DATA ITEM DESCRIPTION

Title: Contract Work Breakdown Structure

Number: DI-MGMT-81334D Approval Date: 20110518

AMSC Number: D9199 **Limitation:**

DTIC Applicable: GIDEP Applicable:

Preparing Activity: CAPE

Applicable Forms: Not Applicable

Use/relationship: This documents the Contract Work Breakdown Structure (CWBS) and its extension by the contractor using terminology and definitions, as applicable, in MIL-HDBK-881.

This DID summarizes the format for the CWBS and provides preparation instructions to support the data and frequency requirements specified in the contract. This DID applies to all contracts that require a Work Breakdown Structure (WBS). It is related to the four Contractor Cost Data Reporting (CCDR) formats: DD Form 1921, "Cost Data Summary Report" (DI-FNCL-81565); DD Form 1921-1, "Functional Cost-Hour Report" (DI-FNCL-81566); and DD Form 1921-2, "Progress Curve Report" (DI-FNCL-81567); This DID is also related to the "Contract Performance Report" (DI-MGMT-81466) and DD Form 1586, "Contract Funds Status Report" (DI-MGMT-81468).

For those contracts with Cost and Software Data Reporting (CSDR) requirements, the CWBS must agree with the contract CSDR Plan approved by the Office of the Secretary of Defense (OSD) Deputy Director, Cost Assessment (DDCA).

The purpose and intent of the CWBS and CWBS dictionary is to document the contractor's deliverable products and planned approach to performing the contract scope of work. It also contains the technical description of the military end item being developed/procured by the contract. The technical definitions and descriptions of each product-oriented (i.e., hardware) WBS element should be derived from the contractor's systems engineering Integrated Product Team (IPT) or related technical department. The cost content of each WBS element definition should be produced by the contractor's finance department.

MIL-HDBK-881 serves as the basis for developing the CWBS. Routine reporting shall be at CWBS level 3 for all contractors. Extensions of the CWBS can be tailored to the specific program but will be consistent with MIL-HDBK-881. More detailed reporting of the CWBS shall be required only for those lower-level elements that address high-risk, high-value, or high-technical-interest areas of a program. Identifying these additional elements for inclusion in the CWBS is a critical early assignment for the Cost Working-Group Integrated Product Team (CWIPT) for inclusion in the CWBS.

The reporting contractor must prepare and submit, using the CSDR Submit-Review System, the first contract CWBS Index and Dictionary at the same time the first Interim Report is due or, when the Initial Report, if required, is due. However, contractors also have the option to submit the Index and Dictionary earlier to facilitate report planning. The reporting contractor must also maintain and update the Dictionary throughout the life of the contract. If changes to the CWBS occur, the contractor must submit an updated CWBS Index and Dictionary with the next affected CSD Reports. The contractor is not

required to submit the updated CWBS Index and Dictionary more frequently than its CSDR submissions.

This DID supersedes DI-MGMT-81334C.

Requirements:

1. Reference documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as cited in ASSIST at the time of the solicitation; or, for non-ASSIST documents, as stated herein.

2. References.

- a. MIL-HDBK-881, "Work Breakdown Structures for Defense Materiel Items," available at http://dcarc.pae.osd.mil.
- b. DoD 5000.4-M, "Cost Analysis Guidance and Procedures," [current version], available at http://www.dtic.mil/whs/directives/.
- c. DoD 5000.04-M-1, "Cost and Software Data Reporting (CSDR) Manual," [current version], available at http://www.dtic.mil/whs/directives/.
- d. DD Form 2794, "Cost and Software Data Reporting Plan," [current version], available at http://www.dtic.mil/whs/directives/. Commonly referred to as the CSDR Plan, a completed DD Form 2794 must be approved by the OSD DDCA.
- 3. Formats. The CWBS shall be reflected in an electronic report that consists of two parts. The first part, the CWBS Index, lists the individual elements by their CWBS Codes and Levels. The second part, the CWBS Dictionary, describes the effort and tasks associated with every CWBS element shown in the CWBS Index. Examples of the CWBS Index and CWBS Dictionary are shown in Figures 1 and 2, respectively. These are examples only, and are not intended to be a set format. If a contractor wishes to use an existing WBS internal to its organization, the contractor must first map their internal elements and definitions to the OSD DDCA-approved CSDR plan, and then develop a CWBS that conforms to the guidance in this DID.

