

QUESTION # 1

Section # SPEC 3.2.2.1 Page # 5

Can we provide our own server as part of our solution? Or can we provide a custom API web service to be hosted on the government owned server?

ANSWER:

Specification 3.2.1.1, Page 5, has been amended. In reference to reach-back capability, as stated in the spec referenced, an existing U.S. Army ALMS Blackboard server will be used. The Contractor will not need to provide a server as part of their solution.

QUESTION # 2

Section # SPEC 3.2.1.3 Page # 21

Will the designated LMS provide functionality to import performance data produced by MTT- APPS and VMT?

ANSWER:

MTT-APPS – there will be 2 versions of these apps. One version will be uploaded into the US Army Blackboard and user training progress tracked by the Blackboard LMS (web version). The second version will be able to be downloaded onto a mobile device with no LMS interaction required for this version.

QUESTION #3

Is there another source of physical controls for the BATD since only a single GFE cockpit is offered?

ANSWER:

There is no other Government source for physical controls. It is the responsibility of the contractor to either locate a source or fabricate/replicate.

QUESTION #4

Section # SPEC 3.1 Page #3

What versions of SCORM does the preferred/designated LMS support? Will it support the Tin Can/Experience API?

ANSWER:

The latest supported version of SCORM shall be used.

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ANSWER: LEFT BLANK INTENTIONALLY

QUESTION #6

Section # SPEC 1 Page # 1

Will the VMT AND MTT-APPS be able to access the designated LMS directly from the LAN?

ANSWER:

The Government could not find a reference to “the LAN” in Specification 1, Page 1. However, the first reference to “LAN” is in Specification 3.2.1.1. As stated in 3.2.1.1, “This network will also interface with an existing Government owned server to which VMT student and other trainer related/generated information shall be able to be uploaded.” If this answer does not relate to your question, please re-state and resubmit.

QUESTION #7

Section # 3.2.1.2.1.7 Page #14

This section indicates that the 3D component locator is a separate piece of software that should work in concert with the VMT. It may be more effective to integrate the desired locator functionality into the VMT, utilizing one 3D environment rather than trying to coordinate messaging and hot spots between two different processes. The ability to locate components, harnesses, etc. could be built into the VMT to promote reuse of art assets and minimize software complexity. Would it meet your requirements to incorporate the locator functionality into the 3D interactive workspace of the VMT rather than having a separate program on a separate monitor?

ANSWER:

Integration with the VMT is acceptable.

QUESTION #8

Section # L.7 and L7.7 Page # 89 and 91

Section L.7, Table L-1 lists three volumes. Section L7.7 refers to “three sets of the entire proposal (4 volumes). Is the proposal three or four volumes? Please clarify.

ANSWER:

Three (3) volumes.

QUESTION #9

Section # SPEC 3.1.2 and SPEC 2.1 Page # 4 and 1-2

SPEC Section 3.1.2, bullet 5 refers to Government owned IETMs. In Section 2.1 Government Documents, no IETMs are specified. What Government owned IETMs are to be supplied with this procurement?

ANSWER:

These documents are not offered as GFI. At contract award, the Government will provide the contractor the opportunity to review copies of the two maintenance manuals for UH-72A maintenance to support their production of the VMT. These are copyrighted documents and shall be used by the contractor within the limits of the copyright

#### QUESTION #10

Section # SPEC 3.2.1.1.2 and SPEC 2.1 Page # 6

Section 3.2.1.1.2 Workstation Types, refers to the hangar workstation which is adjacent to the classroom installation. The tasks imply that this workstation is part of the dedicated LAN supporting the student workstations.

1. Is LAN connectivity between the facilities provided by the Government?
2. If not, will the scope of installation require facility modifications and construction?
3. There is a requirement to have wireless connectivity from the classroom workstation to the hangar workstation. How far is that?
4. Will the Government provide us with physical plant descriptions/locations to enable some basic RF engineering and interference modeling?

ANSWER:

1. Yes;
2. Not applicable;
3. Wireless connectivity is within the laboratory workstation and their tablets. The Hangar workstation does not require wireless connectivity;
4. A site survey opportunity will be provided to the winning contractor.

