

<div data-bbox="1669 186 1780 211" data-label="Text">Next Page</div> <div data-bbox="1423 211 1780 256" data-label="Text">OMB Control Number: 0694-0119 Expiration Date: September 30, 2014</div>
<div data-bbox="651 266 1554 384" data-label="Section-Header">DEFENSE INDUSTRIAL BASE ASSESSMENT: Diminishing Manufacturing Sources and Material Shortages Cost Resolution Values Survey</div>
<div data-bbox="989 406 1199 561" data-label="Image">The seal of the U.S. Department of Commerce, Bureau of Industry and Security. It features an eagle with wings spread, perched on a shield with vertical stripes. The shield is set against a circular background with the text "U.S. DEPARTMENT OF COMMERCE" and "BUREAU OF INDUSTRY AND SECURITY".</div>
<div data-bbox="987 576 1218 599" data-label="Section-Header">SCOPE OF ASSESSMENT</div>
<p>The Bureau of Industry and Security (BIS), Office of Technology Evaluation is conducting a specialized survey in support of a Diminishing Manufacturing Sources and Material Shortages (DMSMS) Cost Resolution Values assessment. An earlier Cost Resolution Values survey was conducted in 2008. The Defense community and industry have recently developed renewed solution categories. This survey will be used to: 1) validate the solution categories being used, and 2) determine the cost of each solution category used.</p> <p>BIS, in cooperation with the DMSMS Working Group, is requesting your participation in this important survey. The overall goal of this project is to survey government and industry to provide accurate data so that the DMSMS Guidebook, SD-22, can be updated to meet the cost avoidance and should-cost reporting needs of program managers and DMSMS Management Teams (DMTs) throughout the Defense community.</p>
<div data-bbox="869 886 1335 909" data-label="Section-Header">RESPONSE TO THIS SURVEY IS REQUIRED BY LAW</div>
<p>A response to this survey is required by law (50 U.S.C. app. Sec. 2155). Failure to respond can result in a maximum fine of \$10,000, imprisonment of up to one year, or both. Information furnished herewith is deemed confidential and will not be published or disclosed except in accordance with Section 705 of the Defense Production Act of 1950, as amended (50 U.S.C App. Sec. 2155). Section 705 prohibits the publication or disclosure of this information unless the President determines that its withholding is contrary to the national defense. Information will not be shared with any non-government entity, other than in aggregate form. The information will be protected pursuant to the appropriate exemptions from disclosure under the Freedom of Information Act (FOIA), should it be the subject of a FOIA request.</p> <p>Notwithstanding any other provision of law, no person is required to respond to nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number.</p>
<div data-bbox="863 1237 1341 1260" data-label="Section-Header">BURDEN ESTIMATE AND REQUEST FOR COMMENT</div>
<p>Public reporting burden for this collection of information is estimated to average 15 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 to BIS Information Collection Officer, Room 6883, Bureau of Industry and Security, U.S. Department of Commerce, Washington, D.C. 20230, and to the Office of Management and Budget, Paperwork Reduction Project (OMB Control No. 0694-0119), Washington, D.C. 20503.</p>
<div data-bbox="745 1432 1461 1458" data-label="Text">BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act</div>

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Section II: Background Information

Your company/organization should provide detailed costs for DMSMS solutions that you have implemented. Please provide solution cost data for the last two years, if available.

Purpose of the Survey: Define and break down the costs to implement DMSMS solutions in sufficient detail to allow the Department of Defense (DOD) to:

- Estimate solution costs for emerging DMSMS issues
- Develop budgets and POM information for resolving DMSMS issues in the future
- Provide a basis for evaluating quotes for resolving DMSMS issues
- Allow programs to provide accurate estimates of DMSMS cost avoidance.

Objective of the Survey: Generate a comprehensive, standardized inventory of DMSMS solutions, and their associated costs, that can be used by the core warfighting tools that the DOD DMSMS Working Group supports. The standardized inventory will provide both the government and product manufacturers a common understanding of costs.

The cost factors used by this survey have been carefully selected to provide the detail needed for proper analysis. They are intended to include the total cost of the solution implemented.

Diminishing Manufacturing Sources and Material Shortages (DMSMS) issues result from the loss, or impending loss, of manufacturers or suppliers of items, raw materials, or software. DMSMS resolutions are selected based on the most cost effective, mitigation approach before there are any operational impacts. DOD has defined a set of DMSMS solution types that can be applied to all DMSMS issues whether for raw material, hardware, or software. These standardized solutions allow DMSMS practitioners to use a common language when discussing issues. Properly capturing the associated costs to implement those solutions will allow accurate cost estimates for future DMSMS mitigation projects. Since no two projects are exactly alike, resolutions costs will vary. However, if attention is made to detail on similar resolution cost breakouts, a range of costs should appear, which will help us define the average resolution costs.

For more information concerning the DMSMS programs and the nonrecurring engineering cost metrics, please see the following resources:

The DMSMS Knowledge Sharing Portal: <http://www.dmsms.org>

DOD DMSMS Guidebook v2.1: http://www.dmsms.org/file.jsp?storename=ov_6_.pdf

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Section III: Definitions - Acronyms, Solution Types, Solution Characteristics