The CWBS Dictionary must be submitted as a stand-alone Word-compatible file to the Defense Cost and Resource Center (DCARC) secure Web site using the CSDR Submit-Review System. Uploading requires the use of a DoD Common Access Card (CAC) or a DoD-approved External Certificate Authority (ECA) certificate. See the DCARC Web site for certificate instructions.

Preparation Instructions:

- 1. Contract Work Breakdown Structure Index:
 - a. <u>CWBS Code</u>. Enter the code, if applicable. The CWBS codes used in the CWBS Index and Dictionary must be identical to those in the OSD DDCA-approved contract CSDR Plan. The preferred convention is to use a numeric structure starting with 1.0 for the level 1 CWBS element (as displayed in Figure 1. CWBS Index Example). Every element on the OSD DDCA-approved CSDR Plan must be included in the Index, regardless of applicability on the contract. The

- contractor must not include any elements that are not on the OSD DDCA-approved CSDR plan.
- b. <u>CWBS Element Level</u>. Enter the level of the CWBS element. Level 1 is the total contract. Levels 2, 3, and so on, are successively lower levels of the contract.
- c. <u>CWBS Element Name</u>. Enter the title of the CWBS element using the specific name or nomenclature. The CWBS element names used in the CWBS Index and Dictionary must be identical to those in the OSD DDCA-approved contract CSDR Plan.
- 2. Contract Work Breakdown Structure Dictionary:
 - a. CWBS Code. Enter the same codes used in the Index.
 - b. <u>CWBS Element Name</u>. Enter the same element names used in the Index.
 - c. <u>CWBS Definition</u>. Enter a complete description of the technical, cost, and work content of each CWBS element. For the technical content, the dictionary must include a general system level description (i.e., highest level WBS element) of the military end item that captures top-level attributes of the system. If the system has a known official military designation (e.g., AN/S L Q -32A (V)2), this designation should be included in the top-level description. The contractor must provide general descriptions of the physical characteristics of each individual element below the system level. It is important that the contractor specify all hardware and software equipment that are associated with each WBS element. Each WBS element definition must provide the end user with the means to determine what the item is, what it does within the system, and how the item is physically defined.

The CWBS dictionary must also include a description of the cost and work content for each element. Cost content definitions must include explanations of recurring versus nonrecurring efforts, functional cost element inclusion or exclusion, and purchased versus made in-house decisions. The description of the cost content must also include characterizations by functional category (i.e., engineering, tooling, quality control, and manufacturing) as appropriate. The cost content portion of the definition for each element should be tied to the contractor's control account, work package, and work scope definitions. The work content definition must include a short description of the process used to design, produce or sustain the end item or service. The description must address the types of activities (e.g., design, production, analysis, or management) included within the WBS element. These descriptions must include information on whether the reporting contractor or a supplier/subcontractor is performing the work being described.

CWBS dictionaries must reflect only the work being done on the contract for which the document is being submitted. If work is not expected to occur for a given WBS element, the CWBS dictionary definition must indicate that this element is not applicable. If work at some elements is being performed by a supplier/subcontractor, the dictionary must state this. Similarly, if the CWBS is for a subcontract/supplier, the work defined for each element must be specific to

the subcontractor/supplier's scope of effort, and must not include the prime contractor's work. Definitions of a generic nature are acceptable for some parent level elements provided that more detailed definitions are given for the lower level elements. If there are GFE items being integrated into the end item, it is not expected that a detailed description of those items be provided, however, all GFE items being integrated into the system as part of the contract must be labeled as such in the CWBS dictionary under the appropriate elements.

Figure 1. CWBS Index Example (based on MIL-HDBK-881 Missile Systems)