#### QUESTION #11

Section # RFP L.4 and L.6.3 Page # 85 and 86

The PCO, POC and APOC references in L.4 don't coincide with directions provided in L.6.3. Mr. Craig Cunningham and Mr. Jason Jerome are listed in L.6.3 but Jason Jerome is not listed in L.4. Is Michelle Williams or Jason Jerome the POC?

ANSWER:

Michelle Williams is the POC.

#### QUESTION #12

Section # SPEC 3.3.5.1. Page # 35

What is the term NCI?

ANSWER:

NCI = Non Commercial Item.

#### QUESTION #13

Section # SPEC 3.3.5.3.5 Page # 36

The last sentence of the first paragraph ends with "and door locks at all entry points to the immediate work area housing the VMT. Section 3.2.2.1 describes a classroom at least 23'x40'x9'.

1. Does this suggest that the VMT contractor is responsible for facility upgrades, door locks and other physical security measures for this space?
2. What about security measures in the hangar R/I workspace?

ANSWER:

The VMT contractor will not be responsible for facility upgrades or the physical security of the room in which the VMT is installed. The VMT contractor will not be responsible for security measures in the hangar R/I workspace.

QUESTION #14

Section # B Page # 3

Item No 0003 in Section B on page 3 of the solicitation appears to be a duplicate of Item 0002 on page 2 except for the addition of "Option" in Item No 0003. Please confirm that it is the intent of the Government to have one year of Interim Contractor support with an option of an additional year of support.

ANSWER:

Item No. 0003 is intended to be an additional option year of Interim Contractor Support.

QUESTION #15

Section # L Page # 91

Paragraph L.7.7d on page 91 of Section L requires offerors to submit a PDF version of all electronic documents. Is the PDF version considered to be one of the three electronic copies required by Table L-1 on page 89 of the solicitation or is it in addition to them?

ANSWER:

The answer is neither. See L.7.7 and it explains the versions to use should you choose to submit in one or more of the formats listed in L.7.7.

QUESTION #16

Section # L Page # 99

Section L paragraph L.11.6.2 on page 99 of the solicitation states: "The Offeror shall complete all cost/pricing information as set forth in Section B of the Model Delivery Order except CPFF CLIN 0006. The Offeror is responsible to ensure proposed amounts in Section B are consistent with the pricing information provided in the Cost/Price volume (specifically, the TEP Matrix)." Section B on page 4 of the solicitation shows CLIN 0006 as a FFP CLIN. Please confirm that CLIN 0006 is a CPFF CLIN.

ANSWER:

Technical support will no longer be a CLIN. There will be no CPFF in this contract.

QUESTION #17

Section # L Page # 99

Section L paragraph L.11.6.2 on page 99 of the solicitation states: "The Offeror shall complete all cost/pricing information as set forth in Section B of the Model Delivery Order except CPFF CLIN 0006. The Offeror is responsible to ensure proposed amounts in Section B are consistent with the pricing information provided in the Cost/Price volume (specifically, the TEP Matrix)." This offeror cannot locate the TEP Matrix in the Government provided documents. Please provide or clarify the Government's intent regarding this document.

ANSWER:

Technical support will no longer be a CLIN. There will be no CPFF in this contract.

QUESTION #18

Section # RFP

How long after contract award must the contractor deliver the VMT?

ANSWER:

Statement of Work Paragraph 3.1 has been amended.

QUESTION #19

Section # SPEC 3.2.1.3 Page # 21

Does the Army ATSC currently have a method for allowing mobile apps to communicate SCORM data? If not, will there be ATSC technical support for working with the vendor on this solution?

ANSWER:

There will only be a SCORM Blackboard version (WEB) that will be uploaded into the Blackboard system. No external apps will interact with the Army Blackboard.

QUESTION #20

Section #: SPEC, Section 3.2.1.2.1.5.1; 3.2.1.2.1.8 Page 21, Page 14

Is the Avatar that is referenced in 3.2.1.2.1.5.1 Avatar Message Delivery the same Avatar referenced in 3.2.1.2.1.8 VMT Knowledge Simulation?

