contractor shall comply with the requirements of STANAG 4107. In addition, the Contractor shall use AQAP-2070 as guidance to the delegation of GQA.

3.13.4.4. The Contractor shall provide all necessary assistance to the Purchaser QA Representative (QAR), or his delegated National Quality Assurance Representative (NQAR), if and when Quality Assurance (QA) activities are delegated in accordance with STANAG 4107 in the Contractor's and Sub-Contractors' facilities.

3.13.5. Quality Register

3.13.5.1. Quality Register (QReg) is a register containing summary details of all planned and completed quality activities. The Quality Register is used by the Project Managers and Project Assurance of both Contractor and Purchaser as part of the reviewing progress (PRINCE2).

3.13.5.2. The Contractor shall establish and maintain a project Quality Register which lists all planned and performed quality checks on Contractor deliverables.

3.13.5.3. The Contractor shall make the Quality Register available on the Project Website.

3.14. Communication Management

3.14.1. Communication Management Strategy

3.14.1.1. A Communication Management Strategy (CMS) contains a description of the means and frequency of communication to parties both internal and external to the project. It facilitates engagement with stakeholders through the establishment of a controlled and bi-directional flow of information (PRINCE2).

3.14.1.2. The Contractor shall prepare a CMS.

3.14.2. Electronic Media

3.14.2.1. Non-repudiation of any electronic information exchange will be provided by The Purchaser’s Electronic Mail System.

3.14.2.2. The Contractor’s all official deliveries will be accepted by the Purchaser’s Contracting Officer. The acceptance will be made by e-mail.

3.14.2.3. Electronically scanned copies of signed documents can be exchanged via e-mail where applicable.

3.14.3. Information Sharing

3.14.3.1. All e-mails or any other communication mechanism shall be limited with “need-to-know” principle. “Reply all” function should be refrained.

3.14.3.2. Level of recipients’ positions and relevance of information shall be considered for each e-mail.

3.14.3.3. Only professional e-mail addresses shall be used for official communication.

3.14.3.4. Official English language shall be used in all e-mails.

3.14.4. Postal Services

3.14.4.1. Information exchange through postal services can be used when necessary.

3.14.5. Delivery

3.14.5.1. All hard copies shall be delivered to the Purchaser by either postal services or by a representative of the Contractor.

3.14.5.2. Receipts will be signed by the Purchaser's representative.

3.15. Meetings

3.15.1. General

3.15.1.1. Unless otherwise specified, at least one week before all meetings required under this Contract, the Contractor shall send an invitation, including the following:

- Purpose
- Agenda
- List of participants
- Date, time, place, duration

3.15.1.2. The Contractor shall record meeting minutes and post them on the Project Website within three (3) working days after the meeting.

3.15.1.3. The meeting minutes shall include:

- Date, time and location of the event
- List of participants
- Meeting Agenda
- Input documents
- Discussion
- Comments raised
- Decisions taken
- Action Items
- Attachments

3.15.1.4. The minutes shall not be used as a mechanism to change the terms, conditions or specifications of the Contract, nor as a vehicle to alter the design or configuration of equipment or systems. Such changes shall only be made by agreement, amendment or by authorised mechanisms as set forth in the Contract.

3.15.2. Project Kick-Off Meeting

3.15.2.1. The Contractor's Project Manager or designated representative shall participate in the Project Kick-off Meeting with the Purchaser's Project Manager and members of the TRITON Integrated Project Management Team (IPMT).

3.15.2.2. The Project Kick-off Meeting will be held at the Purchaser's facility within two (2) weeks after the Effective Date of Contract (EDC).

3.15.2.3. Contractor's attendance in person is necessary.

3.15.2.4. The Contractor shall be at least prepared to present a draft Project Management Plan and review the organization of the Project Website.

3.15.2.5. The Contractor shall prepare and submit a Project Kick-off Meeting Report within three (3) business days after the meeting.

3.15.3. Integrated Project Management Team/Configuration Control Board Meetings

3.15.3.1. The Contractor's Project Manager or designated representative shall participate in TRITON IPMT and CCB meetings as requested by the Purchaser's TRITON Project Manager. These meetings will be held at the Purchaser's location, the NCI Agency The Hague.

