SD-26

DMSMS Contract Language
Guide Book

DEFENSE STANDARDIZATION PROGRAM OFFICE

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Foreword

We all know how important diminishing manufacturing sources and material shortages (DMSMS) management is. It enables the early detection of DMSMS issues, before they can impact schedule or readiness. Furthermore, the earlier an issue is identified, the lower the cost to resolve it.

DMSMS management may be performed by the prime contractor, the program management office, or by an organization external to the program office. That organization may be a commercial company, or a government organization with subject matter expertise, or a combination of the two.

When contracting for DMSMS management there is only one way to guarantee that you'll get what you want from a contractor. Requirements must be written in a clear, unambiguous way and those requirements must be fully funded. That's where this DMSMS contracting guide comes into play; it tells you exactly what to do. It explains the DMSMS management requirements that a program office should consider and further indicates which of those requirements apply as a function of the responsibilities assigned to the contractor throughout a program's life cycle. Sample contract language is provided along with the associated Contract Data Requirements Lists (CDRLs) and Data Item Descriptions (DIDs). Additionally, the concepts in this guide can be tailored to situations where another government organization is providing the DMSMS management services.

This DMSMS management contracting guide is exactly what a program office needs to ensure that critical requirements are not being eliminated during contract negotiations. I urge you to read it thoroughly and use it, not only on future contracts but also for modifications to ongoing contracts. Its application will save money and avoid many difficult problems over a program's life cycle.

Gregory E. Saunders
Director
Defense Standardization Program Office

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Language for Inclusion of DMSMS Considerations in DoD Acquisition Contracts

All Department of Defense (DoD) acquisition program offices must deal with Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues over the life cycle of acquisition programs, from conceptual design to disposal. On January 19, 2017, the Office of the Assistant Secretary of Defense called for all programs to implement obsolescence management planning, including a DMSMS Management Plan, no later than Milestone B in their Life-Cycle Sustainment Plan (LCSP).[1] Because contractors generally play a large role in all phases of acquisition programs, DoD acquisition contracts normally contain provisions relating to DMSMS management. The purpose of this paper is to assist DoD program offices in preparing DMSMS provisions in contracts by providing representative contract language for various aspects of DMSMS management, depending on circumstances, such as the acquisition phase in which the program resides and its DMSMS management goals. The tables and appendices that follow fulfill that purpose. Table 1 provides the illustrative language and its applicability, Table 2 lists non-DMSMS sections of a contract where DMSMS concepts should be included, Table 6 lists Contract Data Requirements Lists (CDRLs) and related Data Item Descriptions (DIDs) referenced in this document, Table 4 lists non-DMSMS CDRLs and DIDs that should be present in the contract, and Appendix A suggests ways to fill out the CDRLs for different scenarios.

The role of contractors in DoD DMSMS management varies greatly, but most programs involve a division of responsibilities between the contractors and the government program office. At one extreme, contractors perform virtually all DMSMS activities, including finding ways to resolve DMSMS issues, their funding, and their implementation. Even in that extreme case, the program office is responsible to ensure the contractors perform those services responsibly and thoroughly,[2] submitting reports and data to enable such monitoring. This end of the spectrum is the most comprehensive from a contract language perspective.

The other extreme is for the program office to perform all DMSMS management functions. That is typically the case in the sustainment phase when the government provides all logistics support to the system. This may also be the case in earlier acquisition phases when the system is basically a commercial item,[3] and the contractor has no ability or expertise to address DMSMS issues. Whatever the reason, in this situation contract language requirements specific to DMSMS are minimal or nonexistent.

Because most programs fall between these two extremes, the illustrative language here covers a broad range of contractual arrangements for DMSMS management. It can then be used when relevant or tailored for the specific approach to DMSMS management the program office has taken. The contracting approach might change as the program progresses through acquisition phases, so both the relevance and the degree of tailoring in general depend on the acquisition phase and other factors.

Programs should avoid duplication of effort in DMSMS management. If the contractor and its subcontractors have robust DMSMS management capabilities and are properly tasked, the government may be able to rely on good reporting and metrics to properly oversee a system. Alternatively, the government may be best served by developing a DMSMS management program internally. In every instance, collaboration and timely communication between the program and the contractor will go a long way toward

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[1] Kristin French, memorandum to Assistant Secretaries of the Military Departments and Directors of the Defense Agencies, "Life-Cycle Sustainment Plan Outline Version 2.0," January 19, 2017.

[2] *SD-22 Diminishing Manufacturing Sources and Material Shortage.* Pages 117 and 119. January 2016. Defense Standardization Program Office.

[3] The word "item" is used throughout the document to refer to anything in the system and may include parts, software, materials, chemicals, etc.

instituting and maintaining a positive DMSMS management relationship. Neither party can effectively resolve DMSMS issues without involving the other.

A program best practice is to employ independent subject matter experts (SMEs), even if the prime contractor is already intimately involved in DMSMS management for the program. Independent SMEs can (1) assist the government in overseeing the prime contractor, particularly in terms of taking a life-cycle perspective; (2) give an independent perspective on issues and resolutions; (3) provide access to specialized tools, processes, data, and unique supplier relationships that may not be available to the prime contractor; (4) advise a program on formulating DMSMS contract language, securing bills of materials (BOMs), and other responsive, tailored support to meet specific needs; (5) serve as a central linkage to DMSMS activities and best practices in other programs; and (6) provide a conduit to improved access to supplier data in a competitive situation. Independent SMEs may also prove helpful during sustainment, if the government is entirely responsible for sustainment support and the prime contractor has little or no role.

Regardless of the DMSMS strategy used, the program needs to budget for and fully fund both the operational aspects of DMSMS management and the resolutions. There will always be some government involvement and almost always some contract involvement.

The tables that follow contain illustrative contract language, and related information keyed to specific DMSMS management tasks, for use in preparing a consolidated performance work statement (PWS) or SOW for contract DMSMS activities. The wording should be tailored to the specific program to blend with its acquisition strategy, product support concepts, competition strategy, technical data strategy, and intellectual property acquisition strategy (all likely contained in the program's acquisition strategy).

List of Tables

List of CDRL Templates

Table 1. Illustrative Contract Language for Areas of Potential DMSMS Requirements

No.	Title	Applicability	Phase	Illustrative Language
1.	Definitions	All contracts and phases. These definitions provide clarity in the use of DMSMS-specific language in clauses and DIDs.	All	Definitions. For the purpose of this part – **Bill of Materials (BOM).** List of the Items—including raw materials, subassemblies, intermediate assemblies, subcomponents, parts, chemicals, and software—and the quantities of each needed to manufacture an end product. The BOM may include additional information that enables the user to determine the precise location of an Item within an end product. **Commercial Item.** Any Item that meets the definition in 48 CFR 2.101, Definitions. **Diminishing Manufacturing Sources and Material Shortages (DMSMS).** The loss, or impending loss, of qualified sources, manufacturers, or suppliers that may cause shortages in the design, manufacture, sustainment, or disposal of an Item or system. **DMSMS Impact.** The negative effect of an Unresolved or Projected DMSMS Issue on the ability to produce or support an Item or its higher assemblies over its planned life cycle. **DMSMS Issue.** A problem related to the shortage or potential shortage of an Item caused by obsolescence, loss of qualified manufacturers or suppliers, legal or policy changes, etc. **DMSMS Management.** A multidisciplinary process to identify issues resulting from obsolescence, loss of manufacturing sources, or material shortages; to assess the potential for negative impacts on schedule or readiness; to analyze potential mitigation strategies; and then to implement the most cost-effective strategy. DMSMS Management typically falls into two approaches: Proactive DMSMS Management and Reactive DMSMS Management. **DMSMS Resilience.** A property of a design that reduces the likelihood of near-term DMSMS Issues and increases the probability of a quick recovery when they do arise. DMSMS Resilience is achieved by selecting long life-cycle Items, avoiding single sources of supply, using open architecture in designs, and other techniques. **DMSMS Risk.** The likelihood of a DMSMS Issue within a particular time frame, coupled with the severity of the consequences of that issue. An Item is considered a high DMSMS risk if a DMSMS Issue is likely during the period of performance or within X years of completion of the contract and if it will impede production, sustainment, or readiness.