Term		Definition	
Acronyms	BCA	Business Case Analysis	
	DMSMS	Diminishing Manufacturing Sources and Material Shortages	
	ECP	Engineering Change Proposal	
	NHA	Next Higher Assembly	
	NRE	Non-Recurring Engineering	
Solution Types	Approved Part	The obsolescence issue is resolved by the use of items already approved on the drawing and still in production.	
	Life of Need to Buy	A sufficient quantity of the item is purchased to sustain the product until its next technology refresh or the discontinuance of the host assembly. Because this solution uses an approved item, no testing or drawing changes are required. The source of supply can be residual stock from the original manufacturer, shelf stock from distributors, sponsor-owned material, etc. Costs for packaging, storage, and transportation should be considered in the BCA for selecting solutions.	
	Repair, Refurbishment or Reclamation	The obsolescence issue is resolved by instituting a repair or refurbishment program for the existing item or assembly, whether a depot repair, a repair contract with the original manufacturer, or support from a third party.	
	Extension of Production or Support	The supplier is incentivized to continue providing the obsolete items. This may involve long-term agreements to procure specific quantities of parts. One-time costs may be associated with setting up this solution. Those costs should be included in any cost and cost avoidance calculations.	
	Simple Substitute	The item is replaced with an existing item that meets all requirements without modification to either the item or its NHA and requires only minimal qualification. Associated costs are largely administrative.	
	Complex Substitute	A replacement item that has different specifications, but requires no modification of the source product or the NHA, is researched and validated.	
	Development of a New Item or Source	A replacement product is developed that meets the requirements of the original product without affecting the NHA. Nonrecurring engineering or other development-related activities will likely be required. The new product may be an emulation, a reverse-engineered product, or a product developed as a replacement using a different manufacturer but the original manufacturing designs and processes.	
	Redesign - NHA	The affected item's NHA must be modified. Only the NHA is affected, and the new design will not affect anything at a higher level in the system.	
	Redesign - Complex/System Replacement	A major assembly redesign affects assemblies beyond the obsolete item's NHA and may require that higher-level assemblies, software, and interfaces be changed.	
Solution Characteristics	Part Type	Assembly	Any grouping of parts that result in a final unit that is considered a distinct item. Examples: a network switch, a diesel engine, a starter.
		Component	A base unit part that may be used as part of an assembly. Examples: an integrated circuit, a piston, an electrical switch.
		Raw Material	The substance or substances out of which a thing is or can be made. Examples: steel, fiberglass, halon, etc.
		Software	The programs or other code used by computers of other electronic components or assemblies. Examples: an operating system, anti-virus software.
	Commodity	Electrical	Equipment that generates electricity, transfers or controls electricity, or which uses electricity as its prime energy source (excluding electronics, see below). Electronic controllers used by this equipment are categorized in the Electronics commodity. Examples: motors, switchboard, transformers.
		Electronics	Components, assemblies, or equipment that are built using electronic components and/or circuit card. Examples: computers, radios, radars, control circuitry.
		Mechanical	Parts, assemblies, or equipment that is neither electrical nor electronic in nature. Electronic controllers used by this equipment are categorized in the Electronics commodity. Examples: diesel engines, hydraulics, winches, pumps.
	Operating Environment	Aviation	The part or equipment is used in or on aircraft.
		Benign or Non-Tactical	Equipment not expected to be in a tactical environment, or equipment that is deployed in a tactical environment but not tactical in nature and not tested to the same standards as tactical equipment. Example: shipboard laundry equipment.
		Ground	The part or equipment is used in a tactical ground environment.
		Shipboard	The part or equipment is used on surface ships, boats, etc.
		Space	The part or equipment will be used in space.

		Undersea	The part or equipment will be used in submarines or other submerged equipment.
Solution Engineering and Design	Engineering/ Engineering Data Revision	Definition	The one-time costs of research, design, and engineering work related to the solution selected (NRE). This could range from evaluation of a substitute to the development of a new design.
		Examples	Research, design, prototype development, engineering/reverse engineering, white paper development, technical data, drawing changes, ECP development, ECP review, reliability and maintainability analysis
	Qualification of New Items	Definition	The one-time costs to determine if a new item is suitable for use in the application. These testing and associated costs could range from simple to complex depending on the solution selected, the type of equipment, and the operating environment.
		Examples	Develop/modify test procedures, develop/modify test equipment, functional testing, unit environmental testing
	Software Development or Modification	Definition	The one-time costs for any and all NRE-type software development or modification related to the selected solution. This could range from firmware revisions on a circuit card to the procurement of services to develop customized software.
		Examples	Software procurement, application design, application development, application integration, beta test plan, software testing
	Startup Costs (Aftermarket, etc)	Definition	The one-time costs associated with getting production started or restarted.
		Examples	Contract costs associated with production startup, Costs to start an organic depot, Procurement of production rights or intellectual property
	Tooling, Equipment, Test Equipment, or Software	Definition	The one-time costs for equipment needed to design, test, evaluate, and qualify the new item for the solution. Items procured that are used both during evaluation and sustainment should be included in this category. Design, engineering, and development work to prepare this equipment for use are included in the Engineering cost type.
		Examples	Test equipment, prototyping tooling, software
Solution Implementation	Computer Programs/ Documentation	Definition	The costs for procuring and updating computer programs and documentation for use in the field/fleet. Does not include the costs for tech manuals and other non-software documentation.
		Examples	Software licenses, software media distribution, software documentation costs
	Interim Support	Definition	The costs for short-term measures that need to take place prior to full implementation of the solution. This could be contract maintenance or supply support until the solution is fully support by organic systems. Life of Need (Bridge Buy) costs to extend product life until a redesign can be implemented may be included here.
		Examples	Temporary contract support to sustain the item while a permanent depot is established, a bridge buy to sustain item while the final solution is implemented
	Supply/ Provisioning Data	Definition	The costs associated with updating records and data with the new solution information.
		Examples	Level of repair analysis, provisioning, generation of procurement documentation, supply support, development of a maintenance plan
	Support/Test Equipment	Definition	The costs for modifying and/or buying support and test equipment for the new solution. Does not include the cost of equipment purchased for both development and sustainment.
		Examples	Test equipment used to sustain the solution, handling equipment need to sustain the solution
	Technical Manuals	Definition	The cost for updating technical manuals to reflect the new solution.
		Examples	Technical documentation development, technical documentation distribution
	Training/Training Equipment	Definition	The costs for purchasing new or updating existing training devices, training materials, and training to accommodate the solution.
		Examples	Develop updates to existing training course, develop/modify training equipment

