

TSM INDUSTRY QUESTIONS AND GOVERNMENT RESPONSES – PART I

Q1	We downloaded a copy of the TSM RFP from the website today. Will the Government be issuing Section B or guidance relative to the quantities that should be bid?
A1	During posting, Section B was inadvertently omitted. Section B has been posted to the web site.
Q2	It appears that page 9 is missing from Section L of the RFP. Page 9 is blank and the paragraph numbering goes from L-4, b. directly to L-4, e.
A2	During posting, Page #9 of Section L was inadvertently omitted. Section L has been updated to include page 9 of Section L.
Q3	Is it possible for the Government to provide the RFP in Word format?
A3	The RFP will be provided in a Word format to those offerors that provide an email address.
Q4	Section J, List of Documents, Exhibits and other Attachments, indicates that the TMCR should have an attachment. However, an attachment was not posted to the website. Is there a typographical error in Section J, or will the Government be posting additional documents to the web site?
A4	TMCR attachments were not originally posted with RFP release. TMCR attachments 1, 2 and 3 were posted on 20 Oct 2003.
Q5	I have downloaded the 10/16 Request for Proposal from the USMC website. However, it seems that the Section listing the Supplies/Services and Pricing/Costs does not seem to be available. Will this be posted or is it available by e-mail?
A5	Please refer to the answer to question Q1.
Q6	I just got through downloading the TSM RFP and have run into a couple of issues: (1) I couldn't find a Section B, which according to the SF 33 is supposed to be 15 pages long; (2) the page between L-8 and L-10 printed out as a blank page; and (3) the RFP is in .pdf format, which differs from the original Microsoft Word used for the draft SOW and Specification. This latter issue is very important since there was no summary of changes made since the draft and the contractors can't a) compare the documents to the draft, or b) can't copy the requirements into a Requirements Traceability Matrix (required to be submitted with the proposal) without having to re-type the entire document. Is there anything that you can do about clarifying these issues?
A6	Please refer to the answer to Q1, Q2, and Q3.
Q7	After reviewing the TSM RFP the following missing sections: Section B - Pages 1-15, Section L - Page 9. Will these sections be provided to potential offerors?
A7	Please refer to the answer to Q1, Q2.
Q8	SOW Para 3.13.12 states "Training device configuration will be developed by the Government with recommendations from the contractor to support formal Government training." Are their additional specifications for the TSM Training Devices in order for contractor pricing to be completed for Schedule B CLIN 0026
A8	No, there are no additional specifications for TSM Training devices. CLIN 0026 should be priced based on contractor's recommendation for training devices, Ref Section C, Item C-5.
Q9	RFP Section L (Volume IV. Part B. IMS instructions on Page L-15) states the IMS shall "include the completed proposed delivery schedule for the production options." While a maximum of 20 units per months has been stated, Schedule B does not specify production

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	quantities required by year. Will a notional production delivery schedule be provided for evaluation purposes only?
A9	No. The maximum delivery of, up to, 20 Units per month is required. The evaluation will be based on the evaluation quantities specified in Schedule "B".
Q10	Does Systems Command have a preferred ILS or RAM-S tool? If so what is it?
A10	No, contractor may decide what models they want to utilize.
Q11	Reference Section B, page 15 of 15, Note B: It states "For evaluation and pricing purposes, offeror shall assume that OCONUS is anywhere in the continental United States." We assume the Government's intent was to say "CONUS" and this is a typo? Please confirm or clarify Note B.
A11	The note should read: "For evaluation and pricing purposes, offeror shall assume that CONUS is anywhere in the continental United States." Schedule "B" will be changed accordingly.
Q12	RE: Section L, Paragraph L.b.4.3 specifies 12 copies of Sections A-K in Volume I. RE: Section L, Paragraph L.f. Cost/Price Instructions, Page L-21, requests two copies of Sections A-K with each pricing volume. Does System Command desire 18 total copies of Sections A-K?
A12	Offerors shall submit 9 copies of their technical proposal, and 2 copies of their pricing volume. Section "L" will be changed accordingly.
Q13	On page J-1, attachment (2) is identified as being comprised of 41 pages and having an attachment. Examination of attachment (2) reveals 34 pages and no attachment. Clarification is requested.
A13	The page count for attachment number (2) is 34. The associated attachments have been posted.
Q14	On page J-1, attachment (3) is identified as being comprised of 72 pages and not having an attachment. Examination of attachment (3) reveals 66 pages and one attachment containing six pages. Clarification is requested.
A14	The Appendix (Glossary) is included in the page count.
Q15	In Block 16 of CDRL Data Item Number A001, request that BLK 12 be modified to the effect that the item is to be submitted in accordance with the Provisioning Guidance Conference schedule.
A15	No. Submission will be in accordance with CDRL Exhibit A001.
Q16	In Block 16 of CDRL Data Item Number F004, request that identification be provided for the anticipate time for Government review, as the contractor is require to incorporate any required changes based on Government comments and resubmit 30 days after receipt of comments, and contractor is to incorporate all Government prior to any subsequent submissions.
A16	No anticipated time for Government review is required. Contractor shall submit deliverables in accordance with CDRL Exhibit F0004.
Q17	In Block 16 of CDRL Data Item Number F006, request that identification be provided for the anticipate time for Government review, as the contractor is require to incorporate any required changes based on Government comments and resubmit 30 days after receipt of comments, and contractor is to incorporate all Government prior to any subsequent submissions.
A17	No anticipated time for Government review is required. Contractor shall submit deliverables in accordance with CDRL Exhibit F006.
Q18	In Block 16 of CDRL Data Item Number K007, request that

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	identification be provided for the anticipate time for Government review, as the contractor is require to incorporate any required changes based on Government comments and resubmit 30 days after receipt of comments, and contractor is to incorporate all Government prior to any subsequent submissions.
A18	No anticipated time for Government review is required. Contractor shall submit deliverables in accordance with CDRL Exhibit K007.
Q19	In Block 16 of CDRL Data Item Number L001, request that BLK 12 be modified to the effect that the item is to be submitted in accordance with the Provisioning Guidance Conference schedule.
A19	No. Submission will be in accordance with CDRL Exhibit L001.
Q20	In Block 16 of CDRL Data Item Number L002, request that BLK 12 be modified to the effect that the item is to be submitted in accordance with the Provisioning Guidance Conference schedule
A20	No. Submission will be in accordance with CDRL Exhibit L002.
Q21	In Block 16 of CDRL Data Item Number N003, request that identification be provided for the anticipate time for Government review, as the contractor is require to incorporate any required changes based on Government comments and resubmit 30 days after receipt of comments, and contractor is to incorporate all Government prior to any subsequent submissions.
A21	No anticipated time for Government review is required. Contractor shall submit deliverables in accordance with CDRL Exhibit N003.
Q22	In Block 16 of CDRL Data Item Number Q001, request that BLK 12 be modified to reflect the initial submission date
A22	Initial submission shall be 90 days prior to PCA. CDRL Data Item Deliverable number Q001 will be updated.
Q23	Block 5 of CDRL Data Item Number Q011 referenced SOW paragraph 3.8.4.1.8. This paragraph does not exist in the SOW. Clarification is requested.
A23	Block 5 of CDRL Data Item Number Q011 should reference SOW paragraph 3.8.4.1.7. SOW paragraph 3.8.4.1.7 will be changed to reflect submission on a quarterly basis.
Q24	CDRL Data Item Number R001 and S005 appear to be identical. Clarification is requested
A24	There appears to be duplication, CDRL Exhibit S005 will be deleted.
Q25	Amended RFP information has been provided. Request that SF 30 be provided to ensure accuracy and compliance to submission requirements.
A25	To date, the RFP has not been amended. When the RFP is amended as a result of the preproposal conference, a SF30 will be provided.
Q26	On page M-10 in second subparagraph under M-3.3.a, Factor P.1 - Relevant Experience (Cont'd), stated that the 20 pages will not count against the total 75 pages allotted to the rest of the technical volume. Clarification is requested.
A26	The 20 pages addressing "Relevant Experience" will not count against the 75 pages allotted for the Technical volume.
Q27	Is it the Governments intent to have the offeror explain each Exception, Deviation, and Request for Waiver in two separate places? First in Volume II, Exceptions, Deviations, and Waivers and again in Volume III and IV. (a) Section L, Page L-11, Item 3) Description. Last paragraph, 1 st sentence. "Provide a detailed description of each exception, deviation or request for waiver." (b)Section L, Page L-12, Item 4) 1 st paragraph last sentence.