Table 1. Illustrative Contract Language for Areas of Potential DMSMS Requirements

No.	Title	Applicability	Phase	Illustrative Language
				Item. Any part, assembly, software, material, chemical, etc., used in the manufacture, assembly, or operation of contract deliverables.
				Obsolete. Condition where the exact part number has no available manufacturing sources.
				Proactive DMSMS Management. An approach to DMSMS Management that attempts to identify DMSMS problems before an unfulfillable demand for the Item arises. This approach aims to resolve the issue before it impedes a system's production or sustainment.
				Projected DMSMS Issues. Predicted issues identified by the DMSMS monitoring process by contact with the manufacturer or other prediction techniques.
				Reactive DMSMS Management. Situation in which no attempt is made to identify DMSMS problems before an unfulfillable demand for the Item arises.
				Subcontractor. The subset of suppliers as defined in the FAR and 48 CFR § 44.101, Definitions, that provide Items that are not Commercial Items.
				Unresolved DMSMS Issues. DMSMS Issues identified as valid and determined to affect production or sustainment, but for which no solution has been approved by the responsible authority.
				Implementation note: This clause should be the first clause in the DMSMS section. For these definitions to apply, the terms must be capitalized in the body of the contract as they are in this section.
2.	DMSMS as a source selection criteria	Used in requests for proposals (RFPs) for all phases of acquisition to emphasize effective DMSMS Management. In an ideal situation, this would be part of a larger contract section containing other considerations for source selection. In cases where this is true, see Table 3, which lists things to look for in other contract sections. If no other source selection criteria exist, this clause may be used.	Any	Proposals shall be evaluated on the management approach and the adequacy of planning for mitigating DMSMS risks. Proposals that include DMSMS Management Plans defining their approach to Proactive DMSMS Management will receive more favorable ratings than those without such an approach. A Proactive DMSMS Management approach includes predictive forecasting strategies; Item list screening to the lowest level; Item list monitoring; matching of Items to the weapon system's environment across the vendor chain; methods for tracking, reporting, and mitigating DMSMS cases to avoid costly solutions; and a process to manage the Subcontractor's DMSMS efforts. *Implementation note: If a DMSMS Management Program is required, this clause can be used to develop the RFP source selection criteria.*

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No.	Title	Applicability	Phase	Illustrative Language
3.	DMSMS Management Plan	Used when a contractor or Subcontractor has any role in DMSMS management. (Some Subcontractors may manage DMSMS for subsystems directly for the government.)	At the preliminary design review (PDR) and thereafter	The Contractor shall develop, maintain, and implement an Intensity Level 3 DMSMS Management Plan IAW SAE STD-0016 Clauses 5 and 6 and Table A-1 for DMSMS Management. In addition, the plan shall address the following topics as they relate to DMSMS Management: long-lead time material, unique processes, tooling, and the impact of environmental regulations and policy such as Restriction of Hazardous Substances (RoHS) and Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH). The plan will be delivered IAW CDRL *XXXX* (see CDRL Template 11) using DID DI-MGMT-81948, DMSMS Management Plan. The target performance for the implemented plan is less than *XX* percent of all Items have current Unresolved DMSMS Issues or have unresolved, Projected DMSMS Issues expected to have a DMSMS impact within *XX* years of the date of the report. The performance of the plan will be evaluated by the DMSMS Health Assessment Report to be delivered IAW CDRL *XXXX* (see CDRL Template 10) using the DID DI-MGMT-82273, DMSMS Health Assessment Report. *Implementation note: Adjust the target performance threshold to the government's desired level. For instance, the Contractor could be required to provide a delivery with no known DMSMS Issues and no Projected DMSMS Issues that might affect the system within 2 years.*
4.	Participation in DMSMS Management Team (DMT) meetings	Used when the government desires contractor participation in DMT meetings.	Any	The Contractor shall attend DMSMS Management Team meetings either by teleconference or in person. The meetings will be used to review open cases, the most recent DMSMS Health Assessment Report, the most recent technology management plan, metrics, and other topics necessary in DMSMS Management. Meetings are expected to be held *(define periodicity here)* by teleconference and *(define periodicity here)* in person at *(define location here)*. *Implementation note: Define the periodicity and location of the meetings contractors will be required to attend.*
5.	Bills of Materials (BOMs) for DMSMS monitoring	Preliminary BOMs should be supplied to the government before PDR to enable review of proposed designs.	Technology Maturation and Risk Reduction (TMRR)	At PDR, to facilitate independent review and oversight of DMSMS Management, the Contractor shall submit preliminary, notional, or final BOMs, as appropriate, for the technology demonstration designs, including Subcontractor BOMs for all items that are not Commercial Items. All BOMs will be submitted IAW CDRL *XXXX* (see CDRL Template 4) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. *Implementation note: Alternatively, BOMs for designs could be requested when the designs are mature enough for review. This would enable the program to review them for DMSMS Resilient designs.*

Table 1. Illustrative Contract Language for Areas of Potential DMSMS Requirements

No.	Title	Applicability	Phase	Illustrative Language
		Full BOMs should be delivered to the government as they become available and when the design is updated or revised. BOMs enable proactive monitoring of parts for DMSMS Issues and the evaluation of proposed designs and engineering changes to ensure they do not include potential DMSMS problems.	Engineering and Manufacturing Development (EMD)	At CDR, to facilitate independent review of DMSMS Management, the Contractor shall submit BOMs for the CDR designs to the program office in an indentured format. These BOMs shall include Subcontractor BOMs for all items that are not Commercial Items. The Contractor shall provide updates as required for configuration changes during EMD NLT *60* days after such changes are finalized. All BOMs will be submitted IAW CDRL *XXXX* (see CDRL Template 4) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. *Implementation note*: Change the reporting timing to meet the needs of the government. *Implementation note*: Alternatively, BOMs for designs could be requested when the designs are mature enough for review. This would enable the program to review the designs for DMSMS Resilient designs.
			Production and Deployment PD Low Rate Initial Production (LRIP)	Prior to LRIP, to facilitate independent review and oversight of DMSMS Management, the Contractor shall submit updated BOMs for the production Items to the program office in an indentured format. These BOMs shall include Subcontractor BOMs for all Items that are not Commercial Items. The Contractor shall provide updates as required for configuration changes during LRIP No Later Than (NLT) *60* days after such changes are finalized. All BOMs will be submitted IAW CDRL *XXXX* (see CDRL Template 4) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. *Implementation note*: Change the reporting timing to meet the needs of the government.
			PD Full Rate Production (FRP)	Prior to FRP decision review, to facilitate independent review and oversight of DMSMS Management, the Contractor shall submit updated BOMs for the production Items to the program office in an indentured format. These BOMs shall include Subcontractor BOMs for all items that are not Commercial Items. The Contractor shall provide updates as required for configuration changes during production NLT *60* days after such changes are finalized. All BOMs will be submitted IAW CDRL *XXXX* (see CDRL Template 4) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. *Implementation note*: Change the reporting timing to meet the needs of the government.
			Sustainment	To facilitate independent review and oversight of DMSMS Management, the Contractor shall submit updated BOMs for the contracted items to the program office in an indentured format. These BOMs shall include Subcontractor BOMs for items that are not Commercial Items. The Contractor shall provide updates as required for configuration changes NLT *60* days after such changes are finalized. All BOMs will be submitted IAW CDRL *XXXX* (see CDRL Template 4) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. *Implementation note*: Change the reporting timing to meet the needs of the government.

