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OMB Control Number: 0694-0119
Expiration Date: September 30, 2014

#### **DEFENSE INDUSTRIAL BASE ASSESSMENT:**

# Diminishing Manufacturing Sources and Material Shortages Cost Resolution Values Survey



#### SCOPE OF ASSESSMENT

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.

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.

#### RESPONSE TO THIS SURVEY IS REQUIRED BY LAW

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 Information furnished herewith is deemed confidential and will not be published or disclosed except in accordance with Section 705 of the Defense Production Act of 1950, as amended (50 U.S.C App.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.

Not withstanding 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.

#### **BURDEN ESTIMATE AND REQUEST FOR COMMENT**

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.

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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 Deparment 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: <a href="http://www.dmsms.org">http://www.dmsms.org</a>

DOD DMSMS Guidebook v2.1: <a href="http://www.dmsms.org/file.jsp?storename=ov">http://www.dmsms.org/file.jsp?storename=ov</a> 6 .pdf

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	Term	Sec	tion III: Definitions - Acronyms, Solution Types, Solution Characteristics  Definition
	BCA		Business Case Analysis
	DMSMS		Diminishing Manufacturing Sources and Material Shortages
Acronyms	ECP		Engineering Change Proposal
	NHA		Next Higher Assembly
	NRE		Non-Recurring Engineering
	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 distributers, sponsor-owned material, etc. Costs for packaging, storage, and transportation should be considered in the BCA for selecting solutions.
	Repair, Refurbishn Reclamation	nent or	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 Produ	uction 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.
Solution Types	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 Substitut	e	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.
	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.
		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.
	Commodity	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.
		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.
	Operating	Ground	The part or equipment is used in a tactical ground environment.
	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.
	Engineering/	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.
	Engineering Data Revision	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	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.
	New Items	Examples	Develop/modify test procedures, develop/modify test equipment, functional testing, unit environmental testing
Solution	Software Development or	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.
Engineering and Design	Modification	Examples	Software procurement, application design, application development, application integration, beta test plan, software testing
	Startup Costs	Definition	The one-time costs associated with getting production started or restarted.
	(Aftermarket, etc)	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.
	Soltware	Examples	Test equipment, prototyping tooling, software
	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/	Definition	The costs associated with updating records and data with the new solution information.
	Provisioning Data	Examples	Level of repair analysis, provisioning, generation of procurement documentation, supply support, development of a maintenance plan
Solution	Support/Test	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.
Implementation	Equipment	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	Definition	The costs for purchasing new or updating existing training devices, training materials, and training to accommodate the solution.
	Equipment	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.	
		Evamples	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					
Α.	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.					
В.	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 Inf	formation	
Company/Organization N	ame				
Street Address					
City					
State					
Zip Code					
Phone Number					
Fax Number					
Website					
	Pli		ent Type that best describes y		on:
		Point(s)	of Contact for this Survey's Co	mpletion	
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	Does the part qualify as:	What environment does the DMSMS product/solution function
concern:	Electrical	in:
Assembly	Electronics	Aviation
Component	Mechanical	Benign or Non-Tactical
Raw Material		Ground
Software		Shipboard
		Space
		I to descen

#### 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: App	roved Part I				
Α	Approved Part Definition:	The obsolescence issue	e is resolved by the use	of items already appro	oved on the drawing and	I still in production.		
_	this product/solution was not used, please select "Not Applicable" to the right and proceed to e next section.							
В	Briefly explain the issue	e for which this solution	n was developed, inclu	ding the applicable pro	gram and specific proble	em.		
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a				
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other		
_	Identify your product/s	solution's application cl	haracteristics.					
D	Part Type		Commodity		Environment			
Е	How many DMSMS isso should be the average			ab? If greater than one	, the costs reported			
	Note: A separate tab n	nust be used for each u	nique combination of p	parts A, C, and D above.				
	If you cannot provide of 1.g: Total Engineering a	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						
	4.6-1		actual or estimated ):	2	Colorian Involuence			
	<u>1. Solu</u>	ution Engineering and I	<u>Design</u>	a. Computer Programs	Solution Implementation	<u>on</u>		
F	a. Engineering/Engineering Data Revision			b. Interim Support	,			
	b. Qualification of New	Items		c. Supply/ Provisioning Data				
	c. Software Developme	ent or Modification		d. Support/Test Equipment e. Technical Manuals				
	d. Startup Costs			f. Training/Training Equipment				
	e. Tooling/Equipment/	Software		g. Installation Costs				
	f. Other (specify)			h. Other (specify)				
	g. Total Engineering ar	g. Total Engineering and Design Costs			on Costs			
	Total Solution Costs (sum of 1.g and 2.i)							
	Comments: Please pro us to better understan		·	ct the DMSMS issue affo	ected and the solution u	ised. (This will allow		
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Part Type: Commodity: Operating Environment:

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

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

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			Section 3.b: App	roved Part II			
Α	Approved Part Definition:	The obsolescence issue	e is resolved by the use	e of items already appro	oved on the drawing and	d still in production.	
	s product/solution was i next section.	not used, please select	"Not Applicable" to the	e right and proceed to			
В	Briefly explain the issue	e for which this solutio	n was developed, inclu	ding the applicable pro	gram and specific proble	em.	
Б	В						
	Indicate which Armed I	Forces Services you pro	ovide this product/solu	tion to. (Select all that a			
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
		1 1					
D	Identify your product/s	solution's application c	naracteristics.		1		
	Part Type		Commodity		Environment		
E	should be the average	cost of the items repor	ted.	ab? If greater than one			
	Note: A separate tab m						
	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 (	actual or estimated ):				
	<u>1. Solu</u>	ition Engineering and	<u>Design</u>	<u>2.</u>	Solution Implementati	<u>on</u>	
	a. Engineering/Enginee	ring Data Povision		a. Computer Programs	s/Documentation		
F				b. Interim Support			
	b. Qualification of New	Items		c. Supply/ Provisioning			
	c. Software Development or Modification			d. Support/Test Equipment e. Technical Manuals			
	d. Startup Costs			f. Training/Training Eq			
	e. Tooling/Equipment/S	Software		g. Installation Costs	шрттепс		
	f. Other (specify)	Software		h. Other (specify)			
		g. Total Engineering and Design Costs			on Costs		
	Total Solution Costs (sum of 1.g and 2.i)						
	Comments: Please pro	vide some additional d	etails about the produc	ct the DMSMS issue affo	ected and the solution u	ised. (This will allow	
	us to better understand	d the nature of your so	lution).				
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Part Type: Commodity: Operating Environment:

1. Assembly
1. Electrical
2. Component
2. Electronics
3. Raw Material
4. Software
3. Mechanical
4. Shipboard
5. Space

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			Section 3.c: Appr	roved Part III			
Α	Approved Part Definition:	The obsolescence issue	e is resolved by the use	of items already appro	oved on the drawing and	I still in production.	
_	this product/solution was not used, please select "Not Applicable" to the right and proceed to ne next section.						
В	Briefly explain the issue	e for which this solution	n was developed, inclu	ding the applicable pro	gram and specific proble	em.	
	Indicate which Armed F	Forces Services you pro	ovide this product/solut	tion to. (Select all that a			
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
-	Identify your product/s	solution's application cl	haracteristics.				
D	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 m	nust be used for each u	nique combination of p	parts A, C, and D above			
	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 (	actual or estimated):				
	<u>1. Solu</u>	ition Engineering and I	<u>Design</u>		Solution Implementation	<u>on</u>	
F	a. Engineering/Enginee	ring Data Revision		<ul><li>a. Computer Programs</li><li>b. Interim Support</li></ul>	s/Documentation		
	b. Qualification of New	Items		c. Supply/ Provisioning			
	c. Software Developme	ent or Modification		d. Support/Test Equipment			
	d. Startup Costs			e. Technical Manuals f. Training/Training Equipment			
	e. Tooling/Equipment/S	Software		g. Installation Costs			
	f. Other (specify)			h. Other (specify)			
	g. Total Engineering an	d Design Costs		i. Total Implementation Costs			
	Total Solution Costs (sum of 1.g and 2.i)						
	Comments: Please provus to better understand			ct the DMSMS issue afformation	ected and the solution ι	ised. (This will allow	
G							
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Part Type: Commodity: Operating Environment:

1. Assembly 1. Electrical 1. Aviation
2. Component 2. Electronics 2. Benign or Non-Tactical
3. Raw Material 3. Mechanical 3. Ground
4. Software 4. Shipboard