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	<p>"Indicate and fully explain any exceptions to Government requirements in this volume."</p> <p>(c)Section L, Page L-14, Item 5) 1st paragraph last sentence. "Indicate and fully explain any exceptions to Government requirements in this volume."</p>
A27	Yes, Volume II is general description, Volume III is technical explanation and Volume IV is effect on Program management.
Q28	Section B, Page 5 of 15, CLIN 0014AF and CLIN 0014AG both reference Exhibit K006. Clarification is requested
A28	There is duplication. SLIN 0014AG will be deleted.
Q29	Section B, Page 13 of 15, CLIN 0043AF and CLIN 0043AG both reference Exhibit K006. Clarification is requested.
A29	There is duplication. SLIN 0043AG will be deleted.
Q30	Section B, Page 10 of 15, CLIN 0036AJ references Exhibit C009 and C010. Clarification is requested
A30	The SLIN for Exhibit C010 should read 0036AK.
Q31	RE: SOW Paragraph 3.10.3, Page 27 -Please verify and clarify the Provisioning data submission media to the Defense Logistics Services Center. Do they still specify 9-track tape, IBM 3480 cartridge tape or 3 1/2" or 5 1/4" diskettes?
A31	No. Information shall be provided on compact disc. SOW paragraph 3.10.3 will be updated.
Q32	RE: SOW Paragraph 3.11.1, Page 31 - What media is preferred for the Electronic Technical Manuals (compact disk, web-based access)? Reference is made to an ETM CD in SOW Paragraph 3.15.7, Page 40. Are TSM Interactive ETMs desired?
A32	IETMs are not required. ETMs on compact disc are required, refer to TMCR paragraph 5.2.1.
Q33	RE: SOW Paragraph 3.13.5, Page 34 - What is the requirement for RSAM training with respect to each of the four identified courses? Does the Government anticipate any requirement for RSAM training as a separate course of instructions?
A33	No. SOW paragraph 3.13.5a will be revised to include RSAM training as part of the DEOS training, and not as a separate course of instruction.
Q34	RE: SOW Paragraph 3.3.3, Logistics Guidance Conference, Recommend this paragraph be deleted and the requirements be incorporated into paragraph 3.10.1.1, Provisioning Guidance Conference. Additionally, recommend that paragraph 3.10.1.1 be amended to reflect that the conference shall occur at 60 days after contract award.
A34	The Government has reviewed the comment. The SOW will not be changed.
Q35	RE: PS Paragraph 3.1.1.3.4, Page 10 Retaining the SB-3865 has significant operational and logistics support, manpower and training implications with TSM. Will continuing SB-3865 support remain separate or be a part of TSM?
A35	The SB-3865 support will be separate from the TSM.
Q36	RE: PS Paragraph 3.1.3.1.5b, Page 24 - Are there any performance or design parameters for the "contractor furnished cable distribution system...or distribution boxes?" Are these considered DEOS ancillary items or individual issues?
A36	<p>This is a two part question.</p> <p>Part 1: There are no special performance or design parameters for contractor furnished cable distribution system other than what is</p>

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	specified. Part 2: The contractor furnished cable distribution system is considered to be an ancillary item.
Q37	RE: PS Paragraphs 3.1.3.1.6 (Page 24), 3.1.3.2 (Page 25), and 3.1.3.3.2.7 (Page 31). Are there environmental conditions placed on the UPS beyond those specified for the TSM components?
A37	No. The vendor must meet all TSM requirements.
Q38	RE: PS Paragraph 3.3.5, Page 42 - For clarity, define "CCA". It is not included in the Glossary.
A38	The acronym CCA is defined as Circuit Card Assembly on page A-1 of Appendix A-1
Q39	RE: PS 3.1.1.2, Page 6: This paragraph reads, in part, "To avoid the exploitation of intercepted communications signals, the TSM will employ transmission security (TRANSEC) equipment to provide encryption for multi-channel multiplexed trunks transiting a node that are not within the physically secured perimeter." Is this quote applicable to connections between the DEOS and the RSAM? If so, there is no mention of a TRANSEC device requirement with the RSAM.
A39	TRANSEC is required to provide encryption for multi-channel trunks transiting a node that are not within the physically secured perimeter as described in CJCSI 6511.01.
Q40	RE: PS Paragraph 3.1.2.1, Page 15 - The table identifies a requirement for an interface between the Digital Wideband Transmission System (AN/MRC-142) and the RSAM but not the DEOS. This appears to be reversed. Should the table read the reverse, AN/MRC-142 and DEOS but not the RSAM?
A40	No, these are not reversed. The table in 3.1.2.1 will be updated to show threshold requirements for both the DEOS and RSAM for the Digital Wideband Transmission System (AN/MRC-142).
Q41	RE: PS Paragraph 3.1.3.4.2, Page 31: The paragraph reads: "An objective capability shall be provided to connect a GSM/802.11b wireless system to the DEOS. The wireless system shall support a minimum of twelve Type 1 secure portable devices over a variety of networks both in CONUS and OCONUS. Any GSM solution shall support the three GSM frequency bands. International power output limitations and frequency restrictions shall be considered in system design." This reads more like a Key Performance Parameter or Threshold requirement than an Objective Requirement. Should this item be declared a threshold vice objective due to the "shall" statements included?
A41	No. Paragraph 3.1.3.4.2 is a TSM objective capability.
Q42	RE: PS Paragraph 3.1.2.2, Figure 3.6, Note 7b. - Note 7b identifies a DEOS CDI interface to an SB-3865. The figure doesn't depict the noted connection. Should the interface type be deleted? Should it be added to the DEOS?
A42	This is a two part question. Part 1: No. The interface type should not be deleted. Part 2: Yes, the 7b was inadvertently left off the drawing between the ULCS and DEOS. The drawing will be updated.
Q43	TSM 0005 removes the Ethernet and serial interfaces to DEOS/DITS. TSM0025 requires an interface. Please clarify this apparent conflict.
A43	The TSM0005 requirement does not remove the Ethernet and serial interfaces to the DEOS/DITS. This requirement does not specify

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	electrical interface requirements.
Q44	TSM0025/TSM0069: Dedicated communications channels and dial up capability shall be provided to support switch management access. This implies an existing Out of Band Access (OOBA). Is there an OOBA management Plan?
A44	No, these requirements do not imply an OOB management plan is required.
Q45	TSM0005 specifies a DEOS objective requirement to interface the NIPRNET. This could present some operational concerns/challenges. Should this interface simply be to an IP router network? Assuming DITSCAP certification, the Marine Corps might want to run this over a SIPRNET environment.
A45	No. The (Objective) DEOS NIPRNET requirement does not imply "simply to be an IP router network". See TSM0072.
Q46	Does the RSAM to MRC-142 interface require that MRC-142 possess and inherent capability to support a DS1? Does the MRC-142 currently possess this capability?
A46	This is a two part question. Part 1: No, the RSAM to MRC-142 interface does not require that the MRC-142 possess an inherent capability to support a DS1. Part 2: The MRC-142 does have an integral FCC-100, which is capable of supporting several electrical interfaces including NRZ and conditioned diphas.
Q47	TSM0006, Figure 3.6, Notes to DEOS (6.e.) STE IP should be specified as an interface into TSM0005. (7.f.) The STU IIIR interface is not in the notes or TSM0005. (6.c.) The Terminal Adapter Interface to the DEOS and RSAM is not listed in TSM 0005.
A47	This is a three part question. Part 1: No, the IP STE on figure 3.6 interface is shown as a network connection of a DDS. See TSM0072. 6e designation will be removed for clarity. Part 2. The STU-III and STU-IIIR have the same POTS 2-wire interface. The 7f designation on figure 3.6 is not correct and will be replaced with 6a. Part 3. A specific Terminal Adapter has not been identified as part of this performance specification. The TA is a component of the DEOS. See TSM0035
Q48	JNMS Neural Star Adapter requirements are not specified as OIDs or objects within a MIB. The MIB should be specified.
A48	"JNMS MIB and Neuralstar adapter requirements will be deleted."
Q49	RE: DITS requirement TSM0057 states that the proposed solution must interface with a Promina SA TRK card. Since this is a proprietary, vendor-specific interface, this requirement has the effect of directing a particular solution (in this case, NET Federal Systems' Promina product). Is the Promina platform a directed solution for the DITS?
A49	No, TSM0057 states "The TRC trunks shall directly interface to DTC via the Promina 800 Symmetrical Asymmetrical trunk (SA TRK) card or to the JECCS via the Promina 400 SA TRK card." The requirement is stated correctly.
Q50	If it is not the Government's intent to identify the Promina platform as a directed solution, will the Government provide Installation Control Drawings (ICDs) or some other documentation which fully describes the electrical, control, and signaling protocols of this interface?