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Table 1. Illustrative Contract Language for Areas of Potential DMSMS Requirements

No.	Title	Applicability	Phase	Illustrative Language
6.	List and description of software	Used if software is not included in the delivered BOMs. Used in the same fashion as the BOM clause, number 5 of this table.	Post Milestone B (MSB)	The Contractor shall provide a list of all software (including Commercial Items, custom Items, or any combination of firmware, middleware, wrappers, gateways, firewall, applications programs, operating systems, or third-party software) the system encompasses. The software list will be submitted IAW CDRL *XXXX* (see CDRL Template 16) using DID DI-IPSC-81442A, Software Version Description. *Implementation note*: This clause may be inserted if the DMSMS software requirements are not sufficiently addressed in the Software section of the contract.
7.	Technical Data	Used to obtain specific data as needed for DMSMS Issues.	Post MSB	1. The Contractor agrees to provide specific Items of technical data relevant to DMSMS Issues IAW CDRL *XXXX* (see CDRL Template 2) using DI-SESS-80776A, Technical Data Package, upon request of the program office. Technical data for Commercial Items should be limited to information available to the end customer of the product. 2. The Contractor shall provide a complete list of all assemblies in the end item IAW CDRL *XXXX* (see CDRL Template 3) using DID DI-SESS-81830, As Built Configuration List, to provide a reference for the full system.
8.	Logistics information	The government may require logistics data to validate proposed mitigations or to determine the correct mitigations of DMSMS Issues.	Post MSB	The Contractor shall provide data related to logistics demands and supplies for Items when requested IAW CDRL *XXXX* (see CDRL Template 1) using DID DI-SESS-81758A, Logistics Product Data.
9.	Monitoring activities	Monitoring should be required if the contractor and its subcontractors are expected to be responsible for DMSMS Management activities.	At PDR and thereafter	As part of its Proactive DMSMS Management, the Contractor shall do the following: a. Analyze the risks of all Items to determine those that should be proactively monitored for DMSMS Issues and those that should be handled reactively. The risk analysis shall be based upon criteria similar to that described in IEC 62402 Edition 2.0 2019-05 sections 9.1 and 9.3. b. The results of the analysis will be submitted to the government for approval IAW CDRL *XXXX* (see CDRL Template 8) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. c. The Contractor shall use predictive tools and methods to proactively forecast and monitor the Items identified by the risk analysis above for DMSMS Issues as described in IEC 62402 Edition 2.0 2019-05 section 9.2.

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No.	Title	Applicability	Phase	Illustrative Language
10.	Issue notification report	The government needs to know the DMSMS Issues discovered at all phases of the life cycle.	Post MSB	The Contractor shall provide a report IAW CDRL *XXXX* (see CDRL Template 6) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data, notifying the program office of DMSMS Issues and Projected DMSMS Issues within 1 week of discovering the issue. The government encourages informal reporting of DMSMS Issues and Projected DMSMS Issues to expedite the process. *Implementation note*: The government should determine the frequency of this report.
11.	Research and analysis of resolutions	Research and analysis of resolutions should be required if the contractor and its subcontractors are expected to be responsible for DMSMS Management activities.	At PDR and thereafter.	The Contractor shall research and analyze each DMSMS Issue to ensure the resolutions recommended to the program office consider total life cycle costs and sustainability. As part of the research and analysis, the Contractor shall consider health analysis reports, inventories, and demands to assess whether a DMSMS Issue will hinder system performance if not mitigated. The results of this analysis will be reported as cases IAW *Table 1, number 12, of this document.* *Implementation note*: Replace the italicized text with the appropriate clause used for case management and reporting.
12.	Case management and reporting	If the contractor is tasked to manage DMSMS cases, the government needs sufficient data to oversee its activities.	Post MSB	The Contractor shall operate and maintain a case management system. Cases shall be created for each valid DMSMS Issue resulting from item monitoring or any other source, including the Government and Industry Data Exchange Program (GIDEP) and the Defense Logistics Agency (DLA). The Contractor shall provide the program office with a monthly list of all open DMSMS cases IAW CDRL *XXXX* (see CDRL Template 5) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. (Alternatively, the last sentence can be replaced with the following: "The Contractor shall provide the government access to its case management system to view DMSMS cases and reports.") The Contractor shall also present the status of all open cases at the periodic DMT meetings and during programmatic meetings, such as the System Requirements Review (SRR), PDR, CDR, and PRR. The Contractor should emphasize open cases whose solution timeline will require government funding or will impede production or field readiness. *Implementation note*: The government should determine the frequency of this report.
13.	a. Contractor role in developing and funding DMSMS resolutions.	This clause is used to task the contractor to develop and fund DMSMS resolutions at a level determined by the program office.	Post MSB	The Contractor is responsible for formulating proposed DMSMS solutions and submitting them to the program office for review IAW CDRL *XXXX* (see CDRL Template 5) using DID TDB-1 DMSMS, Life Cycle Management Data. All proposed solutions shall be reviewed and approved by the program prior to implementation. When directed by the government, the Contractor shall implement solutions to resolve or mitigate obsolescence issues. The

Table 1. Illustrative Contract Language for Areas of Potential DMSMS Requirements