5. Space6. Undersea

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			Section 4.a: Life o	of Need Buy I				
Α	Life of Need to Buy Definition:	lare required. The source of supply can be residual stock from the original manufacturer, shelf stock from						
_	is product/solution was next section.	not used, please select	"Not Applicable" to the	right and proceed to				
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.							
	Indicate which Armed	Forces Services you pro	ovide this product/solut	cion to. (Select all that a				
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other		
D	Identify your product/	solution's application cl	haracteristics.					
U	Part Type		Commodity		Environment			
E	should be the average	sues of this type will you e cost of the items repor must be used for each u	rted.					
	If you cannot provide 1.g: Total Engineering	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						
	1 Sol	ution Engineering and I	actual or estimated):	2	Solution Implementati			
			Design	a. Computer Programs/Documentation				
F	a. Engineering/Engine	ering Data Revision		b. Interim Support				
	b. Qualification of Nev	v Items		c. Supply/ Provisioning				
	c. Software Developm	ent or Modification		d. Support/Test Equipment e. Technical Manuals				
	d. Startup Costs			f. Training/Training Equipment				
	e. Tooling/Equipment,	/Software		g. Installation Costs				
	f. Other (specify)			h. Other (specify)				
	g. Total Engineering a	nd Design Costs		i. Total Implementation Costs				
		Total Solution Co	osts (sum of 1.g and 2.i)					
		ovide some additional d nd the nature of your so	·	t the DMSMS issue affe	ected and the solution (	used. (This will allow		
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Part Type: Commodity: Operating Environment:

1. Assembly
1. Electrical
2. Component
2. Electronics
3. Raw Material
3. Mechanical
4. Software
4. Shipboard
5. Space

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			Section 4.b: Life o	of Need Buy II				
Α	Life of Need to Buy Definition:	are required. The source of supply can be residual stock from the original manufacturer, shelf stock from						
If thi	s product/solution was	not used, please select	"Not Applicable" to the	right and proceed to				
_	next section.							
	Dairette en la institución	- f letele alete leate		alta a sha a sa a lta a la la sa a s		1		
В	Briefly explain the issu	e for which this solutio	n was developed, inclu-	ding the applicable pro	gram and specific probl	em.		
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	apply)			
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other		
D	Identify your product/	solution's application c	haracteristics.					
	Part Type		Commodity		Environment			
Е	should be the average	cost of the items repor	rted.	ab? If greater than one parts A, C, and D above.	·			
	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 (	actual or estimated):					
	<u>1. Sol</u>	ution Engineering and	<u>Design</u>	2. Solution Implementation				
	a. Engineering/Enginee	ering Data Revision		a. Computer Programs	/Documentation			
F				b. Interim Support				
	b. Qualification of New	v Items		c. Supply/ Provisioning Data				
	c. Software Developme	ent or Modification		d. Support/Test Equip	ment			
	d. Startup Costs			e. Technical Manuals f. Training/Training Eq	uinment			
	e. Tooling/Equipment/	/Software		g. Installation Costs	шритенс			
	f. Other (specify)			h. Other (specify)				
	g. Total Engineering a	nd Design Costs		i. Total Implementation	on Costs			
		Total Solution Co	osts (sum of 1.g and 2.i)					
	·	ovide some additional d	·	ct the DMSMS issue affe	ected and the solution	used. (This will allow		
G								
		BUSINESS CONFID	DENTIAL - Per Section 7	05(d) of the Defense P	roduction Act			

diopuowii options.		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard

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6. Undersea

5. Space

Prev	revious Page Next Page							
			Section 4.c: Life o	f Need Buy III				
Α	Life of Need to Buy Definition:	are required. The source of supply can be residual stock from the original manufacturer, shelf stock from						
If thi	s product/solution was	not used, please select	"Not Applicable" to the	right and proceed to				
-	next section.							
	Duiafly avalain the issue			dina tha anniachta nua				
В	Briefly explain the issu	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	apply)			
С	Army	Navy	Air Force	Marines	Other Department of	Specify Other		
	,	,			Defense	, ,		
	Identify your product/	solution's application cl	haracteristics.					
D	Part Type		Commodity		Environment			
E	should be the average	ues of this type will you cost of the items repor must be used for each u	rted.	_	·			
	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 (	actual or estimated):					
	<u>1. Sol</u>	ution Engineering and I	<u>Design</u>	2. Solution Implementation				
F	a. Engineering/Enginee	ering Data Revision		a. Computer Programs	/Documentation			
ľ				b. Interim Support	- D-t-			
	b. Qualification of New	/ items		c. Supply/ Provisioning				
	c. Software Developme	ent or Modification		d. Support/Test Equipa e. Technical Manuals	nent			
	d. Startup Costs			f. Training/Training Eq	uinment			
	e. Tooling/Equipment/	/Software		g. Installation Costs				
	f. Other (specify)			h. Other (specify)				
	g. Total Engineering a	nd Design Costs		i. Total Implementatio	on Costs			
		Total Solution Co	osts (sum of 1.g and 2.i)					
	·	ovide some additional d	·	ct the DMSMS issue affe	ected and the solution	used. (This will allow		
G								
		BUSINESS CONFID	DENTIAL - Per Section 7	05(d) of the Defense P	roduction Act			

ar opaottii optionoi		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

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		Section	n 5.a: Repair, Refurbis	hment, or Reclamation	I		
Α	Repair, Refurbishment, or Reclamation Definition:		•	•	nment program for the e manufacturer, or suppo	•	
-	is product/solution was next section.	s not used, please select	"Not Applicable" to the	e right and proceed to			
Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.							
	Indicate which Armed	l Forces Services you pro	vide this product/solu	tion to. (Select all that a	apply)		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
_	Identify your product	/solution's application ch	naracteristics.				
D	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.						
	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						
	1 50	Reported Costs Are (a		2	Solution Implementation	ın.	
	1.30	dution Engineering and E	<del>/esigii</del>	a. Computer Programs/Documentation		<u></u>	
F	a. Engineering/Engine	eering Data Revision		b. Interim Support	y Documentation		
	b. Qualification of Ne	w Items		c. Supply/ Provisioning	Data		
	c. Software Developm	nent or Modification		<ul><li>d. Support/Test Equipout</li><li>e. Technical Manuals</li></ul>	nent		
	d. Startup Costs			f. Training/Training Eq	uipment		
	e. Tooling/Equipment	/Software		g. Installation Costs			
	f. Other (specify)			h. Other (specify)			
	g. Total Engineering and Design Costs		i. Total Implementation	on Costs			
		Total Solution Cos	sts (sum of 1.g and 2.i)				
G		ovide some additional d nd the nature of your so	•	ct the DMSMS issue aff	ected and the solution u	sed. (This will allow	
3							
	•	BUSINESS CONFID	ENTIAL - Per Section 7	05(d) of the Defense Pr	oduction Act		

Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space
		6. Undersea

Prev	revious Page Next Page							
		Section	n 5.b: Repair, Refurbisl	hment, or Reclamation	11			
А	Repair, Refurbishment, or Reclamation Definition:	The obsolescence issue assembly, whether a d	•	•	nment program for the o	_		
-	is product/solution was next section.	s not used, please select	"Not Applicable" to the	e right and proceed to				
В	Briefly explain the issue for which this solution was developed, including the applicable program and sp				gram and specific probl	em.		
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	apply)			
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other		
	Identify your product/	/solution's application ch	haracteristics.					
D	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.							
	1.g: Total Engineering	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 (actual or estimated):						
	1, Sol	lution Engineering and I		2.	Solution Implementati	on		
			<del>Jesigi.</del>	a. Computer Programs/Documentation				
F	a. Engineering/Enginee	ering Data Revision		b. Interim Support				
	b. Qualification of New	w Items		c. Supply/ Provisioning	g Data			
	c. Software Developm	ent or Modification		d. Support/Test Equipment				
	d. Startup Costs			<ul><li>e. Technical Manuals</li><li>f. Training/Training Eq</li></ul>	uinment			
	e. Tooling/Equipment/	/Software		g. Installation Costs	шрителе			
	f. Other (specify)			h. Other (specify)				
	g. Total Engineering and Design Costs		i. Total Implementation Costs					
		Total Solution Co	osts (sum of 1.g and 2.i)					
		ovide some additional dendering the nature of your so		ct the DMSMS issue affe	ected and the solution u	used. (This will allow		
G								
		BUSINESS CONFID	ENTIAL - Per Section 7	'05(d) of the Defense Pi	roduction Act			