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A50	It is not the government's intent to provide interface control documents, or other documentation that is not referenced for this procurement.
Q51	<p>If the Promina platform is a directed solution, does the Government certify that the Promina complies with the DISA JTA BISDN (ATM) goal architecture?</p> <p>"...Section 4 GOAL ARCHITECTURE: Broadband Integrated Services Digital network (BISDN) as the predominate technology and standards for the fixed environment, and Asynchronous Transfer Mode (ATM) switching for the deployed/mobile environment. In the fixed environment speeds would nominally be 155 Mbps and above; whereas in the deployed/mobile environment, because of limited bandwidths and stressed conditions, speeds in the order of 1.544 Mbps would be likely. Information transfer interoperability between the Fixed and the Deployed/Mobile would be achieved by the use of the 53-byte cells end-to-end; and, whereas in the Fixed end cells would travel at Broadband speeds, in the Deployed/Mobile end cells would have to slow down because of infrastructure limitations. (<http://www.disa.mil/DISN/exsum2.htg/exsum2.html></p>
A51	<p>Not applicable, see A50.</p> <p>Note: The referenced URL was not found. Also, the referenced quote was not found in JTA version 5.1 dated 12 September 2003.</p>
Q52	If the Promina platform is not a directed solution, is it the Government's intent that all proposed solutions comply with the JTA goal architecture as outlined above?
A52	See A51.
Q53	Section 3.1.2.1, <i>DEOS and DITS Interfaces</i> , specifies a number of military-unique systems that the DEOS and DITS must interface to. Specifically, the KY-68 and TA-838 are listed as Threshold requirements for the DEOS, DITS, and RSAM. Is an electronic copy of the ICD for these interfaces available electronically?
A53	The KY-68 is not identified as a threshold requirement for the RSAM. There are several open source references available for this equipment. For the KY-68, see TT-C1-7205-0102, and for the TA-838 see TM 11-5805-650-12/-20P/-34P.
Q54	TSM0021a called out Half-duplex radio-wire interfaces capable of both PTT and VOX. Please provide a list of the equipment which require PTT functionality.
A54	The half-duplex radio interfaces that require PTT and/or VOX keying are listed in TSM0005.
Q55	TSM0023c specifies a requirement for 4-wire analog trunks. Please provide technical specifications for "Type 34 & Type 36".
A55	See referenced CJCSM 6231 Manual for Employing Joint Tactical Communications Systems, specifically Volume II, Joint Voice Communications Systems.
Q56	TSM0023c specifies a requirement for non-secure conferencing. Please provide a detailed description of "Preset, Meet-Me, and Progressive Set-up".
A56	It is not the Government's intent to define these terms. There are several open source documents that provide widely accepted industry definitions for telecommunications terms.
Q57	What are the criteria for determining the technical merits of the proposed solution?
A57	Refer to section M of the RFP.

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Q58	Standard Form 33, Block 9, states "sealed offers in original and 9 copies" will be submitted. However, Section L-4, <u>Offerors Proposal Requirements</u> , subheading b, "Proposal Submission", paragraph 3 states "Twelve copies of an Executive Summary and Volumes I, II, III, IV, and V and three (3) copies of Volume VI." Can the Government clarify the quantities required for this proposal submission?
A58	See A12
Q59	The SOW and Performance Specification is written in terms of delivery of a TSM system that consists of a DEOS, three RSAMs and a DITS. The testing is written in lines of testing a completed system. The CLIN structure specifies modules not TSM systems, which makes the CLINS inconsistent with the SOW and Performance Specification. Please clarify how the CLIN structure is to be bid against the SOW.
A59	Proposals should be developed around the CLIN structure in Schedule "B". Not all Units will receive the same configurations of TSM System.
Q60	Please clarify how TSM Objective requirements of VoIP and Wireless Telephony are to be bid as separate line items.
A60	Schedule "B" will be revised to incorporate CLINS for VoIP and Wireless Telephony Objectives.
Q61	There is no CLIN for delivery of end instruments for use with the DEOS or RSAM. Is it the intention of the government for end instruments to be delivered with the TSM system?
A61	No. End instruments are in current DOD inventory.
Q62	<ul style="list-style-type: none"> The RFP does not provide a production-planning schedule or unit purchase schedule by year. The Standard Form 33, Continuation Sheets 1-15, provides quantities for pricing under IDIQ and Statement of Work (SOW), page 5, paragraph 3 <u>Requirements</u>, provides information on maximum production rates of 20 TSMs per month. However, for pricing and planning purposes, it is difficult to plan or price units without knowing how many units may be purchased per year. Can the government provide more detail in the amount of units expected to be ordered per year?
A62	See A9.
Q63	Section D Paragraph 2 - The second sentence references the items that are installed in the shelter configurations. The TSM specification does not reference a shelter configuration. Should this sentence be removed?
A63	Yes. The second sentence on Section D of the RFP will be removed.
Q64	In addition to FAR Clause 242-17, we recommend adding FAR Clause 52.249-14. Will the government consider adding this clause to the RFP?
A64	The Government will take the request into consideration.
Q65	Clause H-13, Contract Performance in a Crisis Situation, should be tailored. Will the government consider clarifications and/or changes to this clause?
A65	The clause was developed with the advice and assistance of MARCORSSCOM legal counsel. It has been determined that the clause is legally sufficient as stated.
Q66	We recommend adding the following FAR clauses: FAR 52.228-3, Workers Compensation (Defense Base Act), FAR 52.228-4, Worker's Compensation and War-Hazard Insurance Overseas and DFARS 252.228-7000, Reimbursement for War-Hazard Losses. Will the government

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	consider adding these clauses to the RFP?
A66	DOD instructions 3020.37 referenced in the Contract Performance in a Crisis Situation clause, H-13 incorporates the necessary coverage by reference.
Q67	In addition to DFAR Supplement Clause 252.232-7004, DoD Progress Payment Rates, we recommend adding FAR Clause 52.232-16 so that Progress Payments can be requested. Will the government consider adding this clause to the RFP?
A67	The Government does not intend to authorize progress payments at this time.
Q68	L-4 f. Proposal Content, Volume III. Part B. Integrated Logistics Support - The last paragraph of the section refers to the Business Volume. Please clarify reference to Business Volume.
A68	Last sentence in L-4 f. Volume III part B, will be revised to read "Volume IV part E shall also reflect any required elements set forth in the product supportability strategy."
Q69	Preproposal Conference - Please provide the address and directions for the MCCDC Auditorium.
A69	<p><i>If you drive aboard Base, be sure to have your valid driver's license ready, as you will need to present it to the guard at the gate.</i></p> <p>Marine Corps Base, Quantico is located off of Interstate 95 in Virginia, 36 miles south of Washington D.C. and 20 miles north of Fredericksburg.</p> <p>From I-95: Take exit 148 MCB Quantico, or exit 150 Quantico / Triangle. Proceed east to either entrance of the base. Marine sentries assist visitors arriving at the base; visitors are issued vehicle passes and given directions to their destination. Proper identification, such as a state driver's license, is required to get onto base.</p> <p><u>Address for MCCDC Auditorium:</u> Marine Corps Combat Development Center (MCCDC) Bldg 3300 Russell Road Quantico, VA 22134</p> <p>QuanticoMap.ppt is being sent to RFP respondents via electronic mail.</p>
Q70	L-5 Preproposal Conference - Please verify URL for the Internet site where information is to be posted. Attempts to access this site resulted in a site not found response.
A70	The URL is http://www.marcorsyscom.usmc.mil/sites/ctq/tsm.asp
Q71	The last paragraph on page L-7 (paragraph L-4.b.6) directs the reader to follow the proposal outline indicated in paragraph L.2.d. We are unable to locate a paragraph L.2.d. If this is a correct reference, can the Government please identify the page of the RFP on which paragraph L.2.d appears?
A71	There is a typographical error, reference should be L-4d vice L.2.d. See page L-9.
Q72	M-3.1.a Factor T.1 - Technical Approach - Component selection is evaluated based upon commonality to TDN/DTC/JECCS. Is it the government's intention to eliminate any vendor not currently being supplied on one of those programs? If yes, can the government

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	supply the detailed Bill of Materials for the three programs? If not, we would recommend changing the statement to "commonality with existing DOD inventory".
A72	No.
Q73	Please provide a definition of excessive modification listed in Note 2.
A73	The intent of Note 2 is to maintain the integrity of OEM COTS configurations. Additionally see PS paragraph 1.3.
Q74	Section 3.4.2: This section requires an open system approach that uses widely accepted, industry approved interface standards. For the DITS, TSM0057 requires delivery of an interface to the Promina SA-TRK card, which is a NET proprietary interface. This technical requirement appears to be in conflict with this SOW requirement. Please clarify how the contractor can be compliant to both requirements
A74	This section requires an open systems approach as the preferred design strategy. There is no conflict.
Q75	TSM0023 .1. In the description of the MAGTF Communications Architecture in which the TSM system is to be employed, there is no mention of interconnection with domestic law enforcement agencies. Could the government explain the operational scenario that drives this requirement? Please provide the sections of the CALEA Standards fro Law Enforcement Agencies that the TSM is required to comply with.
A75	In October 1994, Congress took action to protect public safety and national security by enacting CALEA. The law further defines the existing statutory obligation of telecommunications carriers to assist Law Enforcement in executing electronic surveillance pursuant to court order or other lawful authorization. CALEA is codified at 47 U.S.C. § § 1001-1021. The reference in Section 2.0 CALEA is incorrect. The correct reference is J-STD-025-A, Lawfully Authorized Electronic Surveillance, dated 17 April 2003. TSM0023 subparagraph 1 has will also be updated to reflect Communications Assistance for Law Enforcement Act (CALEA) compliance in accordance with J-STD-025-A.
Q76	TSM0038 This section requires an appearance on the SEP of an external timing/clock interface. Is this the only external clock that the circuit switch is to synchronize to or should the circuit switch be capable of synchronizing to any or the PRI interfaces?
A76	No. This is a vendor design factor.
Q77	TSM0040 Given the EMI requirements listed in Section 3.3.2, will the RSAM be connected to the DEOS via fiber optic cable or copper cable?
A77	The EMI requirements do not preclude the use of fiber optic or copper cable.
Q78	TSM0057 The four EIA-530 trunks are required to interface with Promina Symmetrical Asymmetrical trunk, which is a NET proprietary interface. Is it the government's intention to direct the use of an NET Promina in the DITS? If the use of an NET Promina is a government directed use, will the government formally direct Promina to provide each of the offerors with the same pricing?
A78	No, see A49.
Q79	TSM0105 The second sentence states that "The TSM shall operate on commercial power or current and future USMC mobile tactical

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	generators found in the inventory (208 VAC, 3 Phase, 50/60 Hz).“ Are we correct in interpreting this requirement to mean that the TSM must operate off both 120 single phase and 208 three-phase power sources?
A79	No, the 208 VAC, 3 Phase, 50/60 Hz refers to the generator. Reference to 208 VAC, 3 Phase, 50/60 Hz will be removed from the PS.
Q80	TSM0115 This requirement states that TSM will operate in temperatures of 0-40 degrees C. TSM0113 states that TSM equipment will be located in facilities that may or may not be environmentally controlled. Are we correct is assuming that if the ambient temperature is the 0-40 degree range that the TSM system will be located and operated in an environmentally controlled facility?
A80	No. This assumption is not correct.
Q81	TSM0146 This requirement references MIL-STD-461D while Section 2.1 and SOW Sections 2.1 and 3.4.6 reference MIL-STD-461E. Please clarify which EMI standard is to be used in the TSM program.
A81	The EMI standard to be used is MIL-STD-461E. Paragraph 3.3.2 of PS reflects MIL-STD-461D, this will be changed to MIL-STD-461E in PS.
Q82	TSM0072 specifies an objective requirement for VOIP. Must the solution be capable of supporting the DOD directives for IPV6?
A82	Yes, to be in compliance with Mr. Stenbit's memorandum for the Secretaries of the Military Department, subject Internet Protocol Version 6 (IPV6), dated 9 June 2003.
Q83	TSM0072 specifies an objective requirement for VOIP. Please specify the packet network telephony devices that must be supported by the solution
A83	This is an objective requirement and the solution will be vendor design driven.
Q84	In Figure 3.6, what is the 7f connection to the DEOS?
A84	See A47.
Q85	In Figure 3.6, is the 7b connection a subscriber CDI loop or a DIBITS CDI?
A85	The 7b interface to the DEOS is a subscriber loop. The 7b interface to the DITS can be either a subscriber loop or DIBITS.
Q86	In Figure 3.6, are the 6d connections at the DEOS and DITS extensions of the subscriber CDI loops, 7b connections, at the DITS?
A86	This is a two part question. Part 1. The 6d interfaces are conditioned diphas subscriber loop interfaces. Part 2. See A85
Q87	Does the PTT requirement apply to the 6a, 6b, 6d, 6e, 7a, 7c, 7d, 7e, 3a and 3b?
A87	No. See TSM0005.
Q88	Page H-2 Section H-4 - Government Furnished Property. Only KIV-19 will be provided GFE. This is not consistent with TSM-PS-03-001
A88	Page H-2 Section H-4 will be modified to reflect Microsoft Windows 2000 and Microsoft Office 2000 as GFM.
Q89	Section I, Contract Clauses - FAR/DFAR Clause Updates <ul style="list-style-type: none"> • FAR 52.203-8, Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity. No date provided. Please add JAN 1997. • FAR 52.203-12, Limitation On Payments To Influence Certain

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	<p>Federal Transactions (JUN 1997). <i>Recommend update to JUN 2003.</i></p> <ul style="list-style-type: none"> • FAR 52.223-3, Hazardous Material Identification and Material Safety Data (JUN 2003). <i>Could not locate JUN 2003 version of clause. Please provide.</i> • FAR 52.223-5, Pollution Prevention and Right-to-know Information (APR 1998). <i>Recommend update to AUG 2003.</i> • FAR 52.223-6, Drug Free Workplace (MAY 2001). <i>Could not locate MAY 2001. Is MAR 2001 the correct date?</i> • FAR 52.223-14, Toxic Chemical Release Reporting (JUN 2003). <i>Recommend update to AUG 2003.</i> • FAR 52.225-13, Restriction on Certain Foreign Purchases (JUN 2003). <i>Is OCT 2003 the correct date?</i> • FAR 52.227-1, Authorization and Consent (JUL 1995) and (APR 1984). <i>Recommend deletion of APR 1984.</i> • FAR 52.232-8, Discounts for Prompt Payment (FEB 2002). <i>Could not locate FEB 2002 version of clause. Please provide.</i> • FAR 52.232-25, Prompt Payment (FEB 2002). <i>Recommend update to OCT 2003.</i> • FAR 52.232-33, Payment by Electronics Funds Transfer - Central Contractor Registration (MAY 1999). <i>Recommend update to OCT 2003.</i> • FAR 52.242-3, Penalties for Unallowable Costs (MAY 2001). <i>Is MAR 2001 the correct date?</i> • FAR 52.245-17, Special Tooling (DEC 1989). <i>Recommend update to JUN 2003.</i> • FAR 52.247-63, Preference For U.S. Flag Air Carriers (JAN 1997). <i>Recommend update to JUN 2003.</i> • DFAR 252.225-7010, Duty-Free Entry--Additional Provisions (AUG 2000). <i>Clause has been reserved and removed. Please clarify.</i> • DFAR 252.225-7032, Waiver of United Kingdom Levies (OCT 1992). <i>Recommend update to APR 2003.</i> <p>FAR 52.244-6, Subcontracts for Commercial Items (DEC 2001). <i>Recommend update to APR 2003.</i> Some FAR/DFAR clauses are not the current version or could not be located. With respect to clauses that could not be located, please note that the contractor conducted an exhaustive search of CCH and Government websites. Recommend that the Government update FAR Clauses to the most current version as specified above. Also, request that the Government provide clauses that could not be located.</p>
A89	All clauses will be updated to the current version.
Q90	Section K, Representations, Certifications and Other Statements of Offerors or Respondents - DFAR Clause Clarification. DFAR 252.225-7003, Information for Duty-Free Entry Evaluation (APR 2003) DFAR 252.225-7003 is now entitled "Report of Intended Performance Outside the United States" Please clarify.
A90	See A89.
Q91	Section L-4 b. 2)- Proposal submission: ...using Microsoft Windows suite of applications... Requirement does not state version of MS Word, EXCEL, etc. Some newer MS applications cannot be opened by earlier versions. Please state which version of MS applications the government has so that contractor can save to correct version.

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A91	Microsoft Office 2000.
Q92	<p>Section H, H.12 - Notice of Contractor Advisors to the Source Selection Panel: Offerors are advised that the Government may use the following contractor support:</p> <p>MITRE 2750 Killarney Drive Woodbridge, VA 22192-4124</p> <p>As source selection advisors (Contractors shall not rate proposals). With your proposal please provide offeror's consent for review of its proposal information by the above named contractor advisors. If offeror's consent is not provided, contractors will not review offeror's proposal data that is marked with the restrictive legend identified in FAR 52.215-12. Disclosure of competition sensitive information to third parties. Please confirm that a Non-Disclosure Agreement prohibiting the disclosure of contractor proposal information to parties other than the proposal reviewers is in place between MITRE and the Government. Also, please confirm that MITRE will not have access to proposal Volume VI. Cost/Price.</p> <p>Finally, FAR 52.215-12, Subcontractor Cost or Pricing Data, does not contain any restrictive legend. Please clarify.</p>
A92	Necessary documentation is in place with MITRE Corporation, which prohibits disclosure of information to third parties.
Q93	Section B - CLINs 0022, 0023, and 0024: The solicitation (Section G, Note A, page G-4) states that the period of performance of the contract is five years plus two one-year options. The aforementioned CLINs, however, are not broken down in a manner that permits yearly pricing. It is recommended that the Government modify Section B to reflect separate pricing for each year of the contract.
A93	CLIN 0022, 0023 and 0024 are correct as stated, Government did not intend for Offerors to provide yearly prices for these CLINs.
Q94	Section B - CLINs 0028 - 0031: The solicitation (Section G, Note A, page G-4) states that the period of performance of the contract is five years plus two one-year options. The aforementioned CLINs, however, are not broken down in a manner that permits yearly pricing. It is recommended that the Government modify Section B to reflect separate pricing for each year of the contract.
A94	OPTION CLINs will be incorporated for CLINs 0028 through 0031 for the out years.
Q95	Section B, CLINs 0043AF and 0043AG - CLINs 0043AF and 0043AG are both for Exhibit K006, Test/Inspection Report (Production Acceptance Test). Duplicate CLINs. Please delete one CLIN.
A95	See A29.
Q96	Page L-11 Section L-4 f. 1) - Executive Summary: Provide a top level summary of the entire proposal. Typically, the Government does not desire Cost/Price information in the ES. Please clarify whether or not the Government desires Cost/Price information in the Executive Summary.
A96	The Government does not desire Cost/Price information in the Executive Summary.
Q97	Solicitation item 9. & Section L, L-4b (p.L-7) - Proposal

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	Submission: Solicitation & Section L number of copies do not match. We assume that Section-L numbers are correct (1 signed & 12 copies of the submittal are required.). Please confirm.
A97	See A12.
Q98	Page M-8 Section M-3.2.a. - Factor M.1 - IMP and IMS: "The Gov't will evaluate the degree to which the offeror's component selection demonstrates sound business and technical judgement. Section L does not require any discussion of the component selection process or results. Section M-3.2.a. indicates that the Government will evaluate component selection as part of the evaluation of the IMP and IMS. Section L does not appear to require including any information about component selection in the Management volume in general nor the IMP/IMS specifically. Please clarify.
A98	As specified in Section M-3.2.a, "The Government will evaluate the degree to which the offeror's component selection demonstrates sound business and technical judgment."
Q99	<ul style="list-style-type: none"> • Section L, Instructions, Conditions, and Notices to Offerors or Respondent - FAR/DFAR Clause Updates • FAR 52.204-6, Data Universal Numbering System (DUNS) Number (JUN 1999). <i>Recommend update to OCT 2003.</i> • FAR 52.215-1, Instructions to Offerors-Competitive Acquisition (MAY 2001). <i>Is the correct date MAR 2001?</i> • FAR 52.215-16, Facilities Capital Cost of Money (OCT 1997). <i>Recommend update to JUN 2003.</i> • DFAR 252.204-7004, Required Central Contractor Registration (MAR 2000). <i>Recommend update to NOV 2001.</i> <p>Some FAR/DFAR clauses are not the current version Recommend that the Government update FAR Clauses to the most current version as specified above.</p>
A99	See A89.
Q100	SOW 3.8.4.1.3 - Response Time: The contractor shall provide a Return Material Authorization (RMA) within 24 hours of receipt of request from the Government. The contractor shall provide warranty replacement items to the Government within 10 calendar days after shipment of warranty item from the Government. The contractor does not know when the 10 day "clock" starts without proof of shipment of warranty item from the Government. It is necessary to obtain proof of shipment of warranty item to the contractor in order to meet this requirement. Recommend the Government change the language as follows... The contractor shall provide warranty replacement items to the Government within 10 calendar days after receipt of warranty item from the Government.
A100	SOW paragraph 3.8.4.1.3 will be changed to read " The contractor shall provide warranty replacement items to the Government within 7 calendar days after receipt of warranty item from the Government."
Q101	SOW 3.2.5.2.5 - Construction: Transit cases shall be constructed so that a water-tight seal is maintained by removable covers. Transit cases shall have low profile, nesting-type feet for stacking purposes, both top and bottom. External latches shall be provided for latching cases for storage purposes. Transit cases shall be provided with a pressure relief valve. The construction and mounting of the TSM system components in the transit cases

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	shall provide ready access to all displays, indicators, mechanisms, and controls required for system operation. The center of gravity for each case shall be centrally located but below the center of case vertically. The requirements in the third sentence are not clear. We interpret the latch requirement to mean latches for transit case covers during operational mode. Please clarify. Is the latch requirement for storage of transit case covers in the operational mode or to latch transit cases together?
A101	External latches will be used for securing transit cases during non-operational mode. The requirement is in PS 3.2.5.2.5.
Q102	<p>TMCR TSM-03 and CDRL S004 - Final Production ETMs: The SCOPE paragraph in TMCR TSM-03 (page 2) states "The contractor shall deliver final production ETMs (to include changes resulting from training, tests, reviews, and hardware changes) for delivery with production hardware systems."</p> <p>CDRL S004 states "Deliver final (ETM) by DD250, concurrent with first system". Contractor needs to know if "first system" is considered "production hardware systems". If "first system" is used for training and tests, and is considered "production hardware systems", how will contractor be able to deliver final ETMs that include changes resulting from training and tests? Please clarify.</p>
A102	Government reviewed comments; adequate information in the TMCR has been provided to answer this question.
Q103	<p>TMCR ¶3.3.1, ¶3.4.1.13 & ¶3.4.2.9 - Front Cover CHAPTER 9 -Repair Parts List References to Attachments #1, #2 & #3 - No Attachments Please provide attachments</p>
A103	See A4.
Q104	Purchase Specification. Figure 3.6 & ¶ 3.1.2.1 TSM0005 - DEOS and DITS Interfaces: Table of Interfaces - Table in TSM 0005 references an RSAM interface to an AN/MRC-142. Figure 3.6 does not identify an RSAM interface to the AN/MRC-142. Requirements are unclear. Please update Figure 3.6 to identify the connectivity and type of interface between the RSAM and the AN/MRC-142.
A104	See A39 and A46.
Q105	PS 3.1.3.1.5 / TSM0037 - DEOS Signal/Power Entry Panel: Lightning and EMP protection shall be provided on all SEP interfaces. The SEP shall provide a ground terminal lug. Signal cable shields, e.g., CX-11230, shall be connected internally to the SEP ground terminal lug. Each interface on the SEP shall be identified with metal labels that are secured with rivets. Metal labels secured with rivets adds unnecessary cost. There are alternative ways to provide SEP identification that are more cost effective. Riveted labels take more space on the SEPs. Will the Government allow for SEP identification other than metal labels that are secured with rivets? For example, silkscreen identification.
A105	Each reference in PS to "Metal labels secured with rivets" will be changed to reflect "Each interface on the SEP shall be identified in accordance with paragraph 3.3.3." of the PS.
Q106	PS 3.2.5.2.9 / TSM0103 - Transit Case Wiring: All connectors exposed to the weather shall have captive waterproof covers. Many connectors will be COTS-type connectors. Typically these connectors are water-resistant type connectors and it would add