No.	Title	Applicability	Phase	Illustrative Language
				Contractor shall be responsible for funding DMSMS solutions below Class 1 Engineering Change Proposals (ECPs), as defined in SAE EIA-649-1, Configuration Management Requirements for Defense Contracts. The Contractor is responsible for funding individual DMSMS mitigations costing less than $1 million. All solutions requiring configuration changes shall be made in accordance with the Configuration Management requirements of this SOW. *Implementation note: The government should determine the appropriate ECP level for this clause and the correct cost limit. This clause could be used to require the Contractor to deliver a product free from both Known and Projected DMSMS Issues. For instance, the Contractor could be required to develop, fund, and implement all Known DMSMS Issues and Projected DMSMS Issues that might affect the system within 2 years.*
	b. Contractor role in developing and funding DMSMS resolutions.	The contractor is responsible for developing and funding all DMSMS resolutions until the government accepts ownership of the design in accordance with the configuration management and technical data package (TDP) acquisition contract language. When the government accepts configuration management responsibility for the TDP, funding shall be in accordance with the configuration management contract language for the TDP or portion of the TDP for which the government has assumed configuration control.	Post MSB	The Contractor is responsible to develop, fund, and implement all DMSMS resolutions subject to government approval. Contractor responsibility includes all costs associated with mitigating DMSMS issues, including • investigating the continued availability, interchangeability, and substitutability of parts, material, and software; • locating alternate/substitute parts, material, and software; • vendor interface; • any required redesign activities; • system compatibility assurance; • interface with the government networks; • engineering efforts; and • testing and qualification. The Contractor-proposed DMSMS mitigation strategies will seek to prevent or minimize future costs to the government over a 5-year planning horizon. Life of Need buys mitigation strategies are generally considered interim solutions and will not be adopted without government concurrence. Any design changes considered necessary by these DMSMS Management requirements will be made in accordance with the Configuration Management requirements of this contract. *Implementation note: When the detailed design TDP is under contractor configuration control, the contractor is typically responsible for all DMSMS mitigation costs, and when the configuration management (CM) responsibility for the detailed design TDP is assumed by the government, the government typically assumes responsibility for all DMSMS mitigation costs. If the government never formally accepts CM responsibility for the detailed design, the contractor is responsible for all mitigation cost until the end of the contract.*

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Table 1. Illustrative Contract Language for Areas of Potential DMSMS Requirements

No.	Title	Applicability	Phase	Illustrative Language
	c. Contractor role in developing and funding DMSMS resolutions.	This clause is typically used during sustainment when the government has accepted configuration control for the weapon system or, more precisely, the government has accepted ownership of the detailed design or lost its contract leverage over the design owner (the government has declined to purchase a detail design TDP). In this approach, the government is responsible for all DMSMS mitigation costs, unless it can negotiate a cost-sharing arrangement with the contractor during RFP negotiations.	Sustainment	The Contractor is responsible for developing proposed DMSMS solutions and submitting them to the program office for review IAW CDRL *XXXX* (see CDRL Template 5) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. All proposed solutions shall be reviewed and approved by the program prior to implementation. When directed by the government, the Contractor shall implement solutions to resolve or mitigate obsolescence issues. The Contractor shall be responsible for funding DMSMS solutions below Class 1 Engineering Change Proposals (ECPs), as defined in SAE EIA-649-1, Configuration Management Requirements for Defense Contracts, and the government all Class I ECPs, except as proposed by the Contractor in its RFP response and accepted by the Procuring Contracting Officer (PCO). All solutions requiring configuration changes shall be made in accordance with the Configuration Management requirements of this SOW. *Implementation note: In this approach, the government assumes funding responsibility for all DMSMS mitigation solution deemed to be Class I ECPs. However, the program office should seek to have the contractor propose cost-sharing alternatives to 100 percent government responsibility for Class I ECPs. Thus, depending on the competitive environment, the government may obtain contractor cost-sharing concessions in order to obtain a higher rating for its proposal. (A cost-sharing proposal of this type could improve both the rating of the technical proposal and the cost proposal if life cycle costs are being evaluated as part of the basis for award.) If there is no RFP, the phrase referencing it in the illustrative language should be deleted.*
14.	Flow down DMSMS Management requirements to Subcontractors	Contractors should flow down DMSMS Management requirements to their subcontractors or in some fashion ensure the subcontractor-supplied equipment is effectively managed for DMSMS.	At PDR and thereafter	The Contractor shall flow down DMSMS contractual requirements to Subcontractors IAW SAE STD-0016, Section 5.2. The flow down requirements shall include Proactive DMSMS Management, development (or maintenance, if preexisting) of a DMSMS plan, establishment of DMSMS cases, DMSMS case management, and reporting of DMSMS metrics. Subcontractors shall be required to provide Bills of Materials (BOMs) either to the Contractor or directly to the government for all items that are not Commercial Items delivered under this contract. Subcontractors shall be required to provide notification of DMSMS Issues within 1 week of discovery. Subcontractors shall report the resolutions of cases, including details of any changes that affect the fit, form, or function of equipment or software at a frequency agreed upon with the Contractor. Subcontractors may report directly to the government if that is agreeable to all parties. When reporting case resolutions, the Subcontractors shall provide the following information: the Item and equipment affected by the DMSMS Issue, type of solution implemented, alternate item number if appropriate, cost of the solution, and cost avoided by implementing the solution. Cost avoidance shall be determined on the basis of guidance from the program office or, if none is provided, the SD-22 method. All case reporting data from Subcontractors delivered directly to the

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No.	Title	Applicability	Phase	Illustrative Language
				government will be reported using the data formats and descriptions described in Table 1 of DID DI-MGMT-82274, DMSMS Life Cycle Management Data, using data elements 1–19 and 22–46.
15.	Monitor, manage, and report Subcontractor DMSMS capability.	The subcontractor's ability to adequately manage DMSMS should be periodically monitored if the contractor is responsible for managing DMSMS.	At PDR and thereafter	The Contractor shall evaluate the capability of Subcontractors to manage DMSMS. When the Contractor's or the program office's evaluation of a Subcontractor's capability for DMSMS Management reveals deficiencies, the Contractor shall either help the Subcontractor establish a competent DMSMS capability or, if that is not feasible, assume the DMSMS Management functions for the Items provided by the Subcontractor. The Contractor shall report the health of its Subcontractor IAW CDRL *XXXX* (see CDRL Template 14) using DID-DI-MGMT-82277, DMSMS Subcontractor Health Report, within *3 months* of contract acceptance and *annually* thereafter. *Implementation note*: *The timing of the initial and follow-on reports should be adjusted to meet the needs of the government.*
16.	Program / Budget information	The government needs sufficient data to budget for DMSMS operations and mitigations.	Post MSB	The Contractor shall deliver a report that projects DMSMS resolution costs for the next federal budget year and for the succeeding 5 years, explains the assumptions made in the projection, and quantitatively assesses the confidence in the cost IAW CDRL *XXXX* (see CDRL Template 7) using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. The report shall include details down to the lowest assembly levels, Subcontractor Items, and an estimate of the date when the items will be unsupportable; it also shall identify a potential resolution with an estimated cost.
17.	Exit Plan	At the termination of a contract, sufficient information should be available to the government to enable the transfer of DMSMS operations and data to the government or to another contractor.	All	The Contractor shall develop and deliver to the government a DMSMS Operations Transfer Plan IAW CDRL *XXXX* (see CDRL Template 13) using DID DI-MGMT-82276, DMSMS Operations Transfer Plan that details how DMSMS operations will be transferred to the government or another contractor during the last 6 months of the contract. The plan shall detail the transfer of DMSMS data, the inventory of Items related to DMSMS solutions, DMSMS case data, DMSMS Items–related logistics data, and technical data. It will also detail risks to the implementation of the plan and any additional costs to the government that may result from the plan. *Implementation note*: *This clause may be inserted as a priced option that will only be exercised at the end of multi-contract procurements or as needed.* *The 2-year date is notional; please adjust to meet the program's requirements.*
18.	Issue Mitigation Data	If the contractor is tasked to manage DMSMS, the government needs sufficient data to	Prior to PRR in MSB and on	The Contractor shall provide a list of DMSMS Issues that must be resolved prior to executing follow-on production or sustainment contracts IAW CDRL *XXXX* (see CDRL Template 9)

Table 1. Illustrative Contract Language for Areas of Potential DMSMS Requirements