Part Type: Commodity: Operating Environment:

1. Assembly 1. Electrical 1. Aviation

2. Component2. Electronics2. Benign or Non-Tactical

3. Raw Material 3. Mechanical 3. Ground

6. Undersea

4. Software 4. Shipboard 5. Space

Prev	revious Page Next Page						
		Section	n 5.c: Repair, Refurbish	nment, or Reclamation	III		
А	Repair, Refurbishment, or Reclamation Definition:		· ·		nment program for the l	<del>-</del>	
-	is product/solution was next section.	not used, please select	"Not Applicable" to the	right and proceed to			
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific proble					em.	
					. ,		
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	apply)		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
-	Identify your product/	/solution's application cl	haracteristics.				
D	Part Type		Commodity		Environment		
E	should be the average	sues of this type will you cost of the items repor must be used for each u	rted.				
	1.g: Total Engineering	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 (actual or estimated):					
	1. Sol	lution Engineering and I		2.	Solution Implementati	ion	
	1. 301	dion Engineering and	<u>Design</u>	a. Computer Programs		<u>011</u>	
F	a. Engineering/Enginee	ering Data Revision		b. Interim Support			
	b. Qualification of New	v Items		c. Supply/ Provisioning	g Data		
	c. Software Developme	ent or Modification		d. Support/Test Equip	ment		
	d. Startup Costs			<ul><li>e. Technical Manuals</li><li>f. Training/Training Eq</li></ul>	uinment		
	e. Tooling/Equipment/	/Software		g. Installation Costs	шрителе		
	f. Other (specify)			h. Other (specify)			
	g. Total Engineering a	nd Design Costs		i. Total Implementation	on Costs		
		Total Solution Co	osts (sum of 1.g and 2.i)				
		ovide some additional d		ct the DMSMS issue affo	ected and the solution (	used. (This will allow	
G							
		BUSINESS CONFID	DENTIAL - Per Section 7	05(d) of the Defense P	roduction Act		

Part Type: Commodity: Operating Environment:
1. Assembly 1. Electrical 1. Aviation
2. Component 2. Electronics 2. Benign or Non-Tactical

3. Raw Material4. Software3. Mechanical4. Shipboard

5. Space6. Undersea

Prev	revious Page Next Page								
		Sect	tion 6.a: Extension of P	roduction or Support I					
А	Production or Support Definition:	procure specific quant should be included in a	tities of parts. One-time any cost and cost avoid	e costs may be associate lance calculations.	. This may involve longed with setting up this	_			
-	s product/solution was not used, please select "Not Applicable" to the right and proceed to ext section.								
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.								
	Indicate which Armed F	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	ipply)				
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other			
	Identify your product/s	solution's application c	haracteristics.						
D	Part Type	1	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.								
	1.g: Total Engineering a	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 (actual or estimated):							
	1. Solu	ution Engineering and I		2.	Solution Implementati	on			
			<u> </u>	a. Computer Programs/Documentation					
F	a. Engineering/Enginee	ring Data Revision		b. Interim Support	,				
	b. Qualification of New	Items		c. Supply/ Provisioning Data					
	c. Software Developme	ent or Modification		<ul> <li>d. Support/Test Equipres. Technical Manuals</li> </ul>	nent				
	d. Startup Costs			f. Training/Training Eq	uinment				
	e. Tooling/Equipment/S	Software		g. Installation Costs	arpinion:				
	f. Other (specify)			h. Other (specify)					
	g. Total Engineering an	nd Design Costs		i. Total Implementation	on Costs				
		Total Solution Co	osts (sum of 1.g and 2.i)						
	Comments: Please provus to better understand			ct the DMSMS issue affe	ected and the solution u	used. (This will allow			
G									
		BUSINESS CONFIC	DENTIAL - Per Section 7	05(d) of the Defense P	roduction Act				

Part Type: Commodity: Operating Environment:

1. Assembly 1. Electrical 1. Aviation
2. Component 2. Electronics 2. Benign or Non-Tactical

3. Raw Material 3. Mechanical 3. Ground

4. Software 4. Shipboard 5. Space

Prev	revious Page Next Page								
		Secti	on 6.b: Extension of P	roduction or Support	ll .				
Α	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.								
_	his product/solution was not used, please select "Not Applicable" to the right and proceed to exercise next section.								
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.								
	Indicate which Armed	Forces Services you pro	ovide this product/solu	tion to. (Select all that	apply)				
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other			
	Identify your product/	solution's application cl	haracteristics.						
D	Part Type		Commodity		Environment				
E	should be the average	ues of this type will you cost of the items repor nust be used for each u	rted.	-					
	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 (actual or estimated):								
	1. Solu	ution Engineering and I	·	2	Solution Implementati	on			
			<del>Design</del>	a. Computer Programs/Documentation		<u> </u>			
F	a. Engineering/Enginee	ering Data Revision		b. Interim Support					
	b. Qualification of New	/ Items		c. Supply/ Provisionin					
	c. Software Developme	ent or Modification		d. Support/Test Equip	ment				
	d. Startup Costs			e. Technical Manuals f. Training/Training Ed	nuinment				
	e. Tooling/Equipment/	/Software		g. Installation Costs	<sub>1</sub> arpinent				
ı	f. Other (specify)			h. Other (specify)					
	g. Total Engineering ar	nd Design Costs		i. Total Implementati	on Costs				
		Total Solution Co	sts (sum of 1.g and 2.i)						
		ovide some additional d		ct the DMSMS issue aff	ected and the solution u	used. (This will allow			
G	us to better understan	u the nature of your so	nuuonj.						
		BUSINESS CONFID	DENTIAL - Per Section 7	05(d) of the Defense F	roduction Act				

Commodity: Operating Environment: Part Type: 1. Assembly 1. Electrical 1. Aviation 2. Component 2. Electronics 2. Benign or Non-Tactical 3. Raw Material 3. Mechanical 3. Ground 4. Software 4. Shipboard

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		Sect	ion 6.c: Extension of P	roduction or Support II		
А	Production or procure sp	pecific quant	vized to continue provious of parts. One-time any cost and cost avoid	costs may be associate		
-	is product/solution was not used, p next section.	olease select	"Not Applicable" to the	e right and proceed to		
Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
С	Army Na	avy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/solution's a	application c	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.					
	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 (actual or estimated):					
	1. Solution Engin		· · · · · · · · · · · · · · · · · · ·	2	Solution Implementati	on
	1. Jointion Engin	icering and	Design	a. Computer Programs/Documentation		
F	a. Engineering/Engineering Data F	Revision		b. Interim Support	, 2004	
	b. Qualification of New Items			c. Supply/ Provisioning	Data	
	c. Software Development or Mod	lification		d. Support/Test Equip	ment	
	·			e. Technical Manuals		
	d. Startup Costs e. Tooling/Equipment/Software			f. Training/Training Equal for the second of	uipinent	
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering and Design C	Costs		i. Total Implementatio	on Costs	
	Total	Solution Co	osts (sum of 1.g and 2.i)			
	<b>Comments:</b> Please provide some us to better understand the natur			ct the DMSMS issue affe	ected and the solution (	used. (This will allow
G						
	BUSIN	NESS CONFIL	DENTIAL - Per Section 7	05(d) of the Defense Pr	roduction Act	

Part Type: Commodity: Operating Environment:

1. Assembly 1. Electrical 1. Aviation
2. Component 2. Electronics 2. Benign or Non-Tactical
3. Raw Material 3. Mechanical 3. Ground

4. Software 4. Shipboard 5. Space

Prev	revious Page Next Page						
			Section 7.a: Simp	le Substitute I			
Α	Definition:	its NHA and requires o	only minimal qualification	on. Associated costs are	ts without modification e largely administrative.		
-	is product/solution was next section.	not used, please select	"Not Applicable" to the	eright and proceed to			
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	apply)		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/	solution's application ch	haracteristics.				
	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.						
	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 (actual or estimated):						
	1 50			2	Calution Implementati		
	1. 301	lution Engineering and I	<u>Design</u>	2. Solution Implementation     a. Computer Programs/Documentation			
F	a. Engineering/Enginee	ering Data Revision		b. Interim Support	Documentation		
	b. Qualification of New	w Items		c. Supply/ Provisioning Data			
	c. Software Developme	ent or Modification		d. Support/Test Equip			
		ent or wiodineation		e. Technical Manuals			
	d. Startup Costs	/C - ftoro		f. Training/Training Eq	uipment		
	e. Tooling/Equipment/ f. Other (specify)	Software		g. Installation Costs h. Other (specify)			
	g. Total Engineering a	nd Design Costs		i. Total Implementation	on Costs		
	g. Total Engineering	-	osts (sum of 1.g and 2.i)		л созіз		
		ovide some additional dend the nature of your so		ct the DMSMS issue affe	ected and the solution (	used. (This will allow	
G							
		BUSINESS CONFID	ENTIAL - Per Section 7	05(d) of the Defense P	roduction Act		