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	<p>significant cost to change the connectors to waterproof. Other programs have been successfully fielded without waterproofing COTS connectors. In addition, the PS has been changed for the operational environment per TSM0123. Where appropriate, will the Government allow COTS connectors?</p>
A106	Yes, where appropriate, and in accordance with TSM0113.
Q107	<p>Purchase Specification. ¶ 3.1.3.1.5 TSM0038b TSM0038b refers to a "contractor furnished cable distribution system..." The requirements are unclear as to types, quantities and lengths of distribution required. The "lightning protected (per paragraph 3.2.7.11), single or multi-port breakout adapters or distribution boxes" reference is unclear.</p> <p>The requirements for the "contractor furnished cable distribution system" are unclear. Significant design variations will exist depending on how requirement is interpreted. Please clarify.</p> <ol style="list-style-type: none"> 1) Is the contractor required to provide cabling (e.g. reels of cable etc.) between the lightning protection devices and the end-user devices? 2) If cabling between lightning protection devices and users are required, please specify distances, number of locations and numbers of subscribers at each location to be supported. 3) Please clarify. Does "distribution boxes" refer to J-1077 boxes? <p>Is the contractor required to provide RJ11, RJ45 and bare wire interface types? If so, please specify mix and quantities.</p>
A107	<p>This is a four part question.</p> <p>Part 1: No, the contractor is required to furnish a cable distribution system using lightning protected (per paragraph 3.2.7.11), between the signal entry panel and the single or multi-port breakout adapters or distribution boxes.</p> <p>Part 2: Not applicable, see part 1 above for A107.</p> <p>Part 3: No. The contractor is required to provide a cable distribution system using lightning protected (per paragraph 3.2.7.11), single or multi-port breakout adapters or distribution boxes per TSM0038b. The single or multi-port breakout adapters or distribution boxes will be determined by the contractor furnished design.</p> <p>Part 4: See part 3 above for A107.</p>
Q108	<p>Performance Spec 4.5.1 First Article Test and SOW 3.7.4 Integration Test and SOW 3.7.6 First Article Test; CDRL K002 & K004 - PS 4.5.1 FAT ". . . FAT consists of Hardware Testing and System Integration Testing (SIT)." SOW states that FAT and SIT are separate tests. CDRL K002 states "First Article Test" and CDRL K004 states "System Integration Test." There appears to be a conflict between the SOW, PS, and CDRLs K002 and K004. Please clarify the FAT and SIT requirements.</p>
A108	See SOW paragraph 3.7.6. and Section H paragraph H.1.
Q109	CDRL S005 - Technical Manual Contract Requirement, Commercial-Off-the-Shelf (COTS) Manual and Associated Supplemental Data: CDRL

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	S005 appears to be a duplicate of CDRL R001. Requirements are identical. Is CDRL S005 a duplicate of CDRL R001? Please clarify.
A109	See A24.
Q110	J-2, CDRLs: Blocks 10 through 13 and 16. - Delivery Requirement Conflict: The information in Blocks 10 through 13 and 16 is inconsistent. Block 16 contains more/differing detail than Blocks 10 through 13. In the event of conflicting direction provided by Blocks 10 through 13 and 16, should contractors assume that the direction provided in Block 16 prevails?
A110	Yes.
Q111	Section J J-1 - Documents: Document dates on SOW, & Performance Specification do not match those on Final RFP. Proper document dates are unclear. Please clarify dates.
A111	Section "J" J-1 will be updated with the correct dates.
Q112	Section L, L-4b4 (pg L-7) - Some versions of MS Project are not backward compatible. Please specify required version of MS Project.
A112	Microsoft Project 2000.
Q113	Section L, L-4f4 (pg L-12) - Proposal Submission: Specifies MS Project, but not version. Some versions of MS Project are not backward compatible. Some versions of MS Project are not backward compatible.
A113	See A112.
Q114	Section L, L-4f4 (pg L-12) - Technical Approach: The indenture for list items in Component Matrix appears to be missing. The items required for the Component Matrix is unclear. Please clarify the items required for the Component Matrix. It is assumed that only Vendor, Model, Config/Circuit Card Mix, Software versions are required. Is this correct?
A114	This is correct.
Q115	Performance Specification, ¶3.1.3.1.1.3.j TSM0023 (p. 21) - Circuit Switch Features: R2 signaling, based on figure 3.6, will be a seldom-used protocol in TSM. Many vendors' circuit switches require a separate physical circuit card to support the R2 protocol. Installing the R2 card in the circuit switch, thus powering the card, when not used will shorten the lifetime of the card unnecessarily. Lifetime of equipment. We suggest that an R2 signaling card (if required) be permitted to be part of the circuit switch configuration card set.
A115	TSM0023j requirement will be relocated to TSM0021 to allow this capability in the configuration kit.
Q116	Performance Specification, ¶3.1.3.1.5 TSM0037 & TSM0038 (p. 24) - DEOS Signal/Power Entry Panel: TSM0037 requires all SEP/PEP appearances to have lightning and EMP protection. TSM0038, however, describes several interfaces (specifically, Administration serial, timing & stacking) that will be used to connect to devices local to the DEOS (or between DEOS components). The short distances are dictated by applicable standards (i.e., RS-232), or functionality (e.g., intra-DEOS) required. Adding lightning & EMP protection for these short-distance interfaces will add weight, volume, cost & complexity to the DEOS design with little benefit. Direct strikes on these cable will be a direct strike on the TSM, while indirect strikes would be protected by the other interface types. Lightning protection on localized connections (e.g., serial administration, timing &

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	stacking) has been shown to be ineffective. We suggest that TSM0037 be modified to exclude lightning protection from DEOS Administration serial, external timing/clock, Stacking/bus termination connectors.
A116	The first sentence in TSM0037 has been amended as follows: "Lightning and EMP protection shall be provided on all SEP interfaces except for items a, c, and d below."
Q117	¶3.1.3.1.1.1.1 Circuit Switch Standard Interfaces TSM0020c (p. 19) ¶3.1.3.1.5 TSM0037 & TSM0038 (p. 24) - Circuit Switch Standard Interfaces & DEOS Signal/Power Entry Panel: DEOS T1/E1 connections are not required to appear on the SEP. Lightning & EMP protection is required on all DEOS SEP connections. Requirements are unclear for T1/E1 lightning protection. Is the contractor required to supply lightning & EMP protection on the six (T)/eight (O) DEOS T1/E1 interfaces appearances?
A117	TSM0037 requires lightning and EMP protection shall be provided on all SEP interfaces except for items a, c, and d below. In addition, TSM0038 requires subscribers required by TSM0020 and TSM0021 shall be able to connect to the DEOS via a contractor furnished cable distribution system using lightning protected (per paragraph 3.2.7.11), single or multi-port breakout adapters or distribution boxes. The implementation of these requirements shall be part of the vendor provided design.
Q118	Performance Specification, ¶3.1.3.1.1.1.5 TSM0025 (p. 21-22) - Commercial Circuit Switch Management and Administration: Requirements are unclear as to whether a dial-up modem must be supplied by the contractor. TSM0025 requires dial-up modem access; however, it is unclear as to whether the dial-up modem is to be contractor furnished equipment. Please clarify. Is a DEOS dial-up modem required to be supplied by the contractor?
A118	Yes. A dial-up modem capability is required as described in paragraph 3.1.3.1.1.1.5. The implementation of this requirements will be vendor specific in that a modem capability may or may not be an integral part of the Circuit Switch.
Q119	Performance Specification, ¶3.1.3.1.4 TSM0036 (p. 24) & Figure 3.6 (p.17) - Channel Service Unit (CSU)/Digital Service Unit (DSU): TSM0036 and Figure 3.6 describe a CSU/DSU with T1 port-side interfaces, yet the reference to DTE Terminal Timing implies a serial port-side interface. CSU/DSU port-side requirements are unclear. 1) Is the CSU/DSU required to support both a T1 and a serial interface? That is, is a drop-and-insert type capability required for the CSU/DSU? 2) If a serial interface is required, please identify the interface type (e.g., RS-232, RS-530, V.35, etc.)
A119	This is a two part question. Part 1. No, a serial port-side interface is not implied. The CSU/DSU selection will be vendor driven. A drop and insert capability is not required for the CSU/DSU. Part 2. Not applicable. See A119 part 1.
Q120	Performance Specification, ¶3.1.3.1.4 TSM0036 & ¶3.1.3.1.5 (p. 24) - Channel Service Unit (CSU)/Digital Service Unit (DSU) & DEOS Signal/Power Entry Panel. ¶3.1.3.1.5 does not address SEP appearances for the internally-mounted CSU/DSUs. Requirements are unclear. Please identify any CSU/DSU interfaces that are required