3.15.3.2. For each CCB meeting the Contractor shall provide the status of all active Change Requests.

3.15.3.3. The Purchaser may combine a CCB meeting with an IPMT meeting. Such a meeting will be counted as one item.

3.15.3.4. Attendance in person is preferred but via video or telephone conferences may be accepted by the Purchaser if meeting agendas are too short to justify travel.

3.15.4. Working Group Meetings

3.15.4.1. In support of incremental development, the Contractor shall establish task-oriented Working Groups with NATO Subject Matter Experts (SMEs).

3.15.4.2. The Contractor shall organise Working Group meetings to conduct reviews with NATO SMEs as specified in Subsection 4.4.

3.15.4.3. The technical reviews supporting Working Groups shall be carried out in the formula of the Joint Technical Reviews and Working Group Reviews.

3.15.5. Additional Meetings

3.15.5.1. The Contractor shall identify to the Purchaser's Project Manager any other meetings with NATO personnel required to support this Contract.

3.15.5.2. Upon approval by the Purchaser's Project Manager, the Contractor shall schedule and conduct such meetings, which shall be mentioned in that month's Project Highlight Report.

3.16. Reviews

3.16.1. Entry and Exit Criteria

3.16.1.1. In general, "Entry and Exit Criteria" support the decision management process prior to and after an identified formal event. They can be used as check lists to decide whether or not to continue with the event or postpone it until the necessary prerequisites are met. They can also be used control the transition from one phase to the next.

3.16.1.2. The Contractor shall define the Entry and Exit Criteria in the related plan of the event and state the satisfactory start and finish points for each formal event.

3.16.1.3. The Purchaser will have right to redefine the Entry Criteria until two (2) weeks prior to the event.

3.16.1.4. Entry Criteria

3.16.1.4.1. Entry Criteria includes affirmative statements regarding the following:

- Status of previous phase

- Status of documents to be used
- Availability of resources to execute the work.

3.16.1.4.2. All items of the defined Entry Criteria shall be checked. The event will start only if the Purchaser agrees the status of the Entry Criteria.

3.16.1.5. Exit Criteria

3.16.1.5.1. Exit Criteria may have two types: "Success Criteria" and "Fail Criteria".

3.16.1.5.2. Success Criteria includes affirmative statements regarding the status of the event after the assessment and the required outputs.

3.16.1.5.3. Success Criteria will be used to identify the condition of any formal event such as Formal Reviews (e.g. SRR, PDR, CDR, TRR, OTRR). The result of the assessment shall be one of the following:

- Passed: All items of the defined Success Criteria are satisfied.
- Conditionally Passed: One or more of the criteria are not fully met. They are identified, recorded and included in the resolution plan.
- Failed: The status is not acceptable for the Purchaser. The event and the assessment have to be repeated according to a revised plan.

3.16.1.5.4. Fail Criteria includes affirmative statements regarding the definitions of unacceptable status.

3.16.1.5.5. Fail Criteria will be used to identify an explicit fail condition for formal events requiring a decision which cannot be recovered (i.e. Decision Gates). If one or more items of the Fail Criteria are satisfied, then the Purchaser will declare the event as "Failed". This event cannot be repeated. Contractual leverages shall apply.

3.16.1.5.6. All items of the defined Success of Fail Criteria shall be checked. The status of the criteria will be determined by the Purchaser.

3.16.2. Project Management Review

3.16.2.1. The Contractor shall execute the Project Management Review (PMR) with the purpose of approving the scope and the plan for the Contractor activities provided within this Contract.

3.16.2.1.1. The PMR meeting shall be hosted by the Contractor.

3.16.2.1.2. The PMR meeting shall be within thirty (30) days after the Effective Date of Contract (EDC).

3.16.2.1.3. The Contractor shall provide the documents given in Table 3-2~~Table 3-2~~ for the PMR.

Table 3-2 –Documents for PMR

Serial	Requirement
1	Project Management Plan (PMP)
2	Project Product Breakdown Structure (PPBS)
3	Project Work Breakdown Structure (PWBS)
4	Project Master Schedule (PMS)
5	Work Package Management

6	Configuration Management Plan (CMP)
7	Quality Plan (QP)
8	Risk Management Plan (RMP)
9	Risk Register
10	Issue Register
11	Quality Register
12	Lessons Log
13	Project Website and Collaborative Working Environment
14	System Development Plan (SDP)
15	Requirements Implementation Schedule (RIS) (Annex to SDP)
16	Usability Engineering Plan (draft) (Annex to SDP)
17	Security Accreditation Plan (draft) (Annex to SDP)
18	Integrated Support Plan (ISP)

3.16.2.2. The Contractor shall prepare PMR Report and submit it to the Purchaser within three (3) working days after the PMR.

