

Answers to Industry Questions
Stryker Maintenance Training System (MTS) Phase IV

1. QUESTION: RFP Enclosure 3, Section L – Proposal Submission Instructions, Annex B, paragraph 3.1 (c) requires submission of man loading charts , one for each level 2 and 3 element of the proposed CWBS, using the chart format in Document L-3 of the Annex. Are these charts counted as part of the Volume 1 page count? If yes, this could account for a significant percentage of the total page count.

ANSWER: The Government requires one Microsoft Excel file that follows the format shown in L-3 Annex B. The example at L-3 Annex B only shows two levels of WBS elements. Additional rows must be included to cover all Level 3 as minimum CWBS elements. The entire Microsoft Excel file is exempt from any page count limitations.

NOTE: This response supersedes Amendment 0001 Letter Request For Proposal #3.

2. QUESTION: The first paragraph of the Letter Request for Proposal, references a requirement to “upgrade classroom hardware”. Can we assume this means the 40 student stations and 2 IOSs, but does not include either TMS?

ANSWER: No. The TMS and SSE are part of the Stryker Maintenance Training Systems (MTS) as described in paragraph 1.1 of the revised SOW. The TMS and SSE shall be upgraded as necessary to meet the 3D graphics requirement.

3. QUESTION: Are there plans to provide MGS IETMs as part of this RFP for estimating purposes?

ANSWER: Yes. The IETM is included on the hard drive containing all historical data and is available from the Contract Specialist and/or the PCO.

4. QUESTION: In the SRD, Paragraph 4, QUALIFICATION PROVISIONS (page 44) the embedded RTM Excel file does not launch in the Adobe .pdf document. Could you make this Excel file available as part of the RFP?

ANSWER: Yes. The RTM electronic file will be provided upon request and receipt of signed NDA. Per Amendment 0001, the SRD is now a Microsoft Word document.

5. QUESTION: Section L, Annex A, paragraph 6, STRYKER MGS DDT System Description/ Specification, requires a mark-up of the SRD using Microsoft Word using “track changes”. However, the SRD is only provided only as a pdf file. Can you provide the SRD is MS Word format?

ANSWER: Yes. It has been provided as a Word Document in Amendment 0001.

6. QUESTION: In accordance with Section L12 of the RFP, PROPOSAL ORGANIZATION, please clarify that Volume I of the proposal requires a separate Synopsis/Executive Summary for each Chapter (1 and 2), with each being up to a maximum of 10 pages each.

ANSWER: The requirement is for a Summary (not to exceed 10 pages) for each Chapter (1 and 2). These summaries do not count against the page count.

7. QUESTION: In the SRD, Page 23, IOS Capability Requirements. 'The training system shall support the display of electrical schematics that depict the normal and faulted state of the specific TTL wiring harnesses associated with each step, as well as display the path/location of the harness throughout the vehicle. Animation will be supported for specific items of interest, especially where a fault prevents normal circuit operation.'

Was the intent of this paragraph for the Hands on Trainers (HOTs) and not the DTTs?

ANSWER: No. The schematic display is a requirement for the DTT.

8. QUESTION: Para 1.2 states, "The graphics for all new DTT lessons must be in a 3-D format."

Is there a specific 3-D format required? If so, what is it?

ANSWER: There is no specific 3-D format required. The contractor shall propose a format.

9. QUESTION: Para 1.2 states, "The remote Instructor/Operator capabilities must be migrated to a "Tablet" hardware solution."

Which specific capabilities must be migrated to the tablet? Will the purchase of tablets be expected as part of the classroom hardware upgrade? If so, how many? Has a target operating system for the tablet been determined? If so, what is it? Do IA requirements apply to the tablet implementation?

ANSWER: The existing design uses a wireless Hand Held device (RIOS with Microsoft Pocket PC 2003 software). The same functionality is required in an updated platform – i.e. the tablet. The purchases of the tablets are expected as part of the classroom hardware upgrade. There are 1 Handheld PDAs per classroom IOS for a total of 2. The target IOS for the tablet should be proposed by the contractor; however, must be able to interface with the latest Army approved Unified Golden Master Operating System. Currently the Stryker system is using WIN XP v2002 SP 2 operating system. IA will apply to the tablet implementation.

10. QUESTION: Para 1.2 states, "The existing Software Support Environment (SSE) must be utilized to generate the new capabilities. ... The current Operating System (OS) parameters and user interfaces do not currently meet the Army Information Assurance requirements. Regardless, the entire system design when fielded (including the software, and hardware as necessary), must be hardened to meet Army Information Assurance requirements."

What is the current operating system from which the SSE will be migrated?

ANSWER: The current operating system is Windows XP. The Windows Operation System must be upgraded to the latest Army approved Unified Golden Master Operating System. SOW paragraph 1.2 has been revised to reflect this requirement.

11. QUESTION: Section L, paragraph L3 states, "The Government will issue historical technical documentation on a hard drive containing unclassified technical references data for use by prospective offerors during the RFP period..."

Are the IETMs and/or publications that support the troubleshooting and maintenance tasks for the MGS, as described in the Training Task List, available on the hard drive? If not, can we get them?