Part Type: Commodity: Operating Environment: 1. Assembly 1. Aviation 1. Electrical 2. Component 2. Benign or Non-Tactical 2. Electronics 3. Raw Material 3. Mechanical 3. Ground 4. Shipboard 4. Software 5. Space

Prev	Previous Page Next Page					
			Section 7.b: Simple	e Substitute II		
Α	Simple Substitute Definition:	its NHA and requires o	only minimal qualification	on. Associated costs are	ts without modification e largely administrative.	
-	is product/solution was next section.	s not used, please select	"Not Applicable" to the	e right and proceed to		
В	Briefly explain the issu	ue for which this solution	n was developed, inclu	ding the applicable pro	gram and specific probl	em.
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	apply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/	/solution's application ch	naracteristics.		1	
	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.					
	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 (actual or estimated):					
	1 50	· ·	•	2	Solution Implementati	
	1. 301	lution Engineering and I	Design	a. Computer Programs	Solution Implementation	<u>on</u>
F	a. Engineering/Enginee	ering Data Revision		b. Interim Support		
	b. Qualification of Nev	w Items		c. Supply/ Provisioning Data		
	c. Software Developm	ent or Modification		d. Support/Test Equipment		
		ent or wiodineation		e. Technical Manuals		
	d. Startup Costs	/software		f. Training/Training Equipment		
	e. Tooling/Equipment/ f. Other (specify)	Software	-	g. Installation Costs h. Other (specify)		
	g. Total Engineering a	and Design Costs		i. Total Implementation Costs		
	<b>B.</b> 13111110	-	osts (sum of 1.g and 2.i)			
	Comments: Please pro	ovide some additional de			ected and the solution ເ	used. (This will allow
	us to better understar	nd the nature of your so	lution).			
G						
	,	BUSINESS CONFID	DENTIAL - Per Section 7	05(d) of the Defense P	roduction Act	

dropdown options:

Part Type: Commodity: Operating Environment:

1. Assembly 1. Electrical 1. Aviation
2. Component 2. Electronics 2. Benign or Non-Tactical
3. Raw Material 3. Mechanical 3. Ground
4. Software 4. Shipboard
5. Space

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			Section 7.c: Simple	e Substitute III		
А	Simple Substitute Definition:	· ·		nt meets all requirement on. Associated costs are		
_	s product/solution was next section.	not used, please select	"Not Applicable" to the	e right and proceed to		
В	Briefly explain the issu	e for which this solutio	n was developed, inclu	ding the applicable pro	gram and specific probl	em.
	Indicate which Armed	Forces Services you pro	ovide this product/solu	tion to. (Select all that a		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
	I de atif	'ashutian's annihatian a	h a un ata viation			
D		solution's application c				
	Part Type		Commodity		Environment	
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.						
	·			parts A, C, and D above. lollars) to the best of yo		
	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 (actual or estimated):					
	1. Sol	1. Solution Engineering and Design			Solution Implementati	on
				a. Computer Programs	/Documentation	
F	a. Engineering/Engine			b. Interim Support		
	b. Qualification of Nev	v Items		c. Supply/ Provisioning Data		
	c. Software Developm	ent or Modification		d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Eq	uipment	
	e. Tooling/Equipment,	/Software		g. Installation Costs		
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs			
			osts (sum of 1.g and 2.i)			
		ovide some additional d and the nature of your so		ct the DMSMS issue affe	ected and the solution (	used. (This will allow
G						
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act					

Part Type: Commodity: Operating Environment: 1. Assembly 1. Aviation 1. Electrical 2. Component 2. Benign or Non-Tactical 2. Electronics 3. Raw Material 3. Mechanical 3. Ground 4. Shipboard 4. Software 5. Space

Prev	Previous Page Next Page					
			Section 8.a: Compl	ex Substitute I		
А	·	A replacement item tl NHA, is researched an	hat has different specifi nd validated.	cations, but requires no	modification of the so	urce product or the
_	s product/solution was no next section.	ot used, please select	t "Not Applicable" to the	e right and proceed to		
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.					
	Indicate which Armed Fo	orces Services you pr	ovide this product/solu	tion to. (Select all that a		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/so	olution's application of	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.					
	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 (actual or estimated):					
		1. Solution Engineering and Design			Solution Implementati	ion
	<u>1. 301ut</u>	ion Engineering and	Design	a. Computer Programs/Documentation		
F	a. Engineering/Engineer	ing Data Revision		b. Interim Support	, bocamentation	
	b. Qualification of New I	tems		c. Supply/ Provisioning Data		
	c. Software Developmen	nt or Modification		d. Support/Test Equipment		
				e. Technical Manuals		
	d. Startup Costs	- ft		f. Training/Training Equipment		
	e. Tooling/Equipment/Sof. Other (specify)	onware		g. Installation Costs h. Other (specify)		
	g. Total Engineering and	l Design Costs		i. Total Implementation Costs		
	Comments: Please provi		osts (sum of 1.g and 2.i)		acted and the solution	used (This will allow
	us to better understand			tt the Divisivis issue and	setted and the solution t	asea. (This will allow
G						
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act					

#### Part D dr

dropdown options:		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

Prev	Previous Page Next Page							
			Section 8.b: Compl	ex Substitute II				
А	·	replacement item tl IHA, is researched an	hat has different specifiond validated.	cations, but requires no	modification of the so	urce product or the		
_	is product/solution was no next section.	ot used, please select	t "Not Applicable" to the	e right and proceed to				
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.							
	Indicate which Armed Fo	ndicate which Armed Forces Services you provide this product/solution to. (Select all that apply)						
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other		
D	Identify your product/so	lution's application of	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.							
	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 (actual or estimated):							
		•	•	2	Solution Implementati	on		
	<u>1. 30iuti</u>	ion Engineering and	Design	a. Computer Programs/Documentation				
F	a. Engineering/Engineeri	ing Data Revision		b. Interim Support				
	b. Qualification of New I	tems		c. Supply/ Provisioning Data				
	c. Software Developmen	at or Modification		d. Support/Test Equipment				
		- Wiodinedion		e. Technical Manuals				
	d. Startup Costs	- C		f. Training/Training Equipment				
	e. Tooling/Equipment/Sof. Other (specify)	ortware		g. Installation Costs h. Other (specify)				
	g. Total Engineering and	Design Costs						
	5. Total Engineering and	- Design Costs		i. Total Implementation Costs				
			osts (sum of 1.g and 2.i)					
	Comments: Please provi us to better understand			ct the DMSMS issue affe	ected and the solution (	used. (This will allow		
G								
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act							