	Contract Work Breakdown			Program: Vector Surface to Air Interceptor RFP NO: XXXXX			Contract I	Plan No: A-10-X-C1	
	Structure Index			3		Contract No: DAAE07-XX-E-0001			
⊢	OWDO ELEMENT					CM/DC FLEMENT NAME	DATE:	6/14/2010	
CWBS CODE		CWBS ELEMENT LEVEL				CWBS ELEMENT NAME			
	1 2 3			4	5				
1.0	Х					Vector Surface to Air Interceptor Missile System			
1.1 1.1.1		Х	х			Air Vehicle Propulsion (Stages In,]			
1.1.2			X			Payload			
1.1.3			Х			Airframe			
1.1.4			X			Reentry System			
1.1.5 1.1.6			X			Post Boost System Guidance and Control			
1.1.6.1				Х		Guidance Section			
1.1.6.1.1					Х	RF Active Seeker			
1.1.6.1.2 1.1.6.1.3					X	IF Receiver Digital Signal Processor			
1.1.6.1.4					X	Integration, Assembly, Test and Checkout			
1.1.6.2				Х		Control Section			
1.1.6.2.1					X	Tail Fin Control Section			
1.1.6.2.2 1.1.6.2.3					X	Canards Integration, Assembly, Test and Checkout			
1.1.7			Х			Ordnance Initiation Set			
1.1.8			X			Airborne Test Equipment			
1.1.9 1.1.10			X		-	Airborne Training Equipment Auxiliary Equipment			
1.1.11			X			Integration, Assembly, Test and Checkout			
1.2		Х				Command and Launch			
1.2.1			X			Surveillance, Identification and Tracking Sensors			
1.2.2 1.2.3			X			Launch and Guidance Control Communications			
1.2.4			X			Command and Launch Applications Software			
1.2.5			Х			Command and Launch System Software			
1.2.6			X		-	Launcher Equipment			
1.2.7 1.2.8			X			Auxiliary Equipment Booster Adapter			
1.3		Х				System Engineering/Program Management			
1.4		Х				System Test and Evaluation			
1.4.1 1.4.2			X			Development Test and Evaluation Operational Test and Evaluation			
1.4.3			x			Mock-ups / System Integration Labs (SILs)			
1.4.4			Х			Test and Evaluation Support			
1.4.5		.,	Х			Test Facilities			
1.5 1.5.1		Х	х			Training Equipment			
1.5.2			X			Services			
1.5.3			Х			Facilities			
1.6		Х				Data Taganical Bublications			
1.6.1 1.6.2			X		 	Technical Publications Engineering Data			
1.6.3			X			Management Data			
1.6.4			X			Support Data			
1.6.5 1.7		Х	Х			Data Depository			
1.7.1		_^	х			Peculiar Support Equipment Test and Measurement Equipment			
1.7.2			X			Support and Handling Equipment			
1.8		Х	.,			Common Support Equipment			
1.8.1 1.8.2			X		-	Test and Measurement Equipment Support and Handling Equipment			
1.0.2		Х	_^			Support and Handling Equipment Operational/Site Activation			
1.9.1			Х			System Assembly, Installation and Checkout on Site			
1.9.2			X			Contractor Technical Support			
1.9.3 1.9.4			X			Site Construction Site/Ship/Vehicle Conversion			
1.10		Х				Site/Ship/Vehicle Conversion Industrial Facilities			
1.10.1			Х			Construction/Conversion/Expansion			
1.10.2			X		-	Equipment Acquisition or Modernization Maintenance (Industrial Facilities)			
1.10.3 1.11		Х	Х	1		Maintenance (Industrial Facilities) Initial Spares and Repair Parts			