3.16.3. Project Checkpoint Reviews

3.16.3.1. The Contractor shall conduct Project Checkpoint Reviews (PCR) at least once a month throughout the Contract period of performance. By default, the PCRs shall take place in the week after the delivery of the PHR. However, the date and time of PCRs may vary and, where possible, be scheduled with other project meetings.

3.16.3.2. The Contractor shall identify and discuss problems with the Purchaser's TRITON Project Manager promptly, however, and not delay this until the next PCR.

3.16.3.3. The PCR shall be conducted in one of the Purchaser's sites or the Contractor's site and the location shall be subject to the Purchaser's Project Manager's approval. By default, the NCI Agency The Hague shall be considered as the location to conduct PCR. However; the location of PCRs may vary and, where possible, be scheduled with other project meetings.

3.16.3.4. Attendance in person is preferred but video or telephone conferences may be accepted by the Purchaser if meeting agendas are too short to justify travel.

3.16.3.5. The Contractor shall organize the first PCR no later than thirty (30) days after the EDC. The first PCR may be combined with PMR.

3.16.3.6. The Contractor shall prepare PCR Report (PCR-R) and submit it to the Purchaser within three (3) days after the PCR.

3.16.4. Formal Reviews

3.16.4.1. The Contractor shall plan and conduct the Formal Reviews (in the form of meeting) with the Purchaser. The initial list of Formal Reviews is given in Table 3-3~~Table 3-3~~.

Table 3-3 – Formal Reviews

Serial	Requirement	Scope
1	Project Management Review (PMR)	Project (initial)
2	Project Checkpoint Review (PCR)	Project (monthly)
3	System Requirements Review (SRR)	System level
4	Preliminary Design Review (PDR)	System level
5	Critical Design Review (CDR)	System level
6	Software Requirements Review (SwRR)	Each SW Build Process
7	Software Design Review (SwDR)	Each SW Build Process
8	Hardware Requirements Review (HwRR)	HW Build Process
9	Hardware Design Review (HwDR)	HW Build Process
10	Hardware Production Readiness Review (PRR)	HW Build Process
11	Test Readiness Review (TRR)	Prior to each test event
12	Sustainment Qualification Review (SQR)	For each Build Process
13	Training Readiness Review (TrRR)	Prior to each training course
14	Site Acceptance Review (SiAR)	At each Site Installation
15	Organizational Node Activation Review (ONAR)	At each Node Activation
16	Provisional System Acceptance Review (PSAR)	After BL3 and 4 delivery.
17	Operational Test Readiness Review (OTRR)	Build Process 2, 3, 4
18	Transition Readiness Review (TrRR)	Build Process 2 and 3
19	In-Service Review (ISR)	During OT&E, system level
20	Monthly Maintenance Review (MMR)	During OT&E
21	Component Acceptance Review (CAR)	At the end of WP4
22	System Verification Review (SVerR)	For each Build Process
23	System Validation Review (SVR)	During OT&E, system level
24	COTS Products Review (COTSPR)	Optional WP

3.16.4.2. The Contractor shall define the Entry and Exit Criteria (see Paragraph 3.3.8) in the related plans in which the reviews are defined. The Purchaser has the right to redefine the proposed criteria.

3.16.4.3. At least two (2) weeks before each Formal Review, the Contractor shall send an invitation to the participants and an organization paper, including as a minimum the following:

- Purpose
- Agenda
- List of participants
- Date, time, location of the Formal Review

3.16.4.4. Upon Purchaser's approval, Formal Reviews can be combined with other meetings or reviews to increase time efficiency. The Contractor may propose optimal dates and schedule considering official holidays and availability of staff.