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	to be brought to the DEOS SEP.
A120	The SEP interfaces beyond those required in the performance specification will be determined by the vendor provided design.
Q121	<p>Performance Specification, ¶3.1.3.1.4 TSM0036 & ¶3.1.3.1.5 (p. 24) - Channel Service Unit (CSU)/Digital Service Unit (DSU) & DEOS Signal/Power Entry Panel: TSM0057 requires lightning protection for all DEOS SEP interfaces. Lightning protection is not addressed for either the local or remote CSU/DSUs. Requirements are unclear.</p> <p>1) Is lightning/EMP protection required to be provided for the <u>internally mounted</u> CSU/DSU interfaces (either or both port-side & network-side)? Please clarify.</p> <p>2) Is lightning/EMP protection required to be provided for the <u>remote</u> CSU/DSU interfaces (either or both port-side and network-side)? Please clarify.</p>
A121	The selection of a CSU/DSU will be vendor driven. The type selected will have an impact on how lightning protection is provided. A specific CSU/DSU may have an integral lightning protection capability and therefore may not require additional protection.
Q122	<p>Performance Specification, Figure 3.6 (p.19) & ¶3.1.3.2.a TSM0041 (p. 25) - Remote Subscriber Access Module: Figure 3.6 illustrates CSU/DSU connectivity for RSAM-to-DEOS and RSAM-to-DITS. TSM0041 requires both a local and remote CSU/DSU for the RSAM.</p> <p>It is assumed that RSAM-to-DITS connectivity will utilize the RSAM local and remote CSU/DSUs. It is unclear, however, whether a remote CSU/DSU is required for RSAM-to-DEOS connectivity. Requirements are unclear as to whether RSAM CSU/DSUs must be network-side compatible with DEOS CSU/DSUs. Is the RSAM CSU/DSU required to be network-side compatible with the DEOS internally-mounted CSU/DSUs?</p>
A122	The selection of a CSU/DSU will be vendor driven.
Q123	<p>Performance Specification ¶3.1.3.2c TSM0043 (p. 25) - Remote Subscriber Access Module: TSM0043 requires reserve power "to all components of the RSAM". According to TSM0041, "all components" would include a remote CSU/DSU. It is unclear whether the government is requiring reserve power for the RSAM Remote CSU/DSU. Is reserve power required to be provided for the distant end CSU/DSU, as identified in TSM0041?</p>
A123	No. Reserve power is not required for the distant end CSU/DSU.
Q124	<p>Performance Specification, ¶3.1.3.3.1.5 TSM0051, TSM0052, TSM0053 (p. 26-27) - Voice Call Compression and Echo Cancellation: TSM0052 requires echo cancellation for 66% of DS0 channels. TSM0053 also requires echo cancellation for the remaining channels. As TSM0051 did not specify that echo cancellation be provided for 100% of T1 DS0 channels, the TSM0053 requirement could be interpreted to require only the ability to echo cancel (i.e., use some capability from TSM0052). Requirements are unclear. Please clarify. Is echo cancellation required for 100% of the required T1 DS0s simultaneously? If so, please update TSM0051.</p>
A124	TSM0051 will be revised as follows: "The TRC shall provide call compression methods for voice calls to reduce trunk bandwidth. Voice Call Compression and Echo Cancellation shall be provided for 100% of the required T1 DS0 channels as described in paragraphs a

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	and b below.”
Q125	Performance Specification, ¶3.1.3.3.1.7.1 TSM0056 (p. 27) & ¶3.2.7.11e TSM0127 (p.38) - TRC Standard Port Interfaces: TSM0056 identifies TRC portside interfaces and describes methods used to access to these interfaces. TSM0057 requires wireline circuits terminating on the DITS to be lightning protected. Requirements are unclear for TRC port-side lighting protection. Please clarify requirement. Are the DITS TRC ports interfaces, as identified in TSM0056, considered wireline circuits, thus requiring lightning protection 15’ from the DITS?
A125	No. This will be determined by the vendor provided design.
Q126	Performance Specification, ¶3.1.3.3.1.7.1 TSM0056a (p. 27) - TRC Standard Port Interfaces: TSM0056a identifies port-side interfaces with multiple signal interface types (i.e., EIA-530 & CDP). It is unclear whether the CDP interface is balanced or unbalanced (or both). Quantities and types of adapter cable/SEP appearances are unclear. 1) Are the CDP interfaces, identified in TSM0056a, balanced or unbalanced, or both? 2) If both CDP balanced and CDP unbalanced are required, is the contractor responsible for providing adapter cables/SEP interfaces for both types of interfaces? Please provide quantities.
A126	This is a two part question. Part 1: The CDP interfaces can be both balanced and or unbalanced. Part 2: This will be determined by the vendor provided design.
Q127	Performance Specification, ¶3.1.3.3.2.5 TSM0067 (p. 30) - DITS Signal/Power Entry Panel: TSM0067 requires lightning and EMP protection on all DITS SEP interfaces. Several interfaces (such as TSM0067a, b & e) are used as intra-DITS interfaces. Lightning protection on short-distance cabling has been shown to be ineffective. Adding lightning protection for these short-distance interfaces will significantly impact the DITS design. We suggest that TSM0067 be modified to require lightning protection on only those interfaces that connect to long-distance cabling (i.e., CX-11230 modem interfaces).
A127	TSM0067 will be revised to include: “Lightning and EMP protection shall be provided on all SEP interfaces except for items b, c, and d below.”
Q128	Performance Specification, ¶3.1.3.3.2.6 TSM0069 (p. 30-31) - DITS Man-Machine Interface: TSM0069 identifies a dial-up modem port connection. It is unclear, though, whether or not the contractor is required to provide a dial-up modem. Requirement is unclear. Is the contractor required to provide a dial-up modem, or is the modem assumed to be gaining-unit supplied?
A128	See A118.
Q129	Performance Specification, ¶3.3.1.6 TSM0143 (p. 40) & ¶3.2.7.11 TSM0127 (p. 38) - Transit Case Grounding Scheme: TSM0127 requires lightning protection 15 feet from the DEOS and DITS SEPS. TSM0143 does not discuss ground straps to these lightning protection devices. Unclear whether contractor must supply Ground Straps for lightning protection devices. 1) Is the contractor required to

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	<p>provide ground straps for the external lightning protection devices? 2) If so, please update TSM0143 to indicate required lengths and quantities.</p>
A129	No.
Q130	<p>Performance Spec TSM009, TSM 0145, TSM0146 - Electromagnetic interference/ Electromagnetic Compatibility: : COTS equipment will generally comply with FCC EMI standards listed in TSM0145. The FCC EMI standards are much more relaxed than the MIL-STD-461 standards specified in TSM0146. The TSM comprised of COTS will not comply with several of the MIL-STD-461 tests in TSM0146, specifically, CE102, RE102 due to the use of COTS equipment.</p> <p>In addition, several unshielded legacy cables (WF-16, CAT5) operating at high data rate (T1/E1 and 10BT rate) will not comply with the MIL-STD-461 specified in TSM 0146. The TSM will not comply with RE102, and possibly CS115, CS116 and RS103 due to the use of the government specified user cable (WF-16). Compliance with these requirements is achieved by either shielding the user cables, or filter the cable interface. WF-16 is unshielded, and cannot be filtered below approximately 20 MHz due to the required data rate of up to 1.544MB/s. CAT5 is unshielded and could not be filter below 100MHz due to the data rates up to 10 MB/s. However EMI compliance is required as low as 2 MHz. STD-461, the following would need to be done:</p> <ol style="list-style-type: none"> 1. All COTS equipment will have to be repacked in a shielded enclosure. 2. The WF-16 field wire will have to be replaced with shielded cable since filtering can not be used to reduce RE102 emissions below 30 MHz without affecting the intended T1/E1 signals <p>All CAT5 users cables will have to be replaced with shielded cable filtering cannot be used to reduce RE102 emissions below 100 MHz without affecting the intended IEEE802.3 10 MB/s signal.</p> <p>Recommend revised wording as follows"</p> <p>"TSM0146-The TSM shall minimize Electromagnetic Interference (EMI) with other C4I systems. Characterization test to the following MIL-STD-461E requirements will be performed on the TSM: CE102, CS101, CS114, CS115, CS116, RE102, RS103."</p>
A130	The Government will keep TSM0146 as is, with the exception of changes referenced in A82 A81.
Q131	We request an extension to the proposal delivery and recommend a new delivery date of 18 December 2003.
A131	The Government does not believe an extension of the date for receipt of proposal is necessary at this time.
Q132	Is the subject TSM RFP available in MS Word and MS Excel format instead of .pdf (acrobat)? Since your RFP request response in MS format (Word and Excel) they would be extremely helpful to have the complete RFP electronically in the same MS format. Otherwise we will have to convert the files and this is very time consuming to our efforts. If at all possible please e-mail the complete RFP to my attention as an attachment in MS format (Word and Excel) ASAP.
A132	See A3.

TSM INDUSTRY QUESTIONS AND GOVERNMENT RESPONSES – PART I

Q133	Re:A48 With respect to the answer provided just to clarify, will the last sentence in TSM0046 and TSM0017 be deleted?
A133	Yes.
Q134	When can we expect the RFP will be available in MS format - Section B in excel format?
A134	The RFP will be available in MS Word format at the same time the amendment is released. Schedule B was developed in MS Word format and is not available in Excel.
Q135	Can you expand on your explanation of A72?
A135	Offerors are expected to meet all requirements of the RFP.
Q136	Is the government providing a library for referenced documents in the RFP? If so, provide location and access directions.
A136	Yes. Location will be provided.
Q137	Will the government be providing the attendance list for the pre-proposal conference?
A137	Yes. The attendance list will be provided as part of the pre-proposal conference amendment.
Q138	Is the vendor expected to provide the 2 mile cable between the RSAM and the DEOS?
A138	No. Reference TSM0009.
Q139	Is it the government's intention that the equipment will never be operated in a below freezing requirement?
A139	TSM0115 states: "The TSM shall operate normally in temperatures from 0 to 40 degrees C (+32 to +104 degrees F)."
Q140	Will the government accept alternate proposals?
A140	Yes. However, offerors should make sure their proposals meet all RFP requirements.
Q141	Re:A4 We are unable to locate attachments 1,2 and 3 for the TMCR.
A141	The attachments to the TMCR were posted on 10/20/2003. If necessary, they will be reposted.
Q142	Will the government consider option CLINs for non-evaluated criteria?
A142	Please clarify the question.
Q143	Is it the government's intention to perform OT&E during the 100-day government test window? Reference page I-9, FAR 52.209-4, First Article Test Approval, Government Testing.
A143	Yes
Q144	Please provide specific requirements for Voice over IP. Will it be for trunk use only, or for IP to handsets as well?
A144	The Marine Corps currently does not have IP handsets in inventory. The current VoIP objective requirement is initially targeted at bandwidth efficiency and eventual network convergence.
Q145	With the new public law concerning JITC certification for all PBX and networks that connect to the Defense Switched Network, will the TSM voice switch element be required to be JITC certified?
A145	Yes. Refer to PS TSM0031 and SOW paragraph 3.7.10.
Q146	TSM0026 and TSM0069 do not address virus protection software required on the TSM workstations? If so, will the software be provided as GFM?
A146	Yes. It will be added to the GFM list.
Q147	Re: A117 Please clarify. T1/E1 interfaces are neither required on SEP nor subscriber interfaces. Is it the government's intention that T1/E1 interfaces be provided w/ lightning and EMP protection?
A147	Yes. TSM0020 and TSM0038 will be modified accordingly.
Q148	TSM0067e lists modem DCE interfaces if required in accordance with

TSM INDUSTRY QUESTIONS AND GOVERNMENT RESPONSES – PART I

	TSM0059. TSM0059 indicates that the physical interfaces for the NRZ (DCE) side of the modem shall be brought to the patch panel in accordance with paragraph 3.1.3.3.2.4. Should the modem interface in TSM0067e refer to the modem DTE (i.e. CDICX-II230) interfaces? If so, we suggest amending TSM0067 to not require lightning protection on items b,c,d and e. If so, please update TSM0067 to identify modem DTE interfaces.
A148	TSM0067e will be deleted.
Q149	Re: A107 TSM0009 identifies legacy cable plant types. CX-4566 is included in this list. Is it the government's intention that TSM distribution provide adapters or interface to the CX-4566 cable interface? That is, is it intended that CX-4566 be the primary means of distributing multi-pair subscriber interfaces?
A149	Direct connectivity to CX-4566 or an adapter to CX-4566 must be provided. This solution will be determined by the offeror's design.
Q150	The answer to Q130 is unclear. It refers to "changes referenced in A82." A82 refers to VOIP vice EMI/EMC. Can you clarify this?
A150	Reference A82 will be changed to reference A81.
Q151	What is the anticipated contract award date?
A151	2 nd Qtr FY 04
Q152	Please explain the procedures for handling crypto for shipping and storage. Is the crypto to be installed and shipped at the factory?
A152	TSM will be shipped with crypto installed. Requirements for security of the equipment are provided in TSM0086 and TSM0087.
Q153	Although there have been several questions and answers posted regarding the requirement for the DITS to interface directly to the Promina 400/800 currently located in the JECCS and DTC, the questions nor the answers posted appear to address the fundamental issue. Given TSM0057's requirement to interface directly to the SA-TRK card, RFP respondents are limited to using a Promina by the proprietary nature of the trunk chosen. NET Federal's previous reluctance to publish this specification (such as the MIDAS program) precludes any other product from fulfilling this requirement. Although it is understood that TSM must interface with currently existing systems such as JECCS and DTC, which are based on the Promina products, it appears that the trunk choice specified eliminates competition. Alternatively, the currently deployed Prominas can support a standards-based ATM trunk (CellXpress). Allowing respondents to interface to this trunk fulfills Sec 3.4.2's preference for an open architecture and TSM0046's requirement for the TRC to support ATM. In addition, this alternative architecture would give the Marines a path by which to integrate to the newly introduced DISA Teleport Cell Relay Service for improved bandwidth efficiency over satellite links. Failure to allow such an alternative architecture, directs respondents to a choice of a single solution from a single vendor who has the ability to offer preferential pricing to particular respondents. This results in a situation in which an equipment manufacturer potentially has the power to influence the final vendor selection. Will the Marines consider such alternatives?
A153	Offeror's are encouraged to submit alternate solutions. However, offeror's should make sure that their proposals meet all RFP requirements.
Q154	What is the Anticipated Award Date?

TSM INDUSTRY QUESTIONS AND GOVERNMENT RESPONSES – PART I

A154	2 nd Qtr FY 04
Q155	As a follow up to Q67/A67 does the Government intend to provide for Milestone payments for the CLIN's that are priced as "1 lot?" If so, how will this be accomplished?
A155	No. The only CLIN's labeled as "1 lot" are the CDRLs and Spares. Milestone payments do not appear to be necessary.
Q156	If the Contractor identifies an enhancement or a future capability that may benefit the TSM Program, but it is not a contract requirement, may Contractors include an additional non-evaluated CLIN in its proposal?
A156	See A153
Q157	For the RSAM interface to the MRC-142, is this a port or aggregate interface to the RSAM? Similarly for the DEOS?
A157	The DEOS and RSAM network interface specified in the TSM0005 is defined in TSM0020 and TSM0040.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the

CONTRACT LINE ITEM NO.				B. EXHIBIT Q		C. CATEGORY: TDP <input checked="" type="checkbox"/> TM <input type="checkbox"/> OTHER <input type="checkbox"/>													
D. SYSTEM/ITEM TSM				E. CONTRACT/PR NO.		F. CONTRACTOR													
1. DATA ITEM NO. Q001		2. TITLE OF DATA ITEM PRODUCT DRAWINGS AND ASSOCIATED LISTS				3. SUBTITLE ENGINEERING/CONFIGURATION													
4. AUTHORITY (Data Acquisition Document No.) DI-SESS-81000B				5. CONTRACT REFERENCE SOW para 3.6.7.2		6. REQUIRING OFFICE MARCORSSYSCOM (PM)													
7. DD 250 REQ DD		9. DIST STATEMENT REQUIRED B		10. FREQUENCY ONE/R		12. DATE OF FIRST SUBMISSION See Block 16		14. DISTRIBUTION											
8. APP CODE				11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION See Block 16		b. COPIES											
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<p>16. REMARKS BLK 4 - Tailor DID DI-SESS-81002B: Para a: Delete words, "resulting from the work task described in 3.6.2 of MIL-DTL- 31000B." Requirements: Para 2: Delete the first sentence.</p> <p>BLK 9 - The following information shall be included on the deliverable: DISTRIBUTION STATEMENT B: Distribution authorized to U. S. Government agencies only; September 1995. Other requests for this document shall be referred to MCSC (CTQ), Quantico, VA.</p> <p>BLK 12 - Initial submission shall be 90 days prior to PCA. In-process technical review: The contractor shall submit a copy of the completed drawing package. Comments resulting from the Government in-process technical review will be furnished within 60 days of receipt of the drawing package. All submissions of this deliverable shall be in accordance with applicable DID.</p> <p>K 13 - The contractor shall review the Government comments, make corrections to the entire drawing package and resubmit all new and revised drawings within 45 days of receipt of Government comments. Government comments, whether directed against a specific drawing or made as a general comment, may apply to other drawings which have not been reviewed by the Government. Resubmitted drawings and other drawings not previously reviewed, will be subjected to another technical review by the Government. Any additional comments generated as a result of subsequent technical reviews will also be furnished to the contractor for action. This process will be repeated as necessary. Response time for each submittal thereafter will be 30 days. All Government comments shall be incorporated prior to any subsequent submissions.</p> <p>BLK 14 - In-process technical review: Blue/Black line (in accordance with the Attachment to this CDRL). In-process submittals shall be by LT. Final delivery: One complete set of digital Data format (in accordance with the Attachment to this CDRL). Final submittals shall be by DD Form 250.</p>						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: left;">MCSC: PMM122</td> <td></td> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td style="text-align: left;">Albany, GA: C4I</td> <td></td> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td style="text-align: left;">Final: Albany, GA: C4I SR (A)</td> <td></td> <td></td> <td style="text-align: center;">1</td> </tr> </table>		MCSC: PMM122		1		Albany, GA: C4I		1		Final: Albany, GA: C4I SR (A)			1
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17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY Randy Jones		H. DATE 29 Oct 03		I. APPROVED BY Theresa M. Cort		J. DATE 10/29/03	
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TSM

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