ANSWER:

Yes

QUESTION #21

Section #: SPEC, Section 3.2.1.3 Page 21

Do the reach back training applications referenced in 3.2.1.3 VMT Reach-back Training require testing/scoring?

ANSWER:

Yes, only for the MTT-APP versions being uploaded into the Blackboard system. All MTT-APP versions that are downloadable onto mobile devices do not need to have a scoring capability.

QUESTION #22

Section #: SPEC, Section 3.2.1.3 Page 21

1. Spec paragraph 3.2.1.3 requires the contractor to build "Maintenance Task Training Applications" (MTT-APPs) to support maintainer "reach back" training for students. It also requires that "The MTT-APPs shall be downloadable to standard personal and laptop computers and mobile electronic devices such as tablets and cell phones (running systems like iOS, Android, and Windows)". Due to the differences in the Android system in the wide variety of Android phones, we have found it to be extremely challenging to create a mobile app that works on ALL Android devices.

Would the Government accept an approach that specifies a minimum hardware performance and Android OS version? This would help to bound the solution and prevent having to support dozens, if not hundreds, of Android devices/versions.

ANSWER:

Yes

QUESTION #23

Section #: SPEC

1. Specification includes reference to Arriel; however, Turbomeca will not sell the IETP to anyone who is not “Turbomeca service-approved operator” [www.turbomeca-support.com](http://www.turbomeca-support.com). Since most simulation and training companies don’t have a certified Turbomeca mechanic or operator, this would be very difficult to obtain without hiring a “Turbomeca service-approved operator”. Is there no way for the Government to acquire this and provide it as GFI for this contract?

ANSWER:

The non-Government documents referenced in the Specification are not offered as GFI; however, the SOW has been amended, see paragraph 3.3.5.2.

QUESTION #24

Section #: DRFP, L.9.1 – General Instructions Page 92; DRFP, CLIN 0006 - Page 4, Should UH-72A VMT Enhancements have a designation of NSP? L.9.1 General Instructions states, “Offerors shall fill-in the line item pricing at Section B of the Model Delivery Order to include all options except for the CLIN 0006 for Concurrency Upgrades. The completed Section B shall be included as Appendix A to the Cost/Price volume.”

ANSWER:

Technical Support or Enhancements will no longer be a CLIN. There will be no CPFF in this contract.

QUESTION #25

Section #: DRFP, L.7.7 Electronic Offerors, Page 91

It states “Offerors shall submit 3 sets of the entire proposal (4 volumes) in electronic format, using non re-writable CDs.” Should it state 3 Volumes?

ANSWER:

Yes, 3 volumes is correct.

QUESTION #26

Section #: DRFP, Section J, Page 77

Attachment 6 – Will Attachment 6 be provided prior to Final RFP release?

ANSWER:

Section J has been amended.

QUESTION #27

Section #: RFP, H.20 Page 24

As written, this appears to contradict the DFAR with respect to a contractor's right to assert technical data rights. Is this paragraph intended to require source code delivery for COTS or other software provided with restricted rights, or to require access only to an SDK?

ANSWER:

It only requires the Government's rights to all developed software. This does not include source code for COTS software used to do development.

QUESTION #28

Section #: RFP, L.2.2 Page 84

L.2.2 mentions one Cost-Plus Fixed Fee line item, however no CLIN is designated CPFF. Please explain which item is CPFF.

ANSWER:

There will be no CPFF in this contract.

QUESTION #29

Section # \_para. 6 Page # 6

Page 6, 6th Paragraph States: The VMT training content shall be suitable for being downloaded to computers and mobile electronic devices...1. For the Mobile devices is there a prescribed device or OS that is required?

ANSWER:

Refer to Specification 3.1 and 3.2.1.3 for example device and OS descriptions.

QUESTION #30

Section # 3.2 Page # 10\_

Page 10, section 3.2, 1st Paragraph States: one (1) hanger work station. ... The Hanger workstation shall be designed to be capable of growth potential integration and use with other planned systems e.g. ...