3.16.4.5. Attendance in person is preferred but video or telephone conferences may be accepted by the Purchaser if a review meeting is deemed to be too short to justify travel.

3.16.5. User Assessment Reviews

3.16.5.1. User involvement in early stages of the development is highly beneficial to correctly understand the user needs and design the software accordingly, especially the user interface. User reviews play a crucial role in providing feedback to designers. The Purchaser will therefore organise User Assessment Reviews (UAR) during each phase of software implementation to assess an implementation product or part of the system under development.

3.16.5.2. During the UAR, participants will review a specification document or a mock-up, or work on a pilot system to provide initial feedback.

3.16.5.3. The Contractor shall support UARs by:

- Preparing a demonstration using the available system capabilities,
- Preparing a scenario to demonstrate the system functions,
- Preparing document reviews,
- Collecting feedback and user comments on the assessed parts of the system or the reviewed product.

3.16.5.4. UAR will be conducted at the Purchaser's PMIC facilities for a duration of three (3) days.

3.17. Project Highlight Report

3.17.1. The Contractor shall provide, no later than the third working day of each month, a Project Highlight Report (PHR). This report shall summarise the activities stated in Table 3-4~~Table 3-4~~.

Table 3-4 – PHR Content

Serial	Requirement
1	Summary of contract activities during the preceding month, including the status of current and pending Work Packages
2	Progress of work and schedule status, highlighting any changes since the preceding report
3	Status of action items and decisions
4	Description of any identified problems, anomalies and high risk areas with proposed solutions and corrective actions
5	Test(s) conducted and their results
6	Provisional financial status and predicted invoices
7	Changes in key Contractor personnel, as approved by the Purchaser
8	Summary of Change Requests requested, recommended or approved
9	Summary of any Site Surveys or other analysis conducted
10	Report on maintenance calls by number, type, and actions taken
11	Plans for activities during the following reporting period

3.17.2. Progress of work and schedule status shall include application of Earned Value Management and provide information to measure progress and performance, including the actual cost incurred by the Contractor under this Contract. Following elements shall be provided based on the data delivered in the WBS:

- Budgeted Cost of Work Scheduled (BCWS)

- Budgeted Cost of Work Performed (BCWP)
- Actual Cost of Work Performed (ACWP)
- Forecast of Remaining Work (FCST)
- Budget at Completion (BAC)
- Estimate to Complete (ETC)
- Schedule Variance (SV)
- Cost Variance (CV)
- Schedule Performance Index (SPI)
- Cost Performance Index (CPI)

3.17.3. The Contractor shall prepare the PHRs as documents and maintain an archive of PHRs on the Project Website.

3.18. Project Status Assessment

3.18.1. The project will be continuously assessed by the Purchaser through a series of control points. These control points are certain events like Milestones in addition to monthly Project Checkpoint Reviews.

3.18.2. Milestones

3.18.2.1. Milestones are the certain events that are held at the end of each development phase to provide visibility to system-wide issues, synchronise the management and engineering perspectives and verify that the goals of the phases have been achieved. SRR, PDR, CDR, TRR, FAT, OTRR, SVT are examples to Milestones. Some Milestones are system-wide (SRR, PDR, CDR, SVR) while some are at Work Package level.

3.18.2.2. Build Process Milestones such as SwRR, SwDR, FAT, SiAR focus the detailed content for a defined scope.

3.18.2.3. The Contractor shall clearly identify in the Project Master Schedule all Milestones identified in this SOW and the Work Packages.

3.18.3. Checkpoints

3.18.3.1. Checkpoints are the selected Milestones or events in the Project Master Schedule used to ensure that the project status is on agreed track. They have clear expectations and tangible results.

3.18.3.2. The Contractor shall clearly identify the Checkpoints and the associated Milestones stated in this SOW in the Project Master Schedule.

3.18.4. Checkpoint Assessment

3.18.4.1. The project will be assessed at each Checkpoint by the Purchaser based on the associated Milestones.

3.18.4.2. “Status Indicators” as traffic lights, Red-Amber-Green colours, will be used to visually indicate the status of the associated Milestones at the time of assessment. A Status Indicator will be assigned to each Milestone according to the amount of schedule deviation as defined in Table 3-5~~Table 3-5~~: