

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Army** **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>
--	--

COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	7.295	2.734	1.658	-	1.658	-	-	-	-	-	-
548: <i>Mil Subsistence Sys</i>	-	2.295	2.734	1.658	-	1.658	-	-	-	-	-	-
EL2: <i>Army Field Feeding Equipment</i>	-	5.000	-	-	-	-	-	-	-	-	-	-

**A. Mission Description and Budget Item Justification**

Projects under this Program Element support the development, demonstration and Non-Developmental Item (NDI) Commercial Off The Shelf (COTS) evaluation of combat feeding equipment to enhance soldier efficiency, improve soldier survivability, and reduce food service logistics requirements for all four services. These Projects support multi-fuel, rapidly deployable field food service equipment initiatives. Efforts also support the Engineering and Manufacturing Development (EMD) phase of programs to improve equipment, enhance safety in food service, and decrease fuel and water requirements. The Projects develop critical enablers that support the Joint Future Capabilities and Joint Expeditionary mindset, by maintaining readiness through integrating new equipment, enhancing the field soldier's well-being, and providing soldiers usable equipment. The Projects also reduce sustainment requirements, related Combat Support/Combat Service Support (CS/CSS) demands on lift, the combat zone footprint, and costs for logistical support.

This PE/Project supports Field Feeding programs for all the services.

<b>B. Program Change Summary (\$ in Millions)</b>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022 Base</u>	<u>FY 2022 OCO</u>	<u>FY 2022 Total</u>
Previous President's Budget	7.393	2.814	1.815	-	1.815
Current President's Budget	7.295	2.734	1.658	-	1.658
Total Adjustments	-0.098	-0.080	-0.157	-	-0.157
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.098	-0.080			
• Adjustments to Budget Years	-	-	-0.157	-	-0.157

**UNCLASSIFIED**

**Exhibit R-2A, RDT&E Project Justification:** PB 2022 Army **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>	<b>Project (Number/Name)</b> 548 / <i>Mil Subsistence Sys</i>
--	--	--

COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
548: <i>Mil Subsistence Sys</i>	-	2.295	2.734	1.658	-	1.658	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

**A. Mission Description and Budget Item Justification**

This Project enables system development and demonstration of Joint Service combat rations and field feeding equipment/systems designed to improve warfighter performance and reduce the logistics burden of subsistence support. Efforts funded in this Project support all four Services, the Special Operations Command, and the Defense Logistics Agency (DLA). The Army serves as the Executive Agent for this Department of Defense (DoD) program, with oversight and coordination provided by the DoD Combat Feeding Research and Engineering Board (CFREB) as required by DoD Directive (DoDD) 3235.02E. Centralized execution of the DoD Combat Feeding Research and Engineering Program (CFREP) with Joint Service review and approval eliminates unnecessary duplication of efforts across the Services and maximizes use of common materiel solutions.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2020	FY 2021	FY 2022
<b>Title:</b> Joint Service Combat Ration System Development	1.331	1.687	0.917
<p><b>Description:</b> This effort integrates and demonstrates mature Joint Service combat ration systems that enable warfighter maneuver, readiness and effectiveness during highly mobile, dispersed operations. Prototypes are transitioned from PE 0603747A Project 610 to develop individual and group combat rations with improved capabilities including improved warfighter physical and cognitive performance through optimized nutrition and reduced logistics burden through weight and cube reduction. This effort completes operational test and evaluation (OT&amp;E) to confirm system level performance, and develops ration specifications for transition to Defense Logistics Agency - Troop Support (DLA - Troop Support) for procurement.</p> <p><b>FY 2021 Plans:</b> For existing ration platforms (Meal, Ready-to-Eat; First Strike Ration; Meal, Cold Weather, Modular Operational Ration Enhancement; Unitized Group Rations - A/M/H&amp;S), integrate prototype components/technologies into menu systems and ration assembly processes to improve quality, optimize nutritional content, decrease weight/cube/cost and/or improve modularity and field utility; conduct OT&amp;E on ration systems to validate system level performance; present recommendations to the JSORF for Milestone C approval; finalize procurement documents and initiate transition to DLA-Troop Support; obtain US Army, Surgeon General approval of revised menus; execute production testing with industry to ensure consistent ration quality, validate PCRs, and resolve vendor/supplier technical production issues; and conduct confirmatory sensory, chemical, physical and shelf life testing. For developmental Close Combat Assault Ration (CCAR), complete OT&amp;E of capabilities/systems successfully demonstrated in 6.4 that provide Warfighters with lower weight, lower volume, more calorically dense, higher quality, commercially producible ration components; complete validation of system level performance of prototype CCARs in the context of providing</p>			