No.	Title	Applicability	Phase	Illustrative Language
		monitor its activities and determine whether the delivered end items are sustainable.		and using DID DI-MGMT-82274, DMSMS Life Cycle Management Data. The report shall include Unresolved Issues and Projected DMSMS Issues that may negatively affect the system before completion of the contract or within *2 years* following completion of the contract. *Implementation note*: The government should determine the number of years the projected report looks forward.
19.	Technology Management Plan	This clause can apply to both acquisition and sustainment phases where the contractor has sufficient knowledge of the technologies involved.	Beginning at CDR	1. The Contractor shall identify subsystems where Obsolescence of the technologies used poses a high risk. For the technologies identified, the Contractor shall develop (or if one preexists, maintain) a technology roadmap that identifies the current technologies, including software, used in the system that are expected to become Obsolete. The roadmap shall categorize the technologies in technology segments of related equipment with similar life cycles. The roadmap shall forecast the introduction of new, mature technologies within each technology segment that could be used to update equipment, improve its performance, add new capabilities, or meet new mission requirements. The roadmap shall estimate the optimal time to introduce the new technologies into the system. The Contractor shall collaborate with the program office to identify technology areas that should be included in the roadmap, determine the optimal technology segments to include, and describe the desired new capabilities achievable. 2. The Contractor shall prepare a modification plan, based on the analysis in section 1, to cost-effectively update the subsystems to remove the obsolete technologies prior to their becoming unsupportable and deliver it to the government IAW CDRL *XXXX* (see CDRL Template 15) using DID DI-MISC-80508B, Technical Report-Study/Service. The plan will cover a rolling 10-year planning horizon over the life of the contract. The modification plan shall factor in the effects of Proactive DMSMS Management, cost of piecemeal DMSMS resolutions, cost of the modifications, and life cycle of the equipment to determine the optimal timing of the modifications. The plan will be optimized to maximize system readiness and minimize life-cycle cost. The modification plan shall identify the equipment to be updated, include a timetable for the modifications, provide an estimated cost, and furnish an estimate of the projected benefits to the government in terms of cost and improved readiness.
20.	Health assessment report	The contractor should provide sufficient reports to the government to enable government oversight if the contractor is tasked to manage DMSMS.	At PDR and thereafter	The Contractor shall deliver DMSMS impact assessment reports IAW CDRL *XXXX* (see CDRL Template 10) using DID DI-MGMT-82273, DMSMS Health Assessment Report, for all assemblies, LRUs, and WRAs and their related software used on the end item deliverables. The report will detail the predicted impact of known DMSMS Issues and Projected DMSMS Issues. It will use the most accurate forecasting data available to the Contractor. The report will detail the date the assembly and its related higher assemblies will most

Table 1. Illustrative Contract Language for Areas of Potential DMSMS Requirements

No.	Title	Applicability	Phase	Illustrative Language
				likely become unsupportable considering inventories, usage, repair capability, funded upgrades, redesigns, and similar attributes or actions. The report shall cover a period of at least 10 years from the date of its publication.
21.	Metrics report	The contractor should provide reports that support the DMSMS record keeping and reporting	At PDR and thereafter	The Contractor shall deliver DMSMS metrics in support of DMSMS Management recordkeeping efforts IAW CDRL *XXXX* (see CDRL Template 12) using DID DI-MGMT-82275, DMSMS Metrics Data.
22.	As-built configuration list	This list provides a double-check to ensure the delivered BOMs are complete.	At PDR and thereafter	The Contractor shall provide a list of all assemblies in the system IAW CDRL *XXXX* (see CDRL Template 3) using DI-SESS-81830, As-Built Configuration List, to provide a reference for the full system.

Note: Entries in the Illustrative Language column in italics are intended to be adjusted to meet the needs of the government.

Table 2. Clause Applicability during Each Acquisition Phase

Clause No.	Any	Post MSA	Beginning at PDR	Post MSB	Beginning at CDR	Post MSC	Sustainment
1	Definitions						
2	DMSMS as a source selection criteria						
4	Participation in DMT						
17	Exit plan						
18	Issue mitigation plan						
5			Obtain BOMs for DMSMS monitoring				
3			DMSMS Management Plan				
9			Monitoring activities				
11			Research and analysis of resolutions				
14			Flow down DMSMS management requirements to Subcontractors				
15			Monitor, manage, and report subcontractor DMSMS capability				
20			Health analysis reporting				
22			As-built configuration list				
6				List and description of software			
7				Technical data			
8				Logistics information			
10				Issue notification report			
12				Case management and reporting			
13a				Resolution funding			
13b				Resolution funding			
16				Program/budget information			
21				Metrics report			
19					Technology management plan		
13c							Resolution funding

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Table 3. Clause Applicability Based on Government Involvement in DMSMS Management

Clause	Description	Low Government Involvement	Collaborative	High Government Involvement
1	Definitions	X	x	x
2	DMSMS as a source selection criteria	X	x	
3	DMSMS Management Plan	X	x	
4	Participation in DMT		x	x
5	BOMs for DMSMS monitoring.		x	x
6	List and description of software		x	x
7	Technical data		x	x
8	Logistics information	X	x	x
9	Monitoring activities	X	x	
10	Issue notification report	X	x	x
11	Research and analysis of resolutions	X	x	
12	Case management and reporting	X	x	
13	DMSMS resolutions funding	X	x	
14	Flow down DMSMS management requirements	X	x	x
15	Monitor, manage, and report subcontractor DMSMS capability	X	x	
16	Program/budget information	X	x	
17	Exit plan	X	x	
18	Issue mitigation plan	X	x	
19	Technology management plan	X	x	
20	Health analysis report	X	x	
21	Metrics report	X	x	
22	As-built configuration list		x	x

Table 4. Notional Decision Drivers for Table 3

Decision Drivers	
Low Government Involvement	• Contractor has excellent DMSMS capabilities • Design is owned by the contractor • Commercial maintenance is planned
Collaborative	• Contractor has good DMSMS capabilities • Project is of high value • Maintenance will be shared between government and industry
High Government Involvement	• Contractor has minimal DMSMS capabilities • Design can be owned by the government or the contractor • Government maintenance is planned

Note: Not all drivers need to be present to make a decision.

Table 5. DMSMS Topics for Non-DMSMS Contract Sections

No.	Contract Section	Applicability	DMSMS Language to Look For
1	Software	All	The Contractor shall provide a Software Transition Plan acceptable to the government to transfer information related to software developed or modified for use by the government using DID DI-IPSC-81429A. The Contractor shall provide a list of all software in the system using DID DI-IPSC-81427A.
2	Configuration Management	Post CDR	Address DMSMS as required. The Contractor shall develop (or maintain if it preexists) a configuration management plan that addresses changes to ensure the system's most current configuration is documented. The configuration management plan shall be delivered to the government. The Contractor shall periodically validate the end item's technical data to ensure all configuration changes are incorporated into the configuration management database and drawings IAW the configuration management plan. The Contractor shall develop an interchangeability items list that contains the actual manufacturer's name and item number and a comparison of the alternate items for the item replaced, detailing any differences in the specifications, testing, and manufacturing operations performed by the manufacturer.
3	Counterfeit Control Plan	Post CDR	The contract should include the provisions listed in DFAR 252.246-7007 and DFAR 252.246-7008 as appropriate.
4	Source Selection Criteria	All	1. Proposals shall be evaluated on the management approach and the adequacy of planning for mitigating DMSMS risks. 2. Proposals including management plans defining a proactive approach to manage DMSMS will receive more favorable ratings than those without such an approach. A proactive approach will include predictive forecasting strategies; item list screening to the lowest level; item list monitoring; matching of Items to the weapon system's environment across the vendor chain; methods for tracking, reporting, and mitigating DMSMS cases to avoid costly solutions; and a process to manage Subcontractor's DMSMS efforts.
5	Intellectual Property	All	Verify the Intellectual Property has been properly addressed in the contract, Systems Engineering Plan, and Life-Cycle Sustainment Plan.
6	Systems Engineering/Parts Management	All	Verify that requirements to develop a DMSMS Resilient system are included in the appropriate sections.