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	Installation Cost	Definition	The costs to deploy the new equipment to the field/fleet. Only applicable if the new solution must be retrofitted into the field/fleet as a direct result of the original obsolescence. Does not include replacement by attrition.
		Examples	Software media distribution, gather data and schedule installations, cost of installation (contractor), cost of installation (government), Installation travel cost
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Section IV: General Instructions

A.	Your company is required to complete this survey using an Excel template, which can be downloaded from the BIS website at http://www.bis.doc.gov/DMSMS . At your request, BIS staff will e-mail the Excel survey template directly to your company. For your convenience, a PDF version of the survey is available on the BIS website to aid internal data collection. PLEASE DO NOT submit the PDF version of your company's response to BIS.
B.	Questions related to this questionnaire should be directed to: DMSMS.Study@bis.doc.gov , or to: Matt Sigmund, Trade and Industry Analyst, (202) 482-0634 Alex Adamczyk, Trade and Industry Analyst, (202) 482-7980 LaTiesha Cooper, Trade and Industry Analyst, (202) 482-5415 Email is the preferred method of contact.
C.	Upon completion, review and certification of the survey, transmit the survey via e-mail to: DMSMS.Study@bis.doc.gov .
D.	For letter correspondence to the Office of Technology Evaluation (OTE), please write to: Brad Botwin, Director, Industrial Studies Office of Technology Evaluation, Room 1093 Bureau of Industry and Security U.S. Department of Commerce 1401 Constitution Avenue, NW Washington, DC 20230 Please do not submit completed surveys to this address; all surveys must be submitted electronically.

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Section 1.a: Company/Organization Information									
Company/Organization Name									
Street Address									
City									
State									
Zip Code									
Phone Number									
Fax Number									
Website									
Please choose the Respondent Type that best describes your company/organization:									
		<input type="text"/>							
Point(s) of Contact for this Survey's Completion									
Name		Title		Phone Number		State		Email Address	
Comments:									
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Respondent type dropdown options:

- Department of Defense Program Office/Activity
- Department of Defense Supply Activity
- Prime Integrator
- Second Tier/Lower Manufacturer
- Other

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Section 2: DMSMS Solutions

In Sections 3 through 12 your organization will be asked to identify and describe your DMSMS activities **OVER THE PAST TWO YEARS** using the solutions described in this survey. Nine *SOLUTION* categories have been identified below. In the right-hand column, please indicate the total number of incidents your organization has resolved with the given *SOLUTION* **OVER THE PAST TWO YEARS**. For descriptions of each *SOLUTION* type, see the *DEFINITIONS* tab.

	Survey Section	Solution	Total Number of Incidents
	Section 3:	Approved Parts	
	Section 4:	Life of Need Buy	
	Section 5:	Repair, Refurbishment or Reclamation	
	Section 6:	Extension of Production or Support	
	Section 7:	Simple Substitute	
	Section 8:	Complex Substitute	
	Section 9:	Development of a New Item or Source	
	Section 10:	Redesign - NHA	
	Section 11:	Redesign Complex/System Replacement	

Your organization will also be asked to provide information regarding the characteristics below for each solution. For definitions of each, see the Definitions 1 tab.

Part Type	Part Commodity	Operating Environment
What type of part does DMSMS problem concern: Assembly Component Raw Material Software	Does the part qualify as: Electrical Electronics Mechanical	What environment does the DMSMS product/solution function in: Aviation Benign or Non-Tactical Ground Shipboard Space Undersea

Instructions for completing the survey form:

One *Solution Area* tab **must** be completed for each unique combination of *Solution Type*, *Product/Solution Characteristics* (*Part Type*, *Part Commodity*, *Operating Environment*) and *Armed Forces Services* to which it was provided (parts A, C, and D of the *Solution Area* tabs).

If you report more than one solution per tab, the costs should be the **average** of all the solutions reported on that specific tab. Do not report multiple solutions on a single tab unless each averaged resolution has identical responses for *Solution Type*, *Product/Solution Characteristics* and *Armed Forces Services* to which it was provided.

Sections 3-11 contain three *Solution Area* tabs for each *Solution Type*. If your organization has additional DMSMS activities to report for a *Solution Type*, section 13 contains 10 blank *Solution Area* tabs and instructions for completing those. If your organization requires additional tabs, please contact the BIS staff listed on the *General Instructions* tab.