Figure 2. CWBS Dictionary Example

Contract Work Breakdown	Program: Vector Surf	face to Air Interceptor	RFP NO: XXXXX	Contract Plan No: A-10-X-C1		
Structure maex			CONTRACT NO. DAREO7-XX-E-0001	DATE: 6/14/2010		
CWBS ELEMEN	T NAME	CW	BS DEFINITION			
Vector Surface to Air Interceptor	Missile System	This WBS element includes the cost of the Vector missile All Up Round (AUR) in addition to the cost of the common WBS elements. The Vector missile is an Army Surface-to-Air interceptor missile providing 360 degree coverage for the air defense mission of forward deployed forces. It is a Single-stage, short-range, low-to high-altitude theater missile defense system that utilizes advanced guidance and control technologies including an advanced active RF seeker to extend the range of engagement beyond current and projected threats. This WBS element reports the total development or production cost, whichever is applicable to the instant contract, of the All Up Round (AUR) through the cost for the common WBS elements. WBS elements 1.1 Air Vehicle and 1.2 Command and Launch are the two child WBS elements that capture the cost of the product, while WBS elements 1.3 through 1.1.1 capture the cost of the "common elements".				
Air Vehicle		This element refers to the means for delivering the destructive effect to the target, including the capability to generate or receive intelligence to navigate and penetrate to the target area and to detonate the w arhead. The element includes the design, development, and production of complete units (prototype and operationally configured units, which satisfy the requirement of their applicable specifications) regardless of their use. The WBS element has eleven children WBS elements. The government CWIPT has required, through the use of a CA-approved Plan for the Vector Missile, that WBS element 1.1.6 Guidance and Control will contain two child WBS elements, each one containing a low er levels of WBS indenture in order to capture the cost of the specific cost driving elements within the G&C element.				
Propulsion (Stages In.)		This WBS element includes the cost of the Vector missile's rocket motor and labor required to integrate and assemble the propulsion system into the AUR. The single Thiokol TX-486-1 solid-fueled rocket motor is a subcontracted item but the cost falls under the threshold for "direct reporting" by the supplier. This WBS element captures the cost of the purchased solid rocket motor and IAT&C costs necessary to install, test and checkout the rocket motor inside the airframe. There is one TX-486-1 rocket motor per AUR.				
		This WBS element includes the cost of the Mk125 w arhead and labor required to integrate and assemble the warhead into the AUR. The Vector payload consists of the Mk 125 Warhead and its support assemblies. This element is a subcontracted item by the prime contractor. The dollar amount for this item is exceeds the dollar threshold for CSDR reporting and consequently the prime contractor has flow ed down CSDR reporting requirements to the supplier and provided the subcontractor with their CA-approved CSDR Subcontract plan. Prime contractor recurring and non-recurring costs will capture the price paid for the Mk125 w arhead in addition to the prime's direct and indirect costs for integration, assembly, test and checkout of the Mk125 w arhead and section of the missle. There is non Mk125 w arhead are AUR.				
r ayluau		THE THE STATE OF T				
Airframe		This element refers to labor and material costs associated with the components that comprise the airframe.				
Guidance and Control		This WBS element includes the cost for the 1.1.6.1 Guidance Section and 1.1.6.2 Control Section. This parent element includes the cost of labor and material for the prime contractor and any subassembly manifactured and procured by outside vendors. This element includes the cost of the Vector Missile Guidance Section. Cost for this element represent touch labor costs for the inspection, quality assurance, testing, recurring engineering design, and final assembly of all subassemblies into the completed Guidance set. Costs for purchased parts of children WBS elements are				
Guidance Section		rolled up into and reported	for this WBS element. There are no direct			
RF Active Seeker		This WBS element includes the cost of the Radio Frequency (RF) missile seeker that provides an all weather capability. The RF active seeker is designed and manufactured at the prime contractors integration facility in Dallas, TX. The cost for this element includes the material cost for the subassemblies and direct and indirect labor associated with the IAT&C fo the subassemblies into the RF Active Seeker end-item.				
IF Receiver		This WBS element includes	the cost of all the electronic circuitry and	I RF w aveguide.		
Digital Signal Processor		the signal processing capa received signal.	bilities for discrimination of the target fron	n clutter and jammer returns in the		
Integration, Assembly, Tes	t and Checkout	assembling, testing and per	rform checkout procedures on the Guidan			
Control Section		designed and manufacture quality control and manufacture	d in-house by the prime. Cost for the tail cturing direct and indirect costs. The can	fin controls include engineering, tooling, ard is a purchased item and its cost		
Tail Fin Control Section		This W/BS alamant in al	the cost of the MVE1 control curfs 4-3	fin control sat		
Tail Fin Control Section Canards		This WBS element includes	the cost of the Mk51 control surface tail the cost of procurement, fabrication, as: al control to the missile in flight.			
	Structure Index CWBS ELEMEN Vector Surface to Air Interceptor Air Vehicle Propulsion (Stages In,] Payload Airframe Reentry System Post Boost System Guidance and Control Guidance Section RF Active Seeker IF Receiver Digital Signal Processor Integration, Assembly, Tes	CWBS ELEMENT NAME CWBS ELEMENT NAME Vector Surface to Air Interceptor Missile System Air Vehicle Propulsion (Stages In,] Payload Airframe Reentry System Post Boost System Guidance and Control Guidance Section RF Active Seeker IF Receiver Digital Signal Processor Integration, Assembly, Test and Checkout	CWBS ELEMENT NAME CWBS ELEMENT NAME CWBS ELEMENT NAME CWBS ELEMENT NAME CWBS element includes common WBS elements. The degree coverage for the aid own to high-allitude theater including an advanced act threats. This WBS element instant contract, of the All This element contract, of the All This element refers to the penerate or receive intellige element includes the design configured units, which is a WBS element through the selement on CA-approved Pan for the WBS element includes the design configured units, which is a WBS element includes the design configured units, which is a WBS element includes assemble the propulsion sy subcontracted tem but the element captures the cost checkout the rocket motor checkout checkout checket motor checkout checket motor chec	CWBS ELEMENT NAME CWBS DEFINITION This WBS element includes the cost of the Vector missile all Up Roucommon WBS elements. The Vector missile is an Army Surface-to-degree coverage for the air defense mission of frow and deployed in the vector missile is an Army Surface-to-degree coverage for the air defense mission of frow and deployed in the vector missile defense system to the vector missile is an Army Surface-to-degree coverage for the air defense mission of frow and deployed in the vector missile in a final mission and vector missile in the vector of the vector for the vector of the vector for the vector for the vector of the vector		