Table 6. DMSMS CDRLs and DIDs

Template*	CDRL	DID Number	DID Link
1	Logistics Product Data	DI-SESS-81758A	Link: DI-SESS-81758A
2	Technical Data Package	DI-SESS-80776A	Link: DI-SESS-80776A
3	As Built Configuration List	DI-SESS-81830	Link: DI-SESS-81830
4	DMSMS Bills of Materials (BOM)	DI-MGMT-82274, DMSMS Life Cycle Management Data	Link: DI-MGMT-82274, DMSMS Life Cycle Management Data
5	DMSMS Case Data		
6	DMSMS Product Change and Discontinuance Notification Data		
7	DMSMS Case Mitigation, Cost, and Budgeting Data		
8	Proactively Monitored Parts List		
9	DMSMS Issues Affecting Follow-On Production		
10	DMSMS Health Assessment Report	DI-MGMT-82273	Link: DI-MGMT-82273
11	DMSMS Management Plan	DI-MGMT-81948	Link: DI-MGMT-81948
12	DMSMS Metrics Data	DI-MGMT-82275	Link: DI-MGMT-82275
13	DMSMS Operations Transfer Plan	DI-MGMT-82276	Link: DI-MGMT-82276
14	DMSMS Subcontractor Health Report	DI-MGMT-82277	Link: DI-MGMT-82277
15	Technical Report-Study/Services	DI-MISC-80508B	Link: DI-MISC-80508B
16	Software Version Description	DI-IPSC-81442A	Link: DI-IPSC-81442A

* Note: The numbers refer to the figure numbers in Appendix A.

Table 7. Non-DMSMS CDRLs and DIDs that could or should exist in the contract

CDRL	DID
Configuration Management Plan	DI-CMAN-80858B
Counterfeit Prevention Plan	DI-MISC-81832
Lead Free Control Plan	DI-MGMT-81772
Software Transition Plan	DI-IPSC-81429A
Software Development Plan	DI-IPSC-81427A
Software Version Description	DI-IPSC-81442

Appendix A. CDRL Templates

Figure 1. Logistics Product Data

Logistics Data													
2 Title of Data Item	3. Subtitle	4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
Logistics Product Data		DI-SESS-81758A	LT	A	*ASREQ*	N/A	SEE BLOCK 16	SEE BLOCK 16	Program Office	1	1	

16. Remarks		1. Deliver Logistics Product Data as detailed in DI-SESS-81758A. The report will be requested by a technical instruction letter from the government, which will detail the assembly or assemblies on which to report and the level of indenture required for each. The frequency of the report will be no more than *monthly*. The purpose of the report is to obtain sufficient logistics data to perform a DMSMS impact analysis on an assembly or assemblies that contain an Item with a DMSMS Issue.
		2. Block 8: Approval for technical content and format. The government has *30* days to review. The Contractor has *15* days to incorporate comments.
		3. Block 12: The report will be requested by a technical instruction letter from the government.
		4. Block 13: Subsequent reports will be requested by a technical instruction letter from the government
		5. The report shall be tailored to include only the elements listed below. The elements are from GEIA-STD-0007 Appendix A.
		Elements acquisition_decision_office_Type acquisition_method_code_Type acquisition_method_suffix_code_ Type additional_reference_number_Type annual_operating_time_Type commercial_and_government_entity_code criticality_code_Type document_availability_code_Type end_item_acronym_code_Type engineering_failure_mode_mean_time_between_failure_Type essentiality_code_Type failure_rate_Type indenture_code_Type item_name_Type mean_time_between_failures_Type

Figure 1. Logistics Product Data

		national_item_identification_number_Type national_stock_number_activity code_Type national_stock_number_cognizance_code_Type production_lead_time_Type reference_number_category_code_Type reference_number_Type reference_number_variation_code_Type repair_survival_rate_Type shelf_life_action_code_Type shelf_life_Type source_maintenance_recoverability_code_Type
Tailoring Comments		A technical instruction letter will likely be required to request the data. The elements listed are suggested; the list can be adjusted as needed. Adjust the timing of the report, the text in italics, as required.

Figure 2. Technical Data Package

DMSMS Technical Data													
2 Title of Data Item	3. Subtitle		4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
Technical Data Package			DI-SESS-80776A	LT	A	*ASREQ*	N/A	SEE BLK 16	SEE BLK 16	Program Office	1	1	
16. Remarks		1. Deliver a Technical Data Package as detailed in DI-SESS-80776A Sections 2.a and 2.b. The report will be requested by a technical instruction letter from the government, which will detail the assembly or assemblies on which to report and the level of indenture required for each. The frequency of the report will be no more than *monthly*. The purpose of the delivery is to obtain sufficient technical data to research and resolve DMSMS Issues on assemblies and components. 2. The report shall be tailored to include only the following technical data as described in MIL-STD-31000B: Paragraph 5.4.1.3: Product engineering design data and associated lists Paragraph 5.4.1.4: Commercial engineering design data and associated lists. 3. Block 8: Approval for technical content and format. The government has *30* days to review. The Contractor has *15* days to incorporate comments. 4. Block 12: The report will be requested by a technical instruction letter from the government. 5. Block 13: Subsequent reports will be requested by a technical instruction letter from the government											
Tailoring Comments		As written, this template can be used for commercial and non-commercial tech data. This section can be further tailored to meet the program's objectives. Adjust the timing of the deliverable, the text in italics, as required.											

Figure 3. As-Built Configuration List—Common

As Built Configuration List - Common												
2 Title of Data Item	3. Subtitle	4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
As-Built Configuration List—Common		DI-SESS-81830			*ANNLY*	*365DAC*	N/A	*15DARP*	Program Office		1	

16. Remarks		

		1. Deliver an As-Built Configuration List as detailed in DI-SESS-81830 *1* year after contract award and *annually* thereafter. The report will be updated *annually* to incorporate all changes during the reporting period. The report shall be formatted as specified in the DID.
		
		2. The data will provide a complete list of all contractor-furnished equipment and software to be delivered to the government, including equipment and software from Subcontractors. Commercial-off-the-shelf Items shall be included on the list.
		
		3. The lowest level of reporting for the report is the assembly level. Components or piece parts, such as screws, nuts, adhesives, transistors, and integrated circuits, do not need to be reported.
		