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Section 3.a: Approved Part I						
A	Approved Part Definition:		The obsolescence issue is resolved by the use of items already approved on the drawing and still in production.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.						
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.					
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)					
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/solution's application characteristics.					
	Part Type		Commodity		Environment	
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.					
Note: A separate tab must be used for each unique combination of parts A, C, and D above.						
Please enter the costs associated with each <i>applicable</i> category (in dollars) to the best of your knowledge and specify whether it is <i>actual</i> or <i>estimated</i> . Refer to the DMSMS Survey Definitions for examples of each category.						
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs						
Reported Costs Are (<i>actual</i> or <i>estimated</i>):						
<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>			
F	a. Engineering/Engineering Data Revision			a. Computer Programs/Documentation		
	b. Qualification of New Items			b. Interim Support		
	c. Software Development or Modification			c. Supply/ Provisioning Data		
	d. Startup Costs			d. Support/Test Equipment		
	e. Tooling/Equipment/Software			e. Technical Manuals		
	f. Other (specify)			f. Training/Training Equipment		
				g. Installation Costs		
				h. Other (specify)		
g. Total Engineering and Design Costs			i. Total Implementation Costs			
Total Solution Costs (sum of 1.g and 2.i)						
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution). 					
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 3.b: Approved Part II			
A	Approved Part Definition:	The obsolescence issue is resolved by the use of items already approved on the drawing and still in production.	
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.			
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.		
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)		
	Army	Navy	Air Force
D	Identify your product/solution's application characteristics.		
	Part Type	Commodity	Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.		
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.		
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.			
If you cannot provide cost breakdowns at the level of detail required below, please provide:			
1.g: Total Engineering and Design Costs			
2.i: Total Implementation Costs			
Reported Costs Are (<i>actual</i> or <i>estimated</i>):			
<u>1. Solution Engineering and Design</u>		<u>2. Solution Implementation</u>	
F	a. Engineering/Engineering Data Revision	a. Computer Programs/Documentation	
	b. Qualification of New Items	b. Interim Support	
	c. Software Development or Modification	c. Supply/ Provisioning Data	
	d. Startup Costs	d. Support/Test Equipment	
	e. Tooling/Equipment/Software	e. Technical Manuals	
	f. Other (specify)	f. Training/Training Equipment	
		g. Installation Costs	
		h. Other (specify)	
	g. Total Engineering and Design Costs	i. Total Implementation Costs	
Total Solution Costs (sum of 1.g and 2.i)			
Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).			
G			
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 3.c: Approved Part III						
A	Approved Part Definition:	The obsolescence issue is resolved by the use of items already approved on the drawing and still in production.				
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.						
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.					
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)					
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/solution's application characteristics.					
	Part Type		Commodity		Environment	
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.					
Note: A separate tab must be used for each unique combination of parts A, C, and D above.						
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.						
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs						
		Reported Costs Are (<i>actual</i> or <i>estimated</i>):				
		1. Solution Engineering and Design		2. Solution Implementation		
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation			
	b. Qualification of New Items		b. Interim Support			
	c. Software Development or Modification		c. Supply/ Provisioning Data			
	d. Startup Costs		d. Support/Test Equipment			
	e. Tooling/Equipment/Software		e. Technical Manuals			
	f. Other (specify)		f. Training/Training Equipment			
			g. Installation Costs			
			h. Other (specify)			
	g. Total Engineering and Design Costs		i. Total Implementation Costs			
		Total Solution Costs (sum of 1.g and 2.i)				
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).					
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 4.a: Life of Need Buy I							
A	Life of Need to Buy Definition:	A sufficient quantity of the item is purchased to sustain the product until its next technology refresh or the discontinuance of the host assembly. Because this solution uses an approved item, no testing or drawing changes are required. The source of supply can be residual stock from the original manufacturer, shelf stock from distributors, sponsor-owned material, etc. Costs for packaging, storage, and transportation should be considered in the BCA for selecting solutions.					
		If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)						
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/solution's application characteristics.						
	Part Type		Commodity		Environment		
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.						
Note: A separate tab must be used for each unique combination of parts A, C, and D above.							
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.							
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs							
Reported Costs Are (<i>actual</i> or <i>estimated</i>):							
1. Solution Engineering and Design				2. Solution Implementation			
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation				
	b. Qualification of New Items		b. Interim Support				
	c. Software Development or Modification		c. Supply/ Provisioning Data				
	d. Startup Costs		d. Support/Test Equipment				
	e. Tooling/Equipment/Software		e. Technical Manuals				
	f. Other (specify)		f. Training/Training Equipment				
			g. Installation Costs				
			h. Other (specify)				
	g. Total Engineering and Design Costs				i. Total Implementation Costs		
Total Solution Costs (sum of 1.g and 2.i)							
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).						
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 4.b: Life of Need Buy II							
A	Life of Need to Buy Definition:	A sufficient quantity of the item is purchased to sustain the product until its next technology refresh or the discontinuance of the host assembly. Because this solution uses an approved item, no testing or drawing changes are required. The source of supply can be residual stock from the original manufacturer, shelf stock from distributors, sponsor-owned material, etc. Costs for packaging, storage, and transportation should be considered in the BCA for selecting solutions.					
		If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)						
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/solution's application characteristics.						
	Part Type		Commodity		Environment		
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.						
Note: A separate tab must be used for each unique combination of parts A, C, and D above.							
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.							
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs							
Reported Costs Are (<i>actual</i> or <i>estimated</i>):							
1. Solution Engineering and Design				2. Solution Implementation			
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation				
	b. Qualification of New Items		b. Interim Support				
	c. Software Development or Modification		c. Supply/ Provisioning Data				
	d. Startup Costs		d. Support/Test Equipment				
	e. Tooling/Equipment/Software		e. Technical Manuals				
	f. Other (specify)		f. Training/Training Equipment				
			g. Installation Costs				
			h. Other (specify)				
	g. Total Engineering and Design Costs				i. Total Implementation Costs		
Total Solution Costs (sum of 1.g and 2.i)							
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).						
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act							

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page					
Section 4.c: Life of Need Buy III							
A	Life of Need to Buy Definition:	A sufficient quantity of the item is purchased to sustain the product until its next technology refresh or the discontinuance of the host assembly. Because this solution uses an approved item, no testing or drawing changes are required. The source of supply can be residual stock from the original manufacturer, shelf stock from distributors, sponsor-owned material, etc. Costs for packaging, storage, and transportation should be considered in the BCA for selecting solutions.					
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.							
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)						
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/solution's application characteristics.						
	Part Type		Commodity		Environment		
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.						
Note: A separate tab must be used for each unique combination of parts A, C, and D above.							
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.							
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs							
Reported Costs Are (<i>actual</i> or <i>estimated</i>):							
1. Solution Engineering and Design				2. Solution Implementation			
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation				
	b. Qualification of New Items		b. Interim Support				
	c. Software Development or Modification		c. Supply/ Provisioning Data				
	d. Startup Costs		d. Support/Test Equipment				
	e. Tooling/Equipment/Software		e. Technical Manuals				
	f. Other (specify)		f. Training/Training Equipment				
			g. Installation Costs				
			h. Other (specify)				
	g. Total Engineering and Design Costs			i. Total Implementation Costs			
Total Solution Costs (sum of 1.g and 2.i)							
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).						
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act							

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page Next Page						
Section 5.a: Repair, Refurbishment, or Reclamation I						
A	Repair, Refurbishment, or Reclamation Definition:		The obsolescence issue is resolved by instituting a repair or refurbishment program for the existing item or assembly, whether a depot repair, a repair contract with the original manufacturer, or support from a third party.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.						
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.					
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)					
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/solution's application characteristics.					
	Part Type		Commodity		Environment	
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.					
Note: A separate tab must be used for each unique combination of parts A, C, and D above.						
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.						
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Reported Costs Are (actual or estimated):						
<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>			
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation			
	b. Qualification of New Items		b. Interim Support			
	c. Software Development or Modification		c. Supply/ Provisioning Data			
	d. Startup Costs		d. Support/Test Equipment			
	e. Tooling/Equipment/Software		e. Technical Manuals			
	f. Other (specify)		f. Training/Training Equipment			
			g. Installation Costs			
	g. Total Engineering and Design Costs		h. Other (specify)			
			i. Total Implementation Costs			
Total Solution Costs (sum of 1.g and 2.i)						
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).					
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act						

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page			
Section 5.b: Repair, Refurbishment, or Reclamation II					
A	Repair, Refurbishment, or Reclamation Definition:	The obsolescence issue is resolved by instituting a repair or refurbishment program for the existing item or assembly, whether a depot repair, a repair contract with the original manufacturer, or support from a third party.			
	If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.				
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
Note: A separate tab must be used for each unique combination of parts A, C, and D above.					
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.					
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs					
Reported Costs Are (<i>actual</i> or <i>estimated</i>):					
F	<u>1. Solution Engineering and Design</u>		<u>2. Solution Implementation</u>		
	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
g. Total Engineering and Design Costs			i. Total Implementation Costs		
Total Solution Costs (sum of 1.g and 2.i)					
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act					

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page			
Section 5.c: Repair, Refurbishment, or Reclamation III					
A	Repair, Refurbishment, or Reclamation Definition:	The obsolescence issue is resolved by instituting a repair or refurbishment program for the existing item or assembly, whether a depot repair, a repair contract with the original manufacturer, or support from a third party.			
	If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.				
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
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	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
g. Total Engineering and Design Costs			i. Total Implementation Costs		
Total Solution Costs (sum of 1.g and 2.i)					
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 6.a: Extension of Production or Support I																																																			
A	Extension of Production or Support Definition:	The supplier is incentivized to continue providing the obsolete items. This may involve long-term agreements to procure specific quantities of parts. One-time costs may be associated with setting up this solution. Those costs should be included in any cost and cost avoidance calculations.																																																	
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BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act																																																			

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page			
Section 6.b: Extension of Production or Support II					
A	Extension of Production or Support Definition:	The supplier is incentivized to continue providing the obsolete items. This may involve long-term agreements to procure specific quantities of parts. One-time costs may be associated with setting up this solution. Those costs should be included in any cost and cost avoidance calculations.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
					Specify Other
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.				
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F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
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G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 6.c: Extension of Production or Support III					
A	Extension of Production or Support Definition:	The supplier is incentivized to continue providing the obsolete items. This may involve long-term agreements to procure specific quantities of parts. One-time costs may be associated with setting up this solution. Those costs should be included in any cost and cost avoidance calculations.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
					Specify Other
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
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<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>		
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 7.a: Simple Substitute I							
A	Simple Substitute Definition:	The item is replaced with an existing item that meets all requirements without modification to either the item or its NHA and requires only minimal qualification. Associated costs are largely administrative.					
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.							
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)						
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/solution's application characteristics.						
	Part Type		Commodity		Environment		
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.						
Note: A separate tab must be used for each unique combination of parts A, C, and D above.							
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If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs							
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1. Solution Engineering and Design				2. Solution Implementation			
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	d. Startup Costs		d. Support/Test Equipment				
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	f. Other (specify)		f. Training/Training Equipment				
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g. Total Engineering and Design Costs				i. Total Implementation Costs			
Total Solution Costs (sum of 1.g and 2.i)							
Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).							
G							
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act							

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page					
Section 7.b: Simple Substitute II							
A	Simple Substitute Definition:	The item is replaced with an existing item that meets all requirements without modification to either the item or its NHA and requires only minimal qualification. Associated costs are largely administrative.					
		If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)						
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/solution's application characteristics.						
	Part Type		Commodity		Environment		
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.						
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.						
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1. Solution Engineering and Design				2. Solution Implementation			
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			h. Other (specify)				
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BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act							

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page					
Section 7.c: Simple Substitute III							
A	Simple Substitute Definition:	The item is replaced with an existing item that meets all requirements without modification to either the item or its NHA and requires only minimal qualification. Associated costs are largely administrative.					
		If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
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D	Identify your product/solution's application characteristics.						
	Part Type		Commodity		Environment		
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.						
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.						
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.							
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs							
Reported Costs Are (<i>actual</i> or <i>estimated</i>):							
1. Solution Engineering and Design				2. Solution Implementation			
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation				
	b. Qualification of New Items		b. Interim Support				
	c. Software Development or Modification		c. Supply/ Provisioning Data				
	d. Startup Costs		d. Support/Test Equipment				
	e. Tooling/Equipment/Software		e. Technical Manuals				
	f. Other (specify)		f. Training/Training Equipment				
			g. Installation Costs				
			h. Other (specify)				
	g. Total Engineering and Design Costs				i. Total Implementation Costs		
Total Solution Costs (sum of 1.g and 2.i)							
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).						
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act							

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page			
Section 8.a: Complex Substitute I					
A	Complex Substitute Definition:	A replacement item that has different specifications, but requires no modification of the source product or the NHA, is researched and validated.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
					Specify Other
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.				
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Reported Costs Are (<i>actual</i> or <i>estimated</i>):					
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F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
	Total Solution Costs (sum of 1.g and 2.i)				
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 8.b: Complex Substitute II																																															
A	Complex Substitute Definition:	A replacement item that has different specifications, but requires no modification of the source product or the NHA, is researched and validated.																																													
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.																																															
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BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act																																															

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page	
Section 8.c: Complex Substitute III			
A	Complex Substitute Definition:	A replacement item that has different specifications, but requires no modification of the source product or the NHA, is researched and validated.	
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.			
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.		
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)		
	Army	Navy	Air Force
			Marines
			Other Department of Defense
			Specify Other
D	Identify your product/solution's application characteristics.		
	Part Type		Commodity
			Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.		
Note: A separate tab must be used for each unique combination of parts A, C, and D above.			
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.			
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs			
Reported Costs Are (<i>actual</i> or <i>estimated</i>):			
1. Solution Engineering and Design		2. Solution Implementation	
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation
	b. Qualification of New Items		b. Interim Support
	c. Software Development or Modification		c. Supply/ Provisioning Data
	d. Startup Costs		d. Support/Test Equipment
	e. Tooling/Equipment/Software		e. Technical Manuals
	f. Other (specify)		f. Training/Training Equipment
			g. Installation Costs
			h. Other (specify)
	g. Total Engineering and Design Costs		i. Total Implementation Costs
Total Solution Costs (sum of 1.g and 2.i)			
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).		
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page			
Section 9.a: Development of a New Item or Source I					
A	Development of a New Item or Source Definition:	A replacement product is developed that meets the requirements of the original product without affecting the NHA. Nonrecurring engineering or other development-related activities will likely be required. The new product may be an emulation, a reverse-engineered product, or a product developed as a replacement using a different manufacturer but the original manufacturing designs and processes.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
					Specify Other
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.				
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.					
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F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
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	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
	Total Solution Costs (sum of 1.g and 2.i)				
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page			
Section 9.b: Development of a New Item or Source II					
A	Development of a New Item or Source Definition:	A replacement product is developed that meets the requirements of the original product without affecting the NHA. Nonrecurring engineering or other development-related activities will likely be required. The new product may be an emulation, a reverse-engineered product, or a product developed as a replacement using a different manufacturer but the original manufacturing designs and processes.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
					Specify Other
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.				
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.					
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs					
Reported Costs Are (<i>actual</i> or <i>estimated</i>):					
<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>		
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
	Total Solution Costs (sum of 1.g and 2.i)				
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page			
Section 9.c: Development of a New Item or Source III					
A	Development of a New Item or Source Definition:	A replacement product is developed that meets the requirements of the original product without affecting the NHA. Nonrecurring engineering or other development-related activities will likely be required. The new product may be an emulation, a reverse-engineered product, or a product developed as a replacement using a different manufacturer but the original manufacturing designs and processes.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
					Specify Other
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.				
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.					
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1.g: Total Engineering and Design Costs					
2.i: Total Implementation Costs					
Reported Costs Are (<i>actual</i> or <i>estimated</i>):					
<div style="display: flex; justify-content: space-between;"> <u>1. Solution Engineering and Design</u> <u>2. Solution Implementation</u> </div>					
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
	Total Solution Costs (sum of 1.g and 2.i)				
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 10.a: Redesign - NHA I					
A	Redesign - NHA Definition:	The affected item's NHA must be modified. Only the NHA is affected, and the new design will not affect anything at a higher level in the system.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
					Specify Other
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
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<div> <div>1. Solution Engineering and Design</div> <div>2. Solution Implementation</div> </div>					
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
	Total Solution Costs (sum of 1.g and 2.i)				
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 10.b: Redesign - NHA II			
A	Redesign - NHA Definition:	The affected item's NHA must be modified. Only the NHA is affected, and the new design will not affect anything at a higher level in the system.	
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.			
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.		
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)		
	Army	Navy	Air Force
			Marines
			Other Department of Defense
			Specify Other
D	Identify your product/solution's application characteristics.		
	Part Type		Commodity
			Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.		
Note: A separate tab must be used for each unique combination of parts A, C, and D above.			
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.			
If you cannot provide cost breakdowns at the level of detail required below, please provide:			
1.g: Total Engineering and Design Costs			
2.i: Total Implementation Costs			
Reported Costs Are (<i>actual</i> or <i>estimated</i>):			
1. Solution Engineering and Design		2. Solution Implementation	
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation
	b. Qualification of New Items		b. Interim Support
	c. Software Development or Modification		c. Supply/ Provisioning Data
	d. Startup Costs		d. Support/Test Equipment
	e. Tooling/Equipment/Software		e. Technical Manuals
	f. Other (specify)		f. Training/Training Equipment
			g. Installation Costs
			h. Other (specify)
g. Total Engineering and Design Costs			i. Total Implementation Costs
Total Solution Costs (sum of 1.g and 2.i)			
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).		
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page	
Section 10.c: Redesign - NHA III			
A	Redesign - NHA Definition:	The affected item's NHA must be modified. Only the NHA is affected, and the new design will not affect anything at a higher level in the system.	
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.			
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.		
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)		
	Army	Navy	Air Force
			Marines
			Other Department of Defense
			Specify Other
D	Identify your product/solution's application characteristics.		
	Part Type	Commodity	Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.		
Note: A separate tab must be used for each unique combination of parts A, C, and D above.			
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.			
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs			
		Reported Costs Are (<i>actual</i> or <i>estimated</i>):	
1. Solution Engineering and Design		2. Solution Implementation	
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation
	b. Qualification of New Items		b. Interim Support
	c. Software Development or Modification		c. Supply/ Provisioning Data
	d. Startup Costs		d. Support/Test Equipment
	e. Tooling/Equipment/Software		e. Technical Manuals
	f. Other (specify)		f. Training/Training Equipment
			g. Installation Costs
			h. Other (specify)
g. Total Engineering and Design Costs		i. Total Implementation Costs	
Total Solution Costs (sum of 1.g and 2.i)			
Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).			
G			
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 11.a: Redesign - Complex/System Replacement I					
A	Redesign - Complex/System Replacement Definition:	A major assembly redesign affects assemblies beyond the obsolete item's NHA and may require that higher-level assemblies, software, and interfaces be changed.			
If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
					Specify Other
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.				
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.					
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs					
		Reported Costs Are (<i>actual</i> or <i>estimated</i>):			
<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>		
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
Total Solution Costs (sum of 1.g and 2.i)					
Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).					
G					
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page			
Section 11.b: Redesign - Complex/System Replacement II					
A	Redesign - Complex/System Replacement Definition:	A major assembly redesign affects assemblies beyond the obsolete item's NHA and may require that higher-level assemblies, software, and interfaces be changed.			
	If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.				
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
Note: A separate tab must be used for each unique combination of parts A, C, and D above.					
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.					
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs					
Reported Costs Are (<i>actual</i> or <i>estimated</i>):					
F	<u>1. Solution Engineering and Design</u>		<u>2. Solution Implementation</u>		
	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
			g. Total Engineering and Design Costs	i. Total Implementation Costs	
Total Solution Costs (sum of 1.g and 2.i)					
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act					

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 11.c: Redesign - Complex/System Replacement III					
A	Redesign - Complex/System Replacement Definition:	A major assembly redesign affects assemblies beyond the obsolete item's NHA and may require that higher-level assemblies, software, and interfaces be changed.			
	If this product/solution was not used, please select "Not Applicable" to the right and proceed to the next section.				
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
Note: A separate tab must be used for each unique combination of parts A, C, and D above.					
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.					
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs					
Reported Costs Are (<i>actual</i> or <i>estimated</i>):					
F	<u>1. Solution Engineering and Design</u>		<u>2. Solution Implementation</u>		
	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
g. Total Engineering and Design Costs			i. Total Implementation Costs		
Total Solution Costs (sum of 1.g and 2.i)					
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 12: Certification

The undersigned certifies that the information herein supplied in response to this questionnaire is complete and correct to the best of his/her knowledge. It is a criminal offense to willfully make a false statement or representation to any department or agency of the United States Government as to any matter within its jurisdiction (18 U.S.C.A. 1001 (1984 & SUPP. 1197))

Company/Organization Name	
Name of Authorizing Official	
Title of Authorizing Official	
Email Address	
Phone Number	
Website	
Date Certified	
Would you like a free copy of the final report?	
How many hours did it take to complete this survey?	

In the box below, provide any additional comments or any other information you wish to include regarding this survey assessment.

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Section 13.a: Additional DMSMS Solution I							
Please select the <i>SOLUTION</i> area described in this tab.							
A	Definition:	N/A					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)						
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/solution's application characteristics.						
	Part Type		Commodity		Environment		
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.						
Note: A separate tab must be used for each unique combination of parts A, C, and D above.							
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.							
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs							
Reported Costs Are (<i>actual</i> or <i>estimated</i>):							
F	1. Solution Engineering and Design			2. Solution Implementation			
	a. Engineering/Engineering Data Revision			a. Computer Programs/Documentation			
	b. Qualification of New Items			b. Interim Support			
	c. Software Development or Modification			c. Supply/ Provisioning Data			
	d. Startup Costs			d. Support/Test Equipment			
	e. Tooling/Equipment/Software			e. Technical Manuals			
	f. Other (specify)			f. Training/Training Equipment			
				g. Installation Costs			
	g. Total Engineering and Design Costs			h. Other (specify)			
				i. Total Implementation Costs			
Total Solution Costs (sum of 1.g and 2.i)							
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).						
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 13.b: Additional DMSMS Solution II					
Please select the <i>SOLUTION</i> area described in this tab.					
A	Definition:	N/A			
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.				
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.					
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs					
Reported Costs Are (<i>actual</i> or <i>estimated</i>):					
<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>		
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
Total Solution Costs (sum of 1.g and 2.i)					
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 13.c: Additional DMSMS Solution III					
Please select the <i>SOLUTION</i> area described in this tab.					
A	Definition:	N/A			
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
	Note: A separate tab must be used for each unique combination of parts A, C, and D above.				
F	<p>Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.</p> <p>If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs</p>				
	Reported Costs Are (<i>actual</i> or <i>estimated</i>):				
	<u>1. Solution Engineering and Design</u>		<u>2. Solution Implementation</u>		
	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
	g. Total Engineering and Design Costs		h. Other (specify)		
			i. Total Implementation Costs		
	Total Solution Costs (sum of 1.g and 2.i)				
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 13.d: Additional DMSMS Solution IV							
Please select the <i>SOLUTION</i> area described in this tab.							
A	Definition:	N/A					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)						
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/solution's application characteristics.						
	Part Type		Commodity		Environment		
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.						
Note: A separate tab must be used for each unique combination of parts A, C, and D above.							
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.							
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs							
Reported Costs Are (<i>actual</i> or <i>estimated</i>):							
F	<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>			
	a. Engineering/Engineering Data Revision			a. Computer Programs/Documentation			
	b. Qualification of New Items			b. Interim Support			
	c. Software Development or Modification			c. Supply/ Provisioning Data			
	d. Startup Costs			d. Support/Test Equipment			
	e. Tooling/Equipment/Software			e. Technical Manuals			
	f. Other (specify)			f. Training/Training Equipment			
				g. Installation Costs			
	g. Total Engineering and Design Costs			h. Other (specify)			
				i. Total Implementation Costs			
Total Solution Costs (sum of 1.g and 2.i)							
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).						
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 13.e: Additional DMSMS Solution V						
Please select the <i>SOLUTION</i> area described in this tab.						
A	Definition:	N/A				
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.					
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)					
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/solution's application characteristics.					
	Part Type		Commodity		Environment	
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.					
Note: A separate tab must be used for each unique combination of parts A, C, and D above.						
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.						
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs						
Reported Costs Are (<i>actual</i> or <i>estimated</i>):						
<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>			
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation			
	b. Qualification of New Items		b. Interim Support			
	c. Software Development or Modification		c. Supply/ Provisioning Data			
	d. Startup Costs		d. Support/Test Equipment			
	e. Tooling/Equipment/Software		e. Technical Manuals			
	f. Other (specify)		f. Training/Training Equipment			
			g. Installation Costs			
			h. Other (specify)			
	g. Total Engineering and Design Costs		i. Total Implementation Costs			
Total Solution Costs (sum of 1.g and 2.i)						
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).					
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page					
Section 13.f: Additional DMSMS Solution VI							
Please select the <i>SOLUTION</i> area described in this tab.							
A	Definition:	N/A					
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)						
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/solution's application characteristics.						
	Part Type		Commodity		Environment		
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.						
Note: A separate tab must be used for each unique combination of parts A, C, and D above.							
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.							
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs							
Reported Costs Are (<i>actual</i> or <i>estimated</i>):							
F	<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>			
	a. Engineering/Engineering Data Revision			a. Computer Programs/Documentation			
	b. Qualification of New Items			b. Interim Support			
	c. Software Development or Modification			c. Supply/ Provisioning Data			
	d. Startup Costs			d. Support/Test Equipment			
	e. Tooling/Equipment/Software			e. Technical Manuals			
	f. Other (specify)			f. Training/Training Equipment			
				g. Installation Costs			
	g. Total Engineering and Design Costs			h. Other (specify)			
				i. Total Implementation Costs			
Total Solution Costs (sum of 1.g and 2.i)							
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).						
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act							