#### Part D dro

dropdown options:		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

Prev	Previous Page Next Page					
			Section 8.c: Comple	ex Substitute III		
А	Complex Substitute A Definition: NI	replacement item the HA, is researched an	•	cations, but requires no	modification of the so	urce product or the
_	is product/solution was no next section.	nt used, please select	t "Not Applicable" to the	e right and proceed to		
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.					
	Indicate which Armed Fo	rces Services you pr	ovide this product/solu	tion to. (Select all that a	ipply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
	Identify your product/sol	lution's application (	haracteristics			
D	Part Type	idilon's application c	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.					
	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 (actual or estimated):					
		on Engineering and	•	2.	Solution Implementati	ion
				a. Computer Programs/Documentation		
F	a. Engineering/Engineering			b. Interim Support		
	b. Qualification of New It	tems		c. Supply/ Provisioning Data		
	c. Software Development	t or Modification		d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Equipment		
	e. Tooling/Equipment/So	oftware		g. Installation Costs		
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs			
		Total Solution Co	osts (sum of 1.g and 2.i)			
	Comments: Please providus to better understand t			ct the DMSMS issue affe	ected and the solution (	used. (This will allow
G						
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act					

aropaown options:		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

Prev	Previous Page Next Page					
			on 9.a: Development of			
Α	Development of a New Item or Source Definition:	NHA. Nonrecurring en	t is developed that mee gineering or other deve a reverse-engineered p original manufacturing	elopment-related activit roduct, or a product de	ies will likely be require	ed. The new product
-	is product/solution was next section.	not used, please select	"Not Applicable" to the	right and proceed to		
В	Briefly explain the issu	ue for which this solution	n was developed, includ	ding the applicable pro	gram and specific probl	em.
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	ipply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
	Identify your product/	/solution's application cl	haracteristics.			
D	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.					
	1.g: Total Engineering	f 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				
	1.64		actual or estimated ):	2	C. I. et al. Investment and the	
	<u>1. Sol</u>	ution Engineering and I	<u>Design</u>	2. Solution Implementation		<u>on</u>
F	a. Engineering/Enginee	ering Data Revision		a. Computer Programs/Documentation     b. Interim Support		
	b. Qualification of Nev	w Items		c. Supply/ Provisioning Data		
	c. Software Developme	ent or Modification		d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Equipment		
	e. Tooling/Equipment/	/Software		g. Installation Costs		
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering a	nd Design Costs		i. Total Implementation Costs		
		Total Solution Co	osts (sum of 1.g and 2.i)			
		ovide some additional d nd the nature of your so	•	t the DMSMS issue affe	ected and the solution (	ised. (This will allow
G						
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act					

dropdown options:		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

Prev	Previous Page Next Page						
			•	f a New Item or Source			
Α	Development of a	A replacement product is developed that meets the requirements of the original product without affecting the					
	New Item or Source	NHA. Nonrecurring engineering or other development-related activities will likely be required. The new product					
	Definition:	may be an emulation,		product, or a product de		ent using a different	
	Jennidon.	manufacturer but the	original manufacturing	designs and processes.			
If th	is product/solution was	not used, please select	"Not Applicable" to the	e right and proceed to			
the i	next section.						
	Briefly explain the issu	ue for which this solution	n was developed inclu	ding the applicable pro-	gram and specific probl	em	
В	briefly explain the issu	ie for willen this solution	ii was developed, ilicid	and the applicable pro	grain and specific probl	eiii.	
_							
	Indicate which Armed	Forces Services you pro	ovide this product/solu	tion to. (Select all that a	apply)		
С					Other Department of		
	Army	Navy	Air Force	Marines	Defense	Specify Other	
	Identify your product/	solution's application cl	haracteristics.				
D							
	Part Type		Commodity		Environment		
	How many DMSMS iss	sues of this type will you	u be reporting on this to	ab? If greater than one	, the costs reported		
_	should be the average	cost of the items repor	ted.				
Ε							
Note: A separate tab must be used for each unique combination of parts A, C, and D above.							
	Dlease enter the costs	associated with each a	nnlicable category (in c	Iallars) to the best of ve	ur knowledge and spec	ify whather it is	
		·				illy 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:						
	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 (	actual or estimated):				
	<u>1. Sol</u>	lution Engineering and I	<u>Design</u>	<u>2.</u>	Solution Implementati	<u>on</u>	
				a. Computer Programs/Documentation			
F	a. Engineering/Engine	ering Data Revision		b. Interim Support			
	b. Qualification of Nev	w Items		c. Supply/ Provisioning Data			
				d. Support/Test Equipment			
	c. Software Developm	ent or Modification		e. Technical Manuals			
	d. Startup Costs			f. Training/Training Eq	uipment		
	e. Tooling/Equipment,	/Software		g. Installation Costs			
	f. Other (specify)			h. Other (specify)			
		and Dosign Costs		i. Total Implementation	on Costs		
	g. Total Engineering and Design Costs		i. Total illiplementatio	on costs			
		Total Solution Co	sts (sum of 1.g and 2.i)				
	·	ovide some additional d	·	ct the DMSMS issue affe	ected and the solution ι	used. (This will allow	
	us to better understar	nd the nature of your so	lution).				
G							
		BUSINESS CONFID	ENTIAL - Per Section 7	05(d) of the Defense P	roduction Act		
1							

Commodity:	Operating Environment:
1. Electrical	1. Aviation
2. Electronics	2. Benign or Non-Tactical
3. Mechanical	3. Ground
	4. Shipboard
	5. Space
	<ol> <li>Electrical</li> <li>Electronics</li> </ol>

Prev	ious Page					Next Page		
			on 9.c: Development of					
	Development of a	A replacement produ	ets the requirements of	the original product wi	ithout affecting the			
Α	New Item or Source	NHA. Nonrecurring engineering or other development-related activities will likely be required. The new product						
A		may be an emulation	, a reverse-engineered p	product, or a product de	veloped as a replaceme	ent using a different		
	<b>Definition:</b> manufacturer but the original manufacturing designs and processes.							
If thi	s product/solution was	not used, please selec	t "Not Applicable" to the	right and proceed to				
the r	next section.							
	Duiafly avalain the issue	a faulaiala klaia aalki		dina tha annliachta nua				
В	Briefly explain the issu	e for which this solution	on was developed, inclu	ding the applicable pro	gram and specific probl	em.		
В								
	Indicate which Armed	Forces Services you pr	ovide this product/solu	tion to. (Select all that a	ipply)			
С				1	Other Department of			
C	Army	Navy	Air Force	Marines	Defense	Specify Other		
					Deterise			
	Identify your product/	solution's application	characteristics					
D	luciting your producty		characteristics.					
	Part Type		Commodity		Environment			
	How many DMSMS iss	ues of this type will yo	u be reporting on this ta	ab? If greater than one	the costs reported			
	·	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.						
E		should be the average cost of the items reported.						
	<b>Note:</b> 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							
						city whether it is		
	actual or estimated. Refer to the DMSMS Survey Definitions for examples of each category.							
	Of the second second decrease has a large of details and a finite decrease of the second de							
	If you cannot provide cost breakdowns at the level of detail required below, please provide:							
	g: Total Engineering and Design Costs .i: Total Implementation Costs							
	Reported Costs Are (actual or estimated):							
	1. Sol	ution Engineering and	Design	<u>2.</u>	Solution Implementati	on		
				a. Computer Programs/Documentation				
F	a. Engineering/Engine	ering Data Revision		b. Interim Support	,			
	b. Qualification of Nev	/ Items		c. Supply/ Provisioning Data				
				d. Support/Test Equipment				
	c. Software Developm	ent or Modification		e. Technical Manuals				
	d. Startup Costs			f. Training/Training Equipment				
	e. Tooling/Equipment/	'Software		g. Installation Costs	<u>'</u>			
	f. Other (specify)			h. Other (specify)				
			i. Total Implementation	n Costs				
	g. Total Engineering and Design Costs		in rotal implementation					
		Total Solution C	osts (sum of 1.g and 2.i)					
	· ·		details about the produc	ct the DMSMS issue affe	ected and the solution t	used. (This will allow		
_	us to better understan	d the nature of your s	olution).					
G								
	1							
		BUSINESS CONFI	DENTIAL - Per Section 7	05(d) of the Defense P	oduction Act			

aropaown options:		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

Prev	Previous Page Next Page						
			Section 10.a: Red	esign - NHA I			
Α	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.						
_	this product/solution was not used, please select "Not Applicable" to the right and proceed to enext section.						
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
	Indicate which Armed	Forces Comises you pr	ovide this product/solut	tion to (Coloct all that s	analu)		
С	Army	Navy	Air Force	Marines	Other Department of	Specify Other	
					Defense		
D	Identify your product/	solution's application c	haracteristics.				
	Part Type		Commodity		Environment		
E	should be the average	cost of the items repor		_	·		
	Note: A separate tab n	nust be used for each ເ	inique combination of p	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 (actual or estimated):						
	<u>1. Sol</u>	ution Engineering and	<u>Design</u>	<u>2.</u>	Solution Implementati	<u>ion</u>	
F	a. Engineering/Enginee	ering Data Revision		a. Computer Programs/Documentation     b. Interim Support			
	b. Qualification of New	v Items		c. Supply/ Provisioning Data			
	c. Software Developme	ent or Modification		d. Support/Test Equipment e. Technical Manuals			
	d. Startup Costs			f. Training/Training Equipment			
	e. Tooling/Equipment/	Software Software		g. Installation Costs	·		
	f. Other (specify)			h. Other (specify)			
	g. Total Engineering a	nd Design Costs		i. Total Implementatio	on Costs		
		Total Solution Co	osts (sum of 1.g and 2.i)				
		ovide some additional d	letails about the production).	ct the DMSMS issue affe	ected and the solution (	used. (This will allow	
G							
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act						

dropdown options:		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

Prev	Previous Page Next Page						
			Section 10.b: Red	esign - NHA II			
Α	Redesign - NHA Definition:	The affected item's N at a higher level in the	HA must be modified. C e system.	only the NHA is affected	, and the new design w	ill not affect anything	
-	s product/solution was next section.	not used, please selec	t "Not Applicable" to the	e right and proceed to			
Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						em.	
	Indicate which Armed	Forces Services you pr	ovide this product/solu	tion to. (Select all that a			
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/	solution's application (	characteristics.		1		
	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.						
	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 (actual or estimated):						
	1 Cole			2	Solution Implementati	ion	
	1. 3011	ution Engineering and	Design	a. Computer Programs/Documentation		lon 	
F	a. Engineering/Enginee	ering Data Revision		b. Interim Support	y bocumentation		
	b. Qualification of New	v Items		c. Supply/ Provisioning Data			
	c. Software Developme	ent or Modification		d. Support/Test Equipment			
				e. Technical Manuals			
	d. Startup Costs e. Tooling/Equipment/	Coffugara		f. Training/Training Equipment			
	f. Other (specify)	Software		g. Installation Costs h. Other (specify)			
	g. Total Engineering a	nd Design Costs		i. Total Implementation Costs			
	Total Solution Costs (sum of 1.g and 2.i)						
	Comments: Please pro		details about the produc		ected and the solution	used. (This will allow	
	us to better understan					,	
G							
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act						

aropaown options:		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

Prev	Previous Page Next Page					
			Section 10.c: Rede	esign - NHA III		
Α	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.					
-	is product/solution was next section.	not used, please select	"Not Applicable" to the	right and proceed to		
В	Briefly explain the issu	ne for which this solutio	on was developed, includ	ding the applicable pro	gram and specific probl	em.
	Indicate which Armed	Forces Services you pro	ovide this product/solut	ion to. (Select all that a	ipply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
	Identify your product/	solution's application c	haracteristics.			
D	Part Type		Commodity		Environment	
E	should be the average	cost of the items repor	u be reporting on this tarted.  Inique combination of p	_	·	
	·		anique combination of p			
		cost breakdowns at the and Design Costs	rvey Definitions for exar			
		Reported Costs Are (	actual or estimated ):			
	<u>1. Sol</u>	ution Engineering and	<u>Design</u>		Solution Implementati	<u>ion</u>
F	a. Engineering/Enginee	ering Data Revision		a. Computer Programs/Documentation     b. Interim Support		
	b. Qualification of New	v Items		c. Supply/ Provisioning Data		
	c. Software Developme			d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Eq	uipment	
	e. Tooling/Equipment/	/Software		g. Installation Costs		
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering and Design Costs		i. Total Implementation Costs			
		Total Solution Co	osts (sum of 1.g and 2.i)			
		ovide some additional d nd the nature of your so	letails about the produc plution).	t the DMSMS issue affe	ected and the solution (	used. (This will allow
G		·				
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act					

aropaown options:			
Part Type:	Commodity:	Operating Environment:	
1. Assembly	1. Electrical	1. Aviation	
2. Component	2. Electronics	2. Benign or Non-Tactical	
3. Raw Material	3. Mechanical	3. Ground	
4. Software		4. Shipboard	
		5. Space	

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		Section	n 11.a: Redesign - Comp	lex/System Replaceme	nt I		
Α	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.						
-	s product/solution was next section.	not used, please selec	t "Not Applicable" to the	e right and proceed to			
В	Briefly explain the issu	e for which this solution	on was developed, inclu	ding the applicable pro	gram and specific probl	em.	
	Indicate which Armed	Forces Services you pr	ovide this product/solu	tion to. (Select all that a	apply)		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
	Id-atif		-1				
D	Identify your product/	Solution's application (					
	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 (actual or estimated):						
	<u>1. Sol</u>	ution Engineering and	Design	<u>2.</u>	Solution Implementati	<u>on</u>	
	a. Engineering/Enginee	oring Data Povision		a. Computer Programs	/Documentation		
F				b. Interim Support			
	b. Qualification of New	v Items		c. Supply/ Provisioning Data			
	c. Software Developme	ent or Modification		d. Support/Test Equipment e. Technical Manuals			
	d. Startup Costs			f. Training/Training Equipment			
	e. Tooling/Equipment/	/Software		g. Installation Costs			
	f. Other (specify)			h. Other (specify)			
	g. Total Engineering and Design Costs		i. Total Implementation Costs				
		Total Solution Co	osts (sum of 1.g and 2.i)				
	Comments: Please pro us to better understan		details about the production).	ct the DMSMS issue affe	ected and the solution (	used. (This will allow	
G							
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act						

dropdown options:		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

Prev	Previous Page Next Page						
		Section	11.b: Redesign - Comp	lex/System Replaceme	nt II		
А	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.						
-	s product/solution was next section.	not used, please selec	t "Not Applicable" to the	e right and proceed to			
В	Briefly explain the issu	e for which this solution	on was developed, inclu	ding the applicable pro	gram and specific probl	em.	
	Indicate which Armed	Forces Services you pr	ovide this product/solu	tion to. (Select all that a	apply)		
С	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.						
	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 (actual or estimated):						
	1 Solu	·		2	Solution Implementati	on	
	1. 3011	ution Engineering and	Design	a. Computer Programs/Documentation		<u>on</u>	
F	a. Engineering/Enginee	ering Data Revision		b. Interim Support	y Documentation		
	b. Qualification of New	v Items		c. Supply/ Provisioning Data			
	c. Software Developme	ent or Modification		d. Support/Test Equipment			
				e. Technical Manuals			
	d. Startup Costs e. Tooling/Equipment/	Coftware		f. Training/Training Equipment g. Installation Costs			
	f. Other (specify)	Joitware		h. Other (specify)			
			i. Total Implementation Costs				
			osts (sum of 1.g and 2.i)				
	Comments: Please pro us to better understan		details about the produc	t the DMSMS issue affe	ected and the solution (	used. (This will allow	
G	as to better understan	a the nature of your s	olution).				
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act						

Part Type: Commodity: Operating Environment:

1. Assembly 1. Electrical 1. Aviation
2. Component 2. Electronics 2. Benign or Non-Tactical
3. Raw Material 3. Mechanical 3. Ground
4. Software 4. Shipboard
5. Space

Prev	Previous Page Next Page						
		Section	11.c: Redesign - Comple	ex/System Replacemen	nt III		
А	Redesign - Complex/System Replacement Definition:	assemblies, software,	esign affects assemblies and interfaces be chang	ged.	tem's NHA and may req	uire that higher-level	
-	is product/solution was next section.	not used, please select	"Not Applicable" to the	e right and proceed to			
В	Briefly explain the issu	ue for which this solution	n was developed, inclu	ding the applicable pro	gram and specific probl	em.	
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	apply)		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/	solution's application cl	haracteristics.				
	Part Type		Commodity		Environment		
E	should be the average	sues of this type will you e cost of the items repor must be used for each u	rted.				
	1.g: Total Engineering	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 (actual or estimated):					
	1 50		•	2	Calatian Implementati		
	1. 501	lution Engineering and I	<u>Design</u>		Solution Implementation	<u>on</u>	
F	a. Engineering/Enginee	ering Data Revision		a. Computer Programs/Documentation     b. Interim Support			
	b. Qualification of New	w Items		c. Supply/ Provisioning Data			
	c. Software Developme	ent or Modification		d. Support/Test Equipment			
		ent or mountaine.		e. Technical Manuals			
	d. Startup Costs e. Tooling/Equipment/	Coftware		f. Training/Training Eq g. Installation Costs	uipment		
	f. Other (specify)	Jolewale	+	h. Other (specify)			
	g. Total Engineering a	nd Design Costs		i. Total Implementation Costs			
		Total Solution Costs (sum of 1.g and 2.i)					
		ovide some additional d		ct the DMSMS issue affo	ected and the solution u	used. (This will allow	
G	as to setter understan	a the hatare of your so	Table 11 pr				
		BUSINESS CONFIC	DENTIAL - Per Section 7	'05(d) of the Defense P	roduction Act		

Part Type: Commodity: Operating Environment:

1. Assembly 1. Electrical 1. Aviation
2. Component 2. Electronics 2. Benign or Non-Tactical
3. Raw Material 3. Mechanical 3. Ground
4. Software 4. Shipboard
5. Space

NOTICE: PDF is for internal data collection purposes only. BIS will only accept Excel-formatted survey responses.

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	Section 12: Certification			
	in response to this questionnaire is complete and correct to the best of his/her knowledge. presentation to any department or agency of the United States Government as to any matter			
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 othe	er information you wish to include regarding this survey assessment.			
BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act				

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		S	ection 13.a: Additional	DMSMS Solution I		
Pleas	se select the SOLUTION	area described in this	tab.			
А	Definition:	N/A				
В	Briefly explain the issue	e for which this solutio	n was developed, includ	ding the applicable prog	gram and specific probl	em.
	Indicate which Armed F	orces Services you pro	ovide this product/solut	tion to. (Select all that a	ipply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
	Identify your product/s	olution's application c	haracteristics.	L	L	L
D	Part Type		Commodity		Environment	
E	How many DMSMS issushould be the average of <b>Note:</b> A separate tab m	cost of the items repor	ted.	_		
	·					15 1 11 11
	Please enter the costs a actual or estimated. Re  If you cannot provide cools: Total Engineering a 2.i: Total Implementation	efer to the DMSMS Sur ost breakdowns at the and Design Costs	vey Definitions for exar	mples of each category.		ny whether it is
	Reported Costs Are (actual or estimated ):					
	<u>1. Solu</u>	1. Solution Engineering and Design		<u>2.</u>	Solution Implementati	<u>ion</u>
F	a. Engineering/Enginee	ring Data Revision		a. Computer Programs	/Documentation	
F				b. Interim Support	- Data	
	b. Qualification of New	items		c. Supply/ Provisioning Data d. Support/Test Equipment		
	c. Software Developme	nt or Modification		e. Technical Manuals		
	d. Startup Costs			f. Training/Training Eq	uipment	
	e. Tooling/Equipment/S	Software		g. Installation Costs		
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering an	d Design Costs		i. Total Implementatio	on Costs	
		Total Solution Co	sts (sum of 1.g and 2.i)			
	Comments: Please provus to better understand		•	t the DMSMS issue affe	ected and the solution (	used. (This will allow
G						
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act					

Part Type: Commodity: Operating Environment:

1. Assembly 1. Electrical 1. Aviation
2. Component 2. Electronics 2. Benign or Non-Tactical
3. Raw Material 3. Mechanical 3. Ground
4. Software 4. Shipboard

5. Space

6. Undersea

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		S	ection 13.b: Additional	DMSMS Solution II	ı	
Pleas	se select the SOLUTION	area described in this	tab.			
А	Definition:	N/A				
В	Briefly explain the issue	e for which this solution	n was developed, inclu	ding the applicable prog	gram and specific probl	em.
	Indicate which Armed I	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	ipply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/s	solution's application cl	haracteristics.			
	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 a actual or estimated. Re If you cannot provide c 1.g: Total Engineering a 2.i: Total Implementati	efer to the DMSMS Sur ost breakdowns at the and Design Costs	vey Definitions for exam	mples of each category.	•	,
		Reported Costs Are (	actual or estimated):			
	<u>1. Solu</u>	ition Engineering and I	Design	<u>2.</u>	Solution Implementati	on
	a. Engineering/Enginee	ring Data Revision		a. Computer Programs/Documentation		
F				b. Interim Support		
	b. Qualification of New	Items		c. Supply/ Provisioning Data		
	c. Software Developme	ent or Modification		d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Equipment		
	e. Tooling/Equipment/	Software		g. Installation Costs		
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering an	nd Design Costs		i. Total Implementatio	on Costs	
		Total Solution Co	sts (sum of 1.g and 2.i)			
	Comments: Please pro- us to better understand		·	t the DMSMS issue affe	ected and the solution (	used. (This will allow
G						
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act					

aropaowii options.		
Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

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		Se	ection 13.c: Additional	DMSMS Solution III	ı	
Pleas	se select the SOLUTION	area described in this	tab.			
А	Definition:	N/A				
В	Briefly explain the issue	e for which this solution	n was developed, inclu	ding the applicable pro	gram and specific probl	em.
	Indicate which Armed I	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	ipply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/s	solution's application cl	haracteristics.			
	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 a actual or estimated. Re If you cannot provide c 1.g: Total Engineering a 2.i: Total Implementati	efer to the DMSMS Sur ost breakdowns at the and Design Costs	vey Definitions for exam	mples of each category	•	,
		Reported Costs Are (	actual or estimated):			
	<u>1. Solu</u>	ition Engineering and I	Design	<u>2.</u>	Solution Implementati	on
	a. Engineering/Enginee	ring Data Povision		a. Computer Programs/Documentation		
F				b. Interim Support		
	b. Qualification of New	Items		c. Supply/ Provisioning Data		
	c. Software Developme	ent or Modification		d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Equipment		
	e. Tooling/Equipment/	Software		g. Installation Costs	·	_
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering an	nd Design Costs		i. Total Implementatio	on Costs	
		Total Solution Co	sts (sum of 1.g and 2.i)			
	Comments: Please pro- us to better understand		·	t the DMSMS issue affe	ected and the solution (	used. (This will allow
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		BUSINESS CONFID	ENTIAL - Per Section 7	05(d) of the Defense P	roduction Act	

Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

6. Undersea

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		Se	ection 13.d: Additional	DMSMS Solution IV		
Pleas	se select the SOLUTION	area described in this	tab.			
А	Definition:	N/A				
В	Briefly explain the issue	e for which this solution	n was developed, inclu	ding the applicable pro	gram and specific probl	em.
	Indicate which Armed F	Forces Services you pro	ovide this product/solut	ion to. (Select all that a	pply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
	Identify your product/s	solution's application cl	l haracteristics.			
D	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.					
	Please enter the costs a actual or estimated. Re If you cannot provide c 1.g: Total Engineering a 2.i: Total Implementati	efer to the DMSMS Sur cost breakdowns at the and Design Costs	vey Definitions for exam	mples of each category		ny whether it is
		Reported Costs Are (	actual or estimated):			
	<u>1. Solu</u>	ution Engineering and I	<u>Design</u>	<u>2.</u>	Solution Implementati	<u>on</u>
F	a. Engineering/Enginee	ering Data Revision		a. Computer Programs/Documentation		
Г	b. Qualification of New			b. Interim Support		
	c. Software Developme			c. Supply/ Provisioning Data d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Equipment		
	e. Tooling/Equipment/S	Software		g. Installation Costs		
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering an	d Design Costs		i. Total Implementation	on Costs	
		Total Solution Co	sts (sum of 1.g and 2.i)			
	us to better understand		·	t the DMSMS issue affe	ected and the solution (	used. (This will allow
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		BUSINESS CONFID	ENTIAL - Per Section 7	05(d) of the Defense P	oduction Act	

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Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

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		S	ection 13.e: Additional	DMSMS Solution V		
Pleas	se select the SOLUTION	area described in this	tab.			
А	Definition:	N/A				
В	Briefly explain the issue	e for which this solution	n was developed, inclu	ding the applicable pro	gram and specific probl	em.
	Indicate which Armed F	Forces Services you pro	ovide this product/solut	ion to. (Select all that a	pply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
	Identify your product/s	solution's application cl	l haracteristics.			
D	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.					
	Please enter the costs a actual or estimated. Re If you cannot provide c 1.g: Total Engineering a 2.i: Total Implementation	efer to the DMSMS Sur ost breakdowns at the and Design Costs	vey Definitions for exam	mples of each category		ny whether it is
		Reported Costs Are (actual or estimated):				
	<u>1. Solu</u>	ition Engineering and I	<u>Design</u>	<u>2.</u>	Solution Implementati	<u>on</u>
F	a. Engineering/Enginee	ring Data Revision		a. Computer Programs	/Documentation	
Г	b. Qualification of New			b. Interim Support		
	c. Software Developme			c. Supply/ Provisioning Data d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Equipment		
	e. Tooling/Equipment/	Software		g. Installation Costs		
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering an	nd Design Costs		i. Total Implementation	on Costs	
		Total Solution Co	sts (sum of 1.g and 2.i)			
	us to better understand		·	t the DMSMS issue affe	ected and the solution (	used. (This will allow
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		BUSINESS CONFID	ENTIAL - Per Section 7	05(d) of the Defense P	oduction Act	