		4. The data reported shall include only the following columns from the list in Table 1 of DI-SESS-81830:
		
		     3. Indenture Level
		     4. Part Number
		     5. Reference Designator
		     6. Part Description
		     12. Drawing Revision
		     15. Manufacturer CAGE Code
		     17. NHA Part Number
		     19. End Item Part Number

Tailoring Comments		If this DID is referenced by some other Configuration Management CDRL, the program should coordinate with that team to determine how best to get this information. Adjust the timing of the deliverable, the text in italics, as required.

Figure 4. DMSMS Bills of Materials

DMSMS Bills of Materials													
2 Title of Data Item	3. Subtitle	4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
DMSMS Life Cycle Management Data	DMSMS Bill of Materials	DI-MGMT-82274		A	ASREQ	N/A	See Blk. 16	See Blk. 16	Program Office	1	1	
16. Remarks		1. Provide Bills of Materials for all Items in the end item deliverables using DI-MGMT-82274. These BOMs shall include BOMs for Subcontractor Items that are not Commercial Items as defined in 48 CFR 2.101, Definitions. 2. Block 8: Approval for technical content and format. The government has *30* days to review. The Contractor has *15* days to incorporate comments. 3. *Block 12: Date of First Submission: the correct entry for block 12 depends on the acquisition phase:* *TMRR—At PDR* *EMD—At CDR* *P&D LRIP—Just prior to LRIP* *P&D FRP—Just prior to FRP Decision Review* *Sustainment—**60** days from the beginning of the contract 60 DAC (Entry in Block 12, no entry in Block 16).* 4. Block 13: The contractor shall provide updates as required for configuration changes NLT *60* days after such changes are finalized. 5. The BOM will provide the following data elements from Table 1 of DI-MGMT-82274: 1–26.										
Tailoring Comments		Adjust the frequency of the update submittals, the text in italics, as required to meet government objectives.										

Figure 5. DMSMS Case Data

DMSMS Case Data													
2 Title of Data Item	3. Subtitle		4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
DMSMS Life Cycle Management Data	DMSMS Case Data		DI-MGMT-82274	LT	A	*MTHLY*	*0*	*60DAC*	*5DARP*	Program Office	1	1	
16. Remarks		1. Provide DMSMS case data for all cases that were open during the preceding month using the data elements in Table 1 of DI-MGMT-82274 as specified below. Cases provided shall include Subcontractor Items that are not commercial Items as defined in 48 CFR 2.101, Definitions. 2. The data will be comprised of the following data element from Table 1 of DI-MGMT-82274: 1–19 and 22–46 3. Block 8: Approval for technical content and format. The government has *30* days to review. The Contractor has *15* days to incorporate comments.											
Tailoring Comments		Frequency of reports may be adjusted, the text in italics, to accommodate the program's schedule. Data elements may be adjusted to meet the program's case management needs.											

Figure 6. DMSMS Change and Discontinuance Notification Data

DMSMS Change and Discontinuance Notification Data												
2 Title of Data Item	3. Subtitle		4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
DMSMS Life Cycle Management Data	DMSMS Change and Discontinuance Notification Data		DI-MGMT-82274			ASREQ	See Blk. 16	See Blk. 16	See Blk. 16	Program Office		1	
16. Remarks		1. Provide DMSMS Issue notification reports, using DI-MGMT-82274, containing all DMSMS Issues and Projected DMSMS Issues discovered since the last report for all Items in the end item deliverables within *1* week of discovering the issue. 2. The deliverable will provide the following data elements from Table 1 of DI-MGMT-82274: 1–3, 11, 15–19, and 44–53. 3. Block 12: The first delivery will be within *1* week of discovery of a DMSMS Issue. 4. Block 13: Subsequent deliveries will be within *1* week of discovery of a DMSMS Issue.											
Tailoring Comments		This CDRL may not be required if the Contractor is performing all DMSMS activities. Adjust the timing of the deliverable, the text in italics, as required.											

Figure 7. DMSMS Case Mitigation, Cost, and Budgeting Data

DMSMS Case Mitigation, Cost, and Budgeting Data												
2 Title of Data Item	3. Subtitle	4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
DMSMS Life-Cycle Management Data	DMSMS Case Mitigation, Cost, and Budgeting Data	DI-MGMT-82274	LT	A	See Blk 16	0	180DAC	See BLK 16	Program	1	1	

| 16. Remarks | | 1. The contractor shall deliver data, using DI-MGMT-82274, that will be used to project DMSMS resolution costs for the next federal budget year and for the succeeding 5 years. The report shall include details down to the lowest assembly levels and Subcontractor Items that are not commercial Items as defined in 48 CFR 2.101, Definitions, unless otherwise specified in the contract. The report shall contain the following data elements from DID DI-MGMT-82274: 1, 2, 9–12, 15, 24, 25, and 27–44.

3. Block 8: Approval for technical content and format. The government has *30* days to review. The Contractor has *15* days to incorporate comments.

4. Block 10: The data will be delivered annually, except for the final delivery, which will be made *6* months prior to the contract end.

5. Block 13: The data will be delivered annually after the first delivery, except for the final delivery, which will be made *6* months prior to the contract end. |
|---|---|---|
| Tailoring Comments | | If the program office is conducting DMSMS management activities and collecting case data using DI-MGMT-82274, these reports may not be needed as the data to build the reports are included in the case data.   Adjust the timing of the deliverable, the text in italics, as required. |

Figure 8. Proactively Monitored Parts List

Proactively Monitored Parts List													
2 Title of Data Item	3. Subtitle	4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro	
DMSMS Life Cycle Management Data	Proactively Monitored Parts List	DI-MGMT-82274	LT	A	ANNLY	0	90DAC	14DARP	Program	1	1		
16. Remarks		1. The contractor shall deliver a list of all Items that they plan to proactively monitor. The list of Items will detail the results of the contractor's risk-based analysis of all Items to determine those they plan to monitor for obsolescence. The report shall contain the following data elements from the referenced DID TDB-1: 1–5, 7–11, 15–19, and 23–25. 3. Block 8: Approval for technical content and format. The government has _30_ days to review. The Contractor has _15_ days to incorporate comments.											
Tailoring Comments		If the program office is conducting DMSMS management activities and collecting case data using DI-MGMT-82274, these reports may not be needed as the data to build the reports are included in the case data. Adjust the timing of the deliverable, the text in italics, as required.											

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Figure 9. DMSMS Issue Mitigation Data

DMSMS Issue Mitigation Data												
2 Title of Data Item	3. Subtitle	4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
DMSMS Life Cycle Management Data	DMSMS Issue Mitigation Data	DI-MGMT-82274	LT	A	*1*	N/A	See Block 16	N/A	Program Office	1	1	
16. Remarks		1. Deliver a detailed list of all Unresolved DMSMS Issues or Projected DMSMS Issues that have the potential to negatively impact the end item within *2 years* of delivery. The list shall include Subcontractor Items. Provide the list using the data elements in Table 1 of DI-MGMT-82274 as specified below. 2. Data Elements from DI-MGMT-82274 Table 1: 1, 2, 9–12, 15, 24, 25, and 27–44. 3. Block 8: Approval for technical content and completeness. The government will approve or disapprove within *1* month of initial delivery. The Contractor will resubmit for approval or provide a final copy of the plan within *30* days of government disposition. 4. Block 12: Deliver *180* days prior to the contract end.										
Tailoring Comments		The program office should adjust the frequency, the text in italics, of the deliverable to accommodate its needs. If the program office is conducting DMSMS management activities and collecting case data using DI-MGMT-82274, these reports may not be needed as the data to build the reports are included in the case data.										