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 13.g: Additional DMSMS Solution VII						
Please select the <i>SOLUTION</i> area described in this tab.						
A	Definition:	N/A				
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.					
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)					
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/solution's application characteristics.					
	Part Type		Commodity		Environment	
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.					
	Note: A separate tab must be used for each unique combination of parts A, C and D above.					
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.						
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs						
Reported Costs Are (<i>actual</i> or <i>estimated</i>):						
F	<u>1. Solution Engineering and Design</u>		<u>2. Solution Implementation</u>			
	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation			
	b. Qualification of New Items		b. Interim Support			
	c. Software Development or Modification		c. Supply/ Provisioning Data			
	d. Startup Costs		d. Support/Test Equipment			
	e. Tooling/Equipment/Software		e. Technical Manuals			
	f. Other (specify)		f. Training/Training Equipment			
			g. Installation Costs			
	g. Total Engineering and Design Costs		h. Other (specify)			
			i. Total Implementation Costs			
		Total Solution Costs (sum of 1.g and 2.i)				
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).					
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act						

Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page		Next Page				
Section 13.h: Additional DMSMS Solution VIII						
Please select the <i>SOLUTION</i> area described in this tab.						
A	Definition:	N/A				
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.					
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)					
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/solution's application characteristics.					
	Part Type		Commodity		Environment	
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.					
Note: A separate tab must be used for each unique combination of parts A, C, and D above.						
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.						
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs						
Reported Costs Are (<i>actual</i> or <i>estimated</i>):						
<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>			
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation			
	b. Qualification of New Items		b. Interim Support			
	c. Software Development or Modification		c. Supply/ Provisioning Data			
	d. Startup Costs		d. Support/Test Equipment			
	e. Tooling/Equipment/Software		e. Technical Manuals			
	f. Other (specify)		f. Training/Training Equipment			
			g. Installation Costs			
			h. Other (specify)			
	g. Total Engineering and Design Costs		i. Total Implementation Costs			
Total Solution Costs (sum of 1.g and 2.i)						
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).					
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

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Section 13.i: Additional DMSMS Solution IX					
Please select the <i>SOLUTION</i> area described in this tab.					
A	Definition:	N/A			
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.				
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)				
	Army	Navy	Air Force	Marines	Other Department of Defense
					Specify Other
D	Identify your product/solution's application characteristics.				
	Part Type		Commodity		Environment
E	How many DMSMS issues of this type will you be reporting on this tab? If greater than one, the costs reported should be the average cost of the items reported.				
	Note: A separate tab must be used for each unique combination of parts A, C and D above.				
Please enter the costs associated with each applicable category (in dollars) to the best of your knowledge and specify whether it is actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.					
If you cannot provide cost breakdowns at the level of detail required below, please provide: 1.g: Total Engineering and Design Costs 2.i: Total Implementation Costs					
Reported Costs Are (<i>actual</i> or <i>estimated</i>):					
<u>1. Solution Engineering and Design</u>			<u>2. Solution Implementation</u>		
F	a. Engineering/Engineering Data Revision		a. Computer Programs/Documentation		
	b. Qualification of New Items		b. Interim Support		
	c. Software Development or Modification		c. Supply/ Provisioning Data		
	d. Startup Costs		d. Support/Test Equipment		
	e. Tooling/Equipment/Software		e. Technical Manuals		
	f. Other (specify)		f. Training/Training Equipment		
			g. Installation Costs		
			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs		
Total Solution Costs (sum of 1.g and 2.i)					
G	Comments: Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allow us to better understand the nature of your solution).				
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Part D dropdown options:

Part Type:

1. Assembly
2. Component
3. Raw Material
4. Software

Commodity:

1. Electrical
2. Electronics
3. Mechanical

Operating Environment:

1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space
6. Undersea

Previous Page																																																		
Section 13.j: Additional DMSMS Solution X																																																		
Please select the <i>SOLUTION</i> area described in this tab.																																																		
A	Definition:	N/A																																																
B	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.																																																	
C	Indicate which Armed Forces Services you provide this product/solution to. (Select all that apply)																																																	
	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other																																												
D	Identify your product/solution's application characteristics.																																																	
	Part Type		Commodity		Environment																																													
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