Figure 2. CWBS Dictionary Example (Continued)

	Contract Work Breakdown	Program: Vector Surfa	ace to Air Interceptor	RFP NO: XXXXX	Contract Plan No: A-10-X-C1		
	Structure Index			Contract No: DAAE07-XX-E-0001	DATE: 6/14/2010		
	CWBS ELEMEN	T NAME	CW	/BS DEFINITION	DATE: 0/14/2010		
CWBS CODE		<u>.</u>					
1.1.7	Ordnance Initiation Set			cost of the ordnance initiation set. The ord sile and ground system (except reentry s)			
					, , , , , ,		
1.1.8	Airborne Test Equipment		This WBS element includes the cost of the Vector missile AUR airborne test equipment.				
1.1.9	Airborne Training Equipment		This element includes the cost of an exercise warhead that is interchangeable with the live warhead and suitable for training firing. This element also includes destruct systems, recovery systems, special instrumentation, and telemetry equipment associated with the training mission.				
	<u> </u>		This WBS element includes the cost of the additional equipment generally excluded from other specific elements. This element includes the environmental control, safety and protective subsystems, and destruct				
1.1.10	Auxiliary Equipment		system. It also includes equipment of a single purpose and function that is necessary for accomplishing the assigned mission.				
	, , ,		This element includes the o	e cost of Integration, Assembly, Test and Checkout (IAT&CO) of the hardware ctor's assembly facility. Subsystem components will be assembled and tested and			
1.1.11	Integration, Assembly, Test a	nd Checkout	then shipped to the prime of	contractor's facility for final assembly and			
1.2	Command and Launch	Tracking Canaara		oplicable to the Vector Missile contract.			
1.2.1 1.2.2	Surveillance, Identification and Launch and Guidance Control	Tracking Sensors	This WBS element is not applicable to the Vector Missile contract. This WBS element is not applicable to the Vector Missile contract.				
1.2.3	Communications		This WBS element is not applicable to the Vector Missile contract. This WBS element is not applicable to the Vector Missile contract.				
1.2.4	Command and Launch Applica	ations Software	This WBS element is not applicable to the Vector Missile contract.				
1.2.5	Command and Launch Syster	n Software	This WBS element is not applicable to the Vector Missile contract.				
1.2.6	Launcher Equipment		This WBS element is not applicable to the Vector Missile contract.				
1.2.7	Auxiliary Equipment		This WBS element is not applicable to the Vector Missile contract.				
1.2.8	Booster Adapter		This WBS element is not applicable to the Vector Missile contract. This WBS element includes the cost of the effort associated with the systems engineering and program				
1.3	System Engineering/Program N	/lanagement	effort are combined and re activities included in this el analysis, system cost effe program management activ management, program man reporting activities.	he Vector missile contract. The systems ported in total for the Vector missile cont ement for this contract are: CAIV analysi ctiveness studies, reliability, availability ar rities included in this element for this contragement, supply support management, pu- the cost of all System Test & Evaluation.	ract. Specific system engineering s, Design-to-Unit-Production-Cost and maintainability studies. Specific ract are: configuration management, ILS rogram control, and EVMS and CSDR		
1.4	System Test and Evaluation		necessary for the system Acquisition Decision Memo WBS elements; each addre ST&E portion of the progra the DT&E phase. There is	to achieve its Key Performance Paramete randum. System Test & Evaluation costs essing a unique activity or function to be p	ors (KPPs) required by the current are broken down into five unique child berformed by the contractor during the ing eleven prototype flight units to support		
1.4.1	Development Test and Evalua	tion	This WBS element includes contractor necessary for t contractor will conduct DTc	the cost of all Development Test and Eva he Vector missile system to it's T&E acqu &E testing activities at the prime's integrat y Preliminary Design Review (PDR) and C	isition milestone exit criteria. The prime		
			This WBS element includes contractor necessary for t contractor will conduct OT Army Air Defense personn	the cost of all Operational Test and Evalume Vector missile system to it's T&E acque &E testing activities at the Army's White Sell. Included in this cost element are cost munication equipment, contractor technic	isition milestone exit criteria. The prime sands Missile Range in conjunction with as associated with test equipment,		
1.4.2	Operational Test and Evaluation	on	develolpment of RAM requi	irements.			
1.4.3	Mock-ups / System Integratio	n Labs (SILs)	This WBS element includes	oplicable to the Vector Missile contract. the cost of Vector Missile spares, repair and repair parts, test and support equipm	of reparables, repair parts, warehousing ent, test bed vehicles and contractor		
1.4.4	Test and Evaluation Support		technical support.				
1.4.5	Test Facilities			oplicable to the Vector Missile contract.	and facilities for the Vector missile		
1.5	Training			the cost of Vector Missile operational tra			
1.5.1	Equipment Services		This WBS element includes training (in-plant and service produce a contractor deve	mock-ups, and models used to support de the cost of training services, training cor- be training); and the materials and curricul doped training program. Also included in to courses, and associated documentation (p	urse materials; contractor-conducted lum required to design, execute, and		
1.5.3	Facilities	•		oplicable to the Vector Missile contract.			