Figure 10. DMSMS Health Assessment Report

DMSMS Health Assessment Report												
2 Title of Data Item	3. Subtitle	4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
DMSMS Health Assessment Report		DI-MGMT-82273	LT	A	*SEMIA*	*0*	*180DAC*	*5DARP*	Program Office	1	1	
16. Remarks		1. Provide a DMSMS Health Assessment Report as described in DI-MGMT-82273 for all end item deliverables. The provided report shall include all Items in the deliverable and Subcontractor Items that are not commercial Items as defined in 48 CFR 2.101, Definitions. 2. Block 8: Approval for technical content and completeness. Government will approve or disapprove within *1*month of initial delivery. The Contractor will resubmit for approval or provide final copy of the plan within *30* days of government disposition.											
Tailoring Comments		The program office should adjust the frequency of the deliverable, the text in italics, to accommodate its needs. If the program office is conducting DMSMS management activities and collecting case data using DI-MGMT-82274, these reports may not be needed as the data to build the reports are included in the case data.											

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Figure 11. DMSMS Management Plan

DMSMS Management Plan													
2 Title of Data Item	3. Subtitle		4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
DMSMS Management Plan			DI-MGMT-81948	LT	A	*1*	*180DAC*	*180DAC*	N/A	Program Office	1	1	
16. Remarks		1. Deliver a draft DMSMS Management Plan (DMP) as detailed in DI-MGMT-81948 *6* months after contract award. The plan shall address the following topics as they relate to DMSMS management: long-lead time material; unique processes; tooling; the impact of environmental regulations and policy such as Restriction of Hazardous Substances (RoHS) and Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). The plan will detail how the contractor will operate at Intensity Level 3 IAW Clauses 5 and 6 and table A-1 of SAE STD-0016. 2. Block 8: Approval for technical content and completeness. The draft plan will be evaluated using SAE-STD-0016 for completeness and adherence to the guidance of that standard. The government will approve or disapprove within *1* month of initial delivery. The Contractor will resubmit for approval or provide a final copy of the plan within *30* days of government disposition.												
Tailoring Comments													

Figure 12. DMSMS Metrics Data

DMSMS Metrics Data													
2. Title of Data Item	3. Subtitle		4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
DMSMS Metrics Data			DI-MGMT-82275	LT	A	*MTHLY*	0	*60DAC*	*5DARP*	Program Office		1	
16. Remarks		1. Provide DMSMS metrics data for the reporting period using Table 1 of DI-MGMT-82275. The metrics provided shall include the required information for all Items in the deliverable and Subcontractor Items that are not commercial Items as defined in 48 CFR 2.101, Definitions. 2. Block 8: Approval for technical content and format. The government has *30* days to review. The Contractor has *15* days to incorporate comments.											
Tailoring Comments		Level 1 metrics should be required at a minimum. Level 2 metrics provide more detail and will, in the long term, benefit the program office and higher-level authorities. The frequency of the deliverable may be adjusted, the text in italics, to accommodate the program's schedule. The data elements may be adjusted to meet the program's needs or the level of involvement of the contractor.											

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Figure 13. DMSMS Operations Transfer Plan

DMSMS Operations Transfer Plan														
2 Title of Data Item	3. Subtitle		4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro	
DMSMS Operations Transfer Plan			DI-MGMT-82276	LT	A	*1*	N/A	See Block 16	N/A	Program Office	1	1		
16. Remarks		1. Deliver a DMSMS Operations Transfer Plan as detailed in DI-MGMT-82276. 2. Block 8: Approval for technical content and completeness. Government will approve or disapprove within *1* month of initial delivery. Contractor will resubmit for approval or provide final copy of the plan within *30* days of Government disposition. 3. Block 12: Deliver *180* days prior to the end of the contract.												
Tailoring Comments		This CDRL may not be required if the contractor is not managing DMSMS or if all of the relevant information has been transferred to the government by other means. Adjust the timing of the deliverable, the text in italics, as required.												

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Figure 14. DMSMS Subcontractor Health Reports

DMSMS Subcontractor Health Reports													
2 Title of Data Item	3. Subtitle	4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
DMSMS Subcontractor Health Report		DI-MGMT-82277			*ANNLY*	0	*180DAC*	See Blk. 16	Program Office		1	
16. Remarks		1. Deliver the DMSMS Subcontractor Health Report as described in DI-MGMT-82277. The report shall contain health information for all Subcontractors that supply items that are not Commercial Items, as defined in 48 CFR 2.101, Definitions. 2. Block 13: Subsequent reports will be submitted annually beginning *1* year after the first submission.										
Tailoring Comments		Adjust the timing of the deliverable, the text in italics, as required.										

Figure 15. 10-Year Rolling Technology Refresh Plan

10 Year Rolling Technology Refresh Plan													
2 Title of Data Item	3. Subtitle		4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
Technical Report-Study/Services	10 Year Rolling Technology Refresh Plan		DI-MISC-80508B	DD	A	*SEMIA*	0	*180DAC*	See Blk. 16	Program Office	1	1	
16. Remarks		1. The plan shall indicate the OEM's recommended optimum time to conduct a periodic technology refreshment to proactively mitigate DMSMS Issues predicted to negatively affect cost or readiness. In each recommended technology refreshment, the plan shall indicate the assemblies and subsystems to be refreshed, scope of the DMSMS Issues necessitating this action, and an estimate of the cost and benefits to the government. The refresh plan shall be continually revised as the tech refresh event draws closer to the current date. 2. Block 8: Approval for technical content and format. The government has *30* days to review. The Contractor has *15* days to incorporate comments. 3. Block 13: Subsequent reports will be delivered 30 days prior to the scheduled date of each DMSMS Management Team meeting.											
Tailoring Comments		Adjust the timing of the deliverable, the text in italics, as required.											

Figure 16. Software List

List of Software													
2 Title of Data Item	3. Subtitle		4. Authority	7. DD 250 REQ	8. APP Code	10. Frequency	11. As of Date	12. Date of First Submission	13. Date of Subsequent Submission	14.a. Addressee	14.b. Copies Draft	14.b. Copies Reg	14.b. Copies Repro
Software Version Description			DI-IPSC-81442A	DD	A	*ANNLY*	0	*180DAC*	See Blk. 16	Program Office		1	
16. Remarks		1. Deliver a list of all software to be delivered to the government as part of the end item deliverable. Only the data described in the DID Content Section as Section 3.2, "Inventory of software contents," is required. The list will comprise the following fields: identifying numbers, titles, abbreviations, dates, version numbers, and release numbers. It will only include the top level of the software. Underlying files and modules are not required. All other parts of the Content Section of the DID are not required. 2. The data shall be provided as an electronically editable, machine-readable, comma-separated values (CSV) text file with text fields enclosed in double quotation marks. 3. Block 8: Approval for technical content and format. The government has *30* days to review. The Contractor has *15* days to incorporate comments. 4. Block 13: Subsequent submissions will be annually beginning *1* year after the first submission.											
Tailoring Comments		Adjust the timing of the deliverable, the text in italics, as required.											

DEFENSE STANDARDIZATION PROGRAM OFFICE

8725 John J. Kingman Road, Stop 5100

Fort Belvoir, VA 22060-6220

(571) 767-6888

dsp.dla.mil