Part Type: Commodity: Operating Environment:

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

Commodity: Operating Environment:
1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space

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		Se	ection 13.f: Additional	DMSMS Solution VI		
Pleas	se select the SOLUTION	area described in this	tab.			
А	Definition:	N/A				
В	Briefly explain the issue	e for which this solution	n was developed, inclu	ding the applicable pro	gram and specific probl	em.
	Indicate which Armed I	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	ipply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/s	solution's application cl	haracteristics.			
	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 a actual or estimated. Re If you cannot provide c 1.g: Total Engineering a 2.i: Total Implementati	efer to the DMSMS Sur ost breakdowns at the and Design Costs	vey Definitions for exam	mples of each category		,
		Reported Costs Are (	actual or estimated):			
	<u>1. Solu</u>	ition Engineering and I	Design	<u>2.</u>	Solution Implementati	on
	a. Engineering/Enginee	ring Data Revision		a. Computer Programs	/Documentation	
F				b. Interim Support		
	b. Qualification of New	Items		c. Supply/ Provisioning Data		
	c. Software Developme	ent or Modification		d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Equipment		
	e. Tooling/Equipment/	Software		g. Installation Costs	·	
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering an	nd Design Costs		i. Total Implementatio	on Costs	
		Total Solution Co	sts (sum of 1.g and 2.i)			
	Comments: Please pro- us to better understand		·	t the DMSMS issue affe	ected and the solution (	used. (This will allow
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		BUSINESS CONFID	ENTIAL - Per Section 7	05(d) of the Defense P	roduction Act	

Part Type:	Commodity:	Operating Environment:
1. Assembly	1. Electrical	1. Aviation
2. Component	2. Electronics	2. Benign or Non-Tactical
3. Raw Material	3. Mechanical	3. Ground
4. Software		4. Shipboard
		5. Space

6. Undersea

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		Se	ction 13.g: Additional	DMSMS Solution VII		
Pleas	se select the SOLUTION	area described in this	tab.			
А	Definition:	N/A				
В	Briefly explain the issue	e for which this solution	n was developed, inclu	ding the applicable pro	gram and specific probl	em.
	Indicate which Armed I	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	ipply)	
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other
D	Identify your product/s	solution's application cl	haracteristics.			
	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 a actual or estimated. Re If you cannot provide c 1.g: Total Engineering a 2.i: Total Implementati	efer to the DMSMS Sur cost breakdowns at the and Design Costs	vey Definitions for exam	mples of each category		,
		Reported Costs Are (	actual or estimated):			
	<u>1. Solu</u>	ution Engineering and I	<u>Design</u>	<u>2.</u>	Solution Implementati	on
	a. Engineering/Enginee	aring Data Revision		a. Computer Programs	/Documentation	
F				b. Interim Support		
	b. Qualification of New	Items		c. Supply/ Provisioning Data		
	c. Software Developme	ent or Modification		d. Support/Test Equipment e. Technical Manuals		
	d. Startup Costs			f. Training/Training Equipment		
	e. Tooling/Equipment/	Software		g. Installation Costs		
	f. Other (specify)			h. Other (specify)		
	g. Total Engineering an	nd Design Costs		i. Total Implementation	on Costs	
		Total Solution Co	sts (sum of 1.g and 2.i)			
	Comments: Please pro- us to better understand		·	t the DMSMS issue affe	ected and the solution (	used. (This will allow
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		BUSINESS CONFID	ENTIAL - Per Section 7	05(d) of the Defense P	roduction Act	

a. op a. o op a. o				
Part Type:	Commodity:	Operating Environment:		
1. Assembly	1. Electrical	1. Aviation		
2. Component	2. Electronics	2. Benign or Non-Tactical		
3. Raw Material	3. Mechanical	3. Ground		
4. Software		4. Shipboard		
		5. Space		

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	Section 13.h: Additional DMSMS Solution VIII						
Pleas	Please select the SOLUTION area described in this tab.						
А	Definition: N/A						
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
	Indicate which Armed F	orces Services you pro	ovide this product/solut	tion to. (Select all that a	ipply)		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/s	solution's application c	haracteristics.				
	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 (actual or estimated):						
	1. Solution Engineering and Design			2. Solution Implementation			
	a. Engineering/Enginee	ring Data Revision		a. Computer Programs/Documentation			
F				b. Interim Support			
	b. Qualification of New	Items		c. Supply/ Provisioning Data			
	c. Software Development or Modification		d. Support/Test Equipment e. Technical Manuals				
	d. Startup Costs		f. Training/Training Equipment				
	e. Tooling/Equipment/	Software		g. Installation Costs			
	f. Other (specify)			h. Other (specify)			
	g. Total Engineering an	d Design Costs		i. Total Implementatio	on Costs		
	Total Solution Costs (sum of 1.g and 2.i)						
	Comments: Please provus to better understand		·	t the DMSMS issue affe	ected and the solution (	used. (This will allow	
G							
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act						

diopuowii options.				
Part Type:	Commodity:	Operating Environment:		
1. Assembly	1. Electrical	1. Aviation		
2. Component	2. Electronics	2. Benign or Non-Tactical		
3. Raw Material	3. Mechanical	3. Ground		
4. Software		4. Shipboard		
		5. Space		

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	Section 13.i: Additional DMSMS Solution IX						
Pleas	Please select the SOLUTION area described in this tab.						
Α	Definition:	Definition: N/A					
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
	Indicate which Armed F	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	pply)		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
D	Identify your product/s	olution's application cl	haracteristics.				
	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					ily whether it is	
	Reported Costs Are (actual or estimated):						
	<u>1. Solu</u>	ution Engineering and I	<u>Design</u>	2. Solution Implementation			
	a. Engineering/Enginee	ering Data Revision		a. Computer Programs/Documentation			
F				b. Interim Support			
	b. Qualification of New Items		c. Supply/ Provisioning Data d. Support/Test Equipment				
	c. Software Development or Modification		e. Technical Manuals				
	d. Startup Costs		f. Training/Training Equipment				
	e. Tooling/Equipment/	Software		g. Installation Costs			
	f. Other (specify)			h. Other (specify)			
	g. Total Engineering an	nd Design Costs		i. Total Implementation Costs			
	Total Solution Costs (sum of 1.g and 2.i)						
	Comments: Please provus to better understand		·	t the DMSMS issue affe	ected and the solution (	used. (This will allow	
G							
		BUSINESS CONFID	ENTIAL - Per Section 7	05(d) of the Defense P	roduction Act		

Commodity:	Operating Environment:		
1. Electrical	1. Aviation		
2. Electronics	2. Benign or Non-Tactical		
3. Mechanical	3. Ground		
	4. Shipboard		
	5. Space		
	<ol> <li>Electrical</li> <li>Electronics</li> </ol>		

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		S	ection 13.j: Additional	DMSMS Solution X			
Pleas	Please select the SOLUTION area described in this tab.						
А	Definition: N/A						
В	Briefly explain the issue for which this solution was developed, including the applicable program and specific problem.						
	Indicate which Armed	Forces Services you pro	ovide this product/solut	tion to. (Select all that a	ipply)		
С	Army	Navy	Air Force	Marines	Other Department of Defense	Specify Other	
		<u> </u>					
D	Identify your product/s	solution's application cl	haracteristics.				
	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					ny whether it is	
	Reported Costs Are (actual or estimated):						
	<u>1. Solu</u>	ution Engineering and I	Design	2. Solution Implementation			
	a. Engineering/Enginee	oring Data Povision		a. Computer Programs/Documentation			
F				b. Interim Support			
	b. Qualification of New	Items		c. Supply/ Provisioning Data			
	c. Software Development or Modification		d. Support/Test Equipment e. Technical Manuals				
	d. Startup Costs		f. Training/Training Equipment				
	e. Tooling/Equipment/	Software		g. Installation Costs			
	f. Other (specify)			h. Other (specify)			
	g. Total Engineering ar	nd Design Costs		i. Total Implementatio	on Costs		
	Total Solution Costs (sum of 1.g and 2.i)						
	<b>Comments:</b> Please provide some additional details about the product the DMSMS issue affected and the solution used. (This will allo us to better understand the nature of your solution).				used. (This will allow		
G							
	BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act						

Part Type: Commodity: Operating Environment:

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

Commodity: Operating Environment:
1. Aviation
2. Benign or Non-Tactical
3. Ground
4. Shipboard
5. Space

6. Undersea

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