ANSWER: All historical data including the IETMs are on one hard drive that is available from the Contract Specialist and/or PCO.

12. QUESTION: Section B – Supplies or Services and Prices; SPECIFIC QUESTION: As identified in the Letter Request for Proposal the contractor is required to upgrade classroom hardware and provide spares in support of the Stryker MTS Phase IV effort. Is pricing for all hardware purchases to be included in CLIN 0002?

ANSWER: Prices for all hardware purchases shall be included in CLIN 0002, provided there is a need to upgrade based on the hardware requirement to run 3D lessons in the Students Work Stations, IO stations, SSE and TMS. Spares shall also be included for those parts identified as part of the hardware upgrade.

13. QUESTION: Statement of Work (SOW); SPECIFIC QUESTION: The letter Request for Proposal and the Statement of Work (SOW) Paragraph 1.2 address the necessity to expand the capability of the current Stryker MTS by adding a Diagnostic Troubleshooting Trainer (DTT) for the Stryker Mobile Gun System (MGS) variant. This includes the development of 111 DTT MGS Lessons to include 3D graphics, providing spares, upgrading classroom hardware and upgrading the Windows Operating System to the latest Army approved Unified Golden Master Operating System.

However, the context of the SOW is written in a manner that is more applicable to the design and development of physical devices such as Hands-on-Trainers (HOTs) and Part-task Trainers (PTTs). As an example, section 3.1.4.6 addresses the "manufacture

of piece parts", "accuracy of piece part identification", and "adequacy of manufacturing instructions" which do not seem relevant to the DTT.

Paragraphs that apply are:

3.1.4.6; 3.1.4.7; 3.2; 3.2.2; 3.2.4; 3.2.6.5; 3.2.6.6; 3.2.6.8; 3.2.6.9; 3.2.6.10; 3.2.8; 3.3.1; 3.3.1.1; 3.3.3.1; 3.3.3.2; 3.3.4; 3.3.5; 3.3.5.1; 3.3.6.2; 3.3.7.1; 3.3.7.4; 3.3.7.5; 3.3.8; 3.3.9.3; 3.4.6

Can the Government provide guidance and insight to the requirements addressed in the paragraphs identified above, as to how they apply to the design and development of the DTT?

ANSWER: It is anticipated that changes to the existing hardware baseline will be required as well as changes to the software baselines. Therefore the SOW paragraphs address both. Existing hardware, software, and maintenance related technical documentation must be updated to represent the final design.

Para 3.4.6 applies regardless of the final design changes. At a minimum, burn-out spares must be provided for new and old components that may require replacement during testing and special test equipment such as sound meters must be available.

14. QUESTION: System Requirements Document (SRD); SPECIFIC QUESTION: The System Requirements Document (PRF-PT-00606) is titled "Stryker Maintenance Training System (MTS) Phase IV Program, Desk Top Trainer (DTT)" for the Stryker Mobile Gun System (MGS) variant. However, the context of the SRD is written in a manner that is more applicable to the design and development of physical devices such as Hands-on-Trainers (HOTs) and Part-task Trainers (PTTs). As an example, 3.6.1 – Hazardous Materials states, "The use or generation of hazardous materials and hazardous wastes during normal and abnormal conditions shall be minimized in the design, operation, and support of the training device. Materials used in the construction of the trainer shall not support the propagation of flame."

Paragraphs that apply are:

- 3.6 and all sub-paragraphs
- 3.8 as it applies to power requirements
- 3.10.2
- 3.11
- 3.12 and all sub-paragraphs

Can the Government provide guidance and insight to the requirements addressed in the paragraphs identified above, as to how they apply to the design and development of the DTT?

ANSWER: To comply with all of the upgrade requirements (MGS, IA, OS change, etc.) changes in the existing hardware as well as software changes may be required. Any

changes or redesign or modifications to the hardware components must take these requirements into consideration.

Para 3.6 details explicit safety requirements for the entire STRYKER MTS. Any hardware design approaches proposed as part of the upgrade must continue to meet these requirements.

The environmental constraints defined in paragraph 3.8 are applicable to any and all proposed hardware design approaches for the upgrade.

Paragraph 3.10.2 applies to any and all proposed hardware design approaches associated with the upgrade.

Para 3.12 (RAM) applies to any and all proposed design approaches associated with the upgrade.

15. QUESTION: In RFP Section C3 (SOW), Paragraph 1.2, NEW CAPABILITY there is a reference to “new...HOT capabilities”. However, there are no new HOT capabilities discussed in other parts of the RFP. Are there new HOT capabilities required?

ANSWER: No new HOT capabilities are required. SOW paragraph 1.2 has been revised to reflect this change.

16. QUESTION: Under the new capabilities portion of SOW (Para 1.2) states, “When fielded, the instructor must have the capability to select the lessons from any Training Task List, new or old, with the same type of graphical user interface that is used in the trainer today, but expanded to include the new DTT and HOT capabilities.” Are there new HOT capabilities as part of this acquisition?

ANSWER: No new HOT capabilities are required. SOW paragraph 1.2 has been revised to reflect this change.