Figure 2. CWBS Dictionary Example (Continued)

	Contract Work Breakdown	Program: Vect	tor Surface to Air Interceptor	RFP NO: XXXXX	Contract Plan No: A-10-X-C1			
	Structure Index			Contract No: DAAE07-XX-E-0001				
					DATE: 6/14/2010			
CWBS CODE	CWBS ELEMEN	NT NAME	CW	BS DEFINITION				
1.6	Data		the Vector missile system.	This element rolls up the cost of technic	nment associated with the development of all publications, engineering data, to store and disseminate information to the			
1.6.1	Technical Publications			This WBS element includes the cost of all technical publications in paper, Adobe PDF, and CD ROM formats to				
1.6.2	Engineering Data		government.	This WBS element includes the cost of all engineering data in paper, Adobe PDF, and CD ROM formats to the				
1.6.3	Management Data			This WBS element includes the cost of all management data in paper, Adobe PDF, and CD ROM formats to the				
	<u> </u>		This WBS element includes government. Included is the	government. Included are the costs for EVMS and CSDR reports. This WBS element includes the cost of all support data in paper, Adobe PDF, and CD ROM formats to the government. Included is the Vector missile program logistic support database containing all Army logistic				
1.6.4	Support Data			reporting requirements and performance parameters. This WBS element includes the cost of all engineering data in paper, Adobe PDF, and CD ROM formats to the				
1.6.5	Data Depository		government.					
1.7	Peculiar Support Equipment		that are peculiar to the Vec tools used to service the m equipment for the RF missil	This WBS element includes the cost of test and measurement equipment and support and handling equipment that are peculiar to the Vector missile contract. Included in this element is the cost of missile equipment and tools used to service the missile during OT&E activities. Also included is the cost to modify factory test equipment for the RF missile seeker that is used by the prime contractor during testing and subsequently delivered to the government.				
1.7.1	Test and Measurement Equip	ment		This WBS element includes test and measurement equipment, such as the ME-403 seeker test stand used to calibrate the Vector missile RF seeker unit during routine organizational unit maintenance activities.				
1.7.2	Support and Handling Equipm	nent	This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.8	Common Support Equipment		that are considered commo	on under the Vector missile contract. Incl tic equipment and signal processor autom				
1.8.1	Test and Measurement Equip	ement		This WBS element includes the cost of HHK-248A test and diagnostic equipment used by maintenance personel to perform routine propulsion system test and checkout procedures during schedule maintenance events.				
1.8.2	Support and Handling Equipm	nent		This WBS element includes the cost of common support and handling equipment that is used to store, move and transport Vector AURs in their containers.				
1.9	Operational/Site Activation		This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.9.1	System Assembly, Installation	n and Checkout	on Site This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.9.2	Contractor Technical Support		This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.9.3	Site Construction		This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.9.4	Site/Ship/Vehicle Conversion		This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.10	Industrial Facilities		This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.10.1	Construction/Conversion/Expa	ansion	This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.10.2	Equipment Acquisition or Mo	dernization	This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.10.3	Maintenance (Industrial Facili	ties)	This WBS element is not ap	This WBS element is not applicable to the Vector Missile contract.				
1.11	Initial Spares and Repair Parts		required as initial stockage	This WBS element includes the cost of Vector missile system repairable spares (reparables) and repair parts required as initial stockage to support and maintain new ly fielded systems or subsystems during the initial phase of service, including pipeline and w ar reserve quantities.				

END OF DI-MGMT-81334D