1. Can the Government provide a complete list of planned systems at this time?
2. Does the Government intend that the Hanger Workstation is to interface with the Instructor Station in the classroom?
3. Can the Government Confirm that the Hanger Workstation will require connectivity to the Classroom Learning Management System?
4. Can it be assumed the interface to these planned systems is through an existing Network connection?
5. Can the Government give more detail of what is meant by integration...i.e. between what, to what level and what purpose?

ANSWER:

1. This description was intended to imply open architecture; SOW and Specification have been amended to remove references to “planned systems”;
2. No;
3. No, it does not require connectivity to the LMS;
4. See question 1& answer 1; 5. SOW and Specification have been amended.

QUESTION #31

Section # 3.2 Page # 10

Page 10, section 3.2, 1st Paragraph States: Calls out a Wireless networking capability...ANSWER:

1. Can the Government confirm this requirement and its intent?
2. Can the Government clarify how the WIFI requirements are to be handled with respect to Information Assurance?

ANSWER:

1. See Specification Paragraph 3.2.1.1;
2. See the document “WIRELESS SECURITY STANDARDS (Version 1.25)”, dated 22 June 2004 at this web site: “[https://ia.signal.army.mil/docs/bbp\\_wireless\\_final.pdf](https://ia.signal.army.mil/docs/bbp_wireless_final.pdf)”

QUESTION #32

Section # para. 2 Page # 7

Page 7, 2nd Paragraph States: VMT based training will be initiated by student maintainers AFTER they have completed an initial phase of UH-72....

1. Does this refer to a phase of training outside of the VMT contract?

ANSWER:

Yes; it’s a phase of UH-72A maintenance training that is completed in a classroom environment prior to VMT supported training. It is not part of the VMT contract.

QUESTION #33

Section # para. 1 Page # 8

Page 8, 1st Para: The first line states Students will be required to review appropriate technical manuals...

1. Are these manuals going to be provided by the Govt?

ANSWER:

Upon delivery of the VMT, the Government will upload electronic copies of the appropriate manuals.

QUESTION #34

Section # last paragraph Page # 10

Page 10, The last Paragraph a reference is made to GFI.

1. Can the Government identify what the planned GFI will encompass?

ANSWER:

SOW has been amended; there is no GFP, GFM, GFE, GFI offered at this time.

QUESTION #35

Page 21, 3.9.1: The Government has identified an Operational Availability rate of 99%.

1. Please confirm this percentage is correct.

ANSWER:

SOW has been amended to 96% Operational Availability.

QUESTION #36

Section # Testing\_ Page #                    \_22-23

Page 23 (and page 22) Testing:

1. Is it the Government's intent to conduct any testing in the Contractor's plant (other than the Contractor In-Plant testing)?

ANSWER:

The Government will conduct testing as delineated by the contractor generated/Government approved test procedures discussed in SOW Paragraph 3.8 and Appendix A.

QUESTION #37

ITEM NO 0004. Maintenance and Instr/OP Trng

With the Govt placing both of these events together payment for this CLIN will be at least a year down the road. Two years down the road if CLIN 0003 is exercised for the ICS option year. Has the Government taken this into account when deciding to place both Training Courses in the same CLIN?

ANSWER:

Request for Proposals has been amended. Instructor/Operator and Maintainer training materials will be broken into separate items.

QUESTION #38

ITEM NO 0009, Manpower Reporting.

This CLIN is identified as FFP. Should this not be NSP?

ANSWER:

Yes.

QUESTION #39

Page 18 of 107, H.5

This section references Section J, Attachment 10 as the GFP list. There is no Attachment 10 in Section J. There is no GFP list.

ANSWER:

There is no GFP list; Solicitation documents have been amended.

QUESTION #40

Section L.2.2

CPFF Line Item is identified in this paragraph?

1. Which CLIN is intended to be CPFF?

ANSWER:

Solicitation has been amended; there is no CPFF.

QUESTION #41

Section # 3.2.2 Page 11

1. Please enumerate and expand on “existing products”.
2. Are there existing government products contractors are required to repurpose?
3. Is there other software already being used by the familiarization training that contractors are required to integrate into the VMT system?

ANSWER:

1. Existing products in this SOW 3.2.2 refers to “open source software” or COTS products.
2. No.
3. No.

QUESTION #42

The Contractor shall maintain a software Controlled Development Environment (CDE) that complies with the NIST SP 800-53 Revision 3.

1. Please clarify “Revision 3”. Current version is Revision 4.
2. Can the government better define “Controlled Development Environment” and specify the requirements or NIST SP 800- 53 paragraphs that apply to demonstrating a compliant environment?

ANSWER:

1. SOW will be amended to reflect “most current version.”
2. The Controlled Development Environment is a software development environment that has implemented the controls and security measures defined in NIST SP 800-53. This requires the Contractor to employ well-defined security policy models, structured, disciplined, and rigorous hardware and software development techniques, and sound system/security engineering principles.

QUESTION #43

Specification Section 3.2.1.2.1.9 page 14 (19 of the pdf).

Regarding the use of the term “emulate”:

- 1 – Is it the government’s intent for contractors to run the existing crew station controls and displays software within the developed VMT system? –or-
- 2 – Is it the government’s intent for contractors to replicate actual functionality through means we develop?
- 3 - If the former, will the government provide details on the software?

ANSWER:

1. No;
2. Through means the Contractor develops.
3. Not applicable.

QUESTION #44

Specification Section 3.2.1.2.2.7 page 19 (24 of the pdf)

1. Once a user has selected a consumable for use and it has been applied, is the Tool A/Tool B slot which it was assigned to now empty?
2. Is the consumable infinite from a tool selection process or will there be some specific number of uses that should be indicated on the tool icon?

ANSWER:

1. While a tool is being utilized, its slot will be temporarily empty. Upon completion of its use, the tool will return to its slot for future selection and use.
2. Consumables should be considered "infinite" for the VMT system. They will not need to be replenished.

QUESTION #45

Section # 3.2.8 Page # 13

Software will be developed and supported using non-proprietary components. All software is to be developed and modified to provide Government Purpose Rights. Use of proprietary components/software are not be allowed for this effort. The software build environment must be self contained, not dependent on any capital assets.

1. Are COTS application plugins previously developed by the bidder considered to be proprietary components and thus restricted from use by the above requirement?

ANSWER:

The Government will own the rights to the software developed for the VMT and allow more than a single proprietary source to update software data.

QUESTION #46

Section # J (Attachment 6) Page # 101

The GFI list is not included. Will the UH-72A AVCATT simulation software will be made available as was offered in the UH-72A SFTS solicitation?

ANSWER:

No.

QUESTION #47

Section # M.9 Page # 107

Will options years of CLS have to be included in the assessment of labor work-share when determining the prime's percentage of labor to meet STOC II's required percentage?

ANSWER:

Yes. IAW 52.219-14 to include option years.

QUESTION #48

Section # 3.2.8 Page # 13

Does the solicitation require the delivery of COTS software (operating system, development tools, etc.) with Government Purpose Rights?

ANSWER:

Government Purpose Rights are required just for the software developed or modified for the VMT.

QUESTION #49

Section # L.2.2 Page # 84

The Type of Delivery order is listed as “Firm Fixed Price, with one Cost Plus Fixed Fee Item”. However, there does not appear to be a Cost Plus Fixed Fee Item required in Section B.

ANSWER:

Solicitation has been amended; there will be no CPFF.

QUESTION #50

Section # 3.2.1.2.2.1 Page # 15

Specification paragraph 3.2.1.2.2.1 (Aircraft Simulation Overview) states “The simulation shall include 2D and 3D graphics that represent one hundred percent of the UH-72A aircraft to include all of its subsystems and components.” Does this apply to internal components of an assembly that is not disassembled as part of a required procedure (such as internal components of an avionics box, or transmission)?

ANSWER:

No.