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2022 Army		<b>Date:</b> May 2021		
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>	<b>Project (Number/Name)</b> 548 / <i>Mil Subsistence Sys</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
<p>Warfighters with viable nutrition options for a 7-day period without resupply; will present CCAR to the JSORF for Milestone C approval and obtain US Army, Surgeon General approval of initial CCAR menus.</p> <p><b>FY 2022 Plans:</b> For existing ration platforms (Meal, Ready-to-Eat; First Strike Ration; Meal, Cold Weather, Modular Operational Ration Enhancement; Unitized Group Rations - A/M/H&amp;S), will continue to integrate prototype components/technologies into menu systems and ration assembly processes to improve quality, optimize nutritional content, decrease weight/cube/cost and/or improve modularity and field utility; will continue to conduct OT&amp;E on ration systems to validate system level performance; will present recommendations to the Joint Services for Milestone C approval; will finalize procurement documents and initiate transition to DLA-Troop Support; will obtain US Army, Surgeon General approval of revised menus; will execute production testing with industry to ensure consistent ration quality, validate documents, and resolve vendor/supplier technical production issues; and conduct confirmatory sensory, chemical, physical and shelf life testing.</p> <p><b>FY 2021 to FY 2022 Increase/Decrease Statement:</b> Decrease in funding supports completion of accelerated OT&amp;E for Close Combat Assault Ration (CCAR).</p>				
<p><b>Title:</b> Joint Service Field Feeding Systems Development</p> <p><b>Description:</b> This effort integrates and demonstrates field feeding equipment systems in support of the Navy (USN), Air Force (USAF), and Marine Corps (USMC) that reduce the logistics burden, improve efficiency, and decrease operation and support costs as directed by the DoD CFREB and Joint Service partners. Validated systems, specifications, and technical data packages are transitioned to the appropriate Service partner for procurement and fielding. Service partners include Product Manager Combat Support Equipment (PdM-CSE), Naval Sea Systems Command (NAVSEA), Naval Supply Systems Command (NAVSUP), Navy Expeditionary Combat Command (NECC) and USAF Basic Expeditionary Airfield Resources (BEAR) Program Office.</p> <p><b>FY 2021 Plans:</b> Conduct OT&amp;E of Inflatable Refrigerated Space (IRefS) and complete aerial delivery certification; will complete OT&amp;E of equipment production models with embedded sense and respond technology to track reliability, maintenance, and current health of equipment assets; develop reports, Engineering Change Proposals (ECPs) and logistical data to reduce overall fuel and water consumption in support of the USMC; and transition validated prototype equipment and technical data to USN, USMC and USAF.</p> <p><b>FY 2022 Plans:</b> Will complete OT&amp;E of Inflatable Refrigerated Space (IRefS); will complete OT&amp;E of expeditionary equipment with embedded sense and respond technology to track reliability, maintenance, and current health of equipment assets; will develop reports,</p>		0.964	1.047	0.741

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2022 Army		<b>Date:</b> May 2021
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>	<b>Project (Number/Name)</b> 548 / <i>Mil Subsistence Sys</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
Engineering Change Proposals (ECPs) and logistical data to reduce overall fuel and water consumption in support of the USMC; and will transition validated prototype equipment and technical data to USN, USMC and USAF.			
<b><i>FY 2021 to FY 2022 Increase/Decrease Statement:</i></b> Decrease in funding supports changes in OT&E for Joint Services.			
<b>Accomplishments/Planned Programs Subtotals</b>	2.295	2.734	1.658

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022 Base</b>	<b>FY 2022 OCO</b>	<b>FY 2022 Total</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• 610: <i>Food Adv Development</i>	3.568	3.028	2.897	-	2.897	-	-	-	-	-	-

**Remarks**

**D. Acquisition Strategy**  
 Complete Engineering and Manufacturing Development (EMD) and Demonstration of food items and equipment for transition into competitive procurement contract.  
 Complete advanced research efforts to support Engineering Change Proposals for previously developed equipment.

**UNCLASSIFIED**

Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Army												Date: May 2021				
Appropriation/Budget Activity 2040 / 5				R-1 Program Element (Number/Name) PE 0604713A / Combat Feeding, Clothing, and Equipment					Project (Number/Name) 548 / Mil Subsistence Sys							
<b>Management Services (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Combat Feeding Program Management	C/FP	CCDC Soldier Center : Natick, MA	3.376	0.487	Oct 2019	0.601	Oct 2020	0.388	Oct 2021	-		0.388	Continuing	Continuing	Continuing	
FY 2018 NDAA SEC 825 MDAP Cost Overrun	TBD	N/A : N/A	0.002	-		-		-		-		-	0.000	0.002	-	
<b>Subtotal</b>			3.378	0.487		0.601		0.388		-		0.388	Continuing	Continuing	N/A	
<b>Product Development (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Joint Service Rations and Combat Feeding Equipment	Various	Various : Various	6.654	0.177	Oct 2019	0.240	Oct 2020	0.163	Oct 2021	-		0.163	Continuing	Continuing	Continuing	
<b>Subtotal</b>			6.654	0.177		0.240		0.163		-		0.163	Continuing	Continuing	N/A	
<b>Test and Evaluation (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Joint Service Rations and Combat Feeding Equipment	Allot	CCDC Soldier Center : Natick, MA	0.450	1.631	Oct 2019	1.893	Oct 2020	1.107	Oct 2021	-		1.107	Continuing	Continuing	Continuing	
<b>Subtotal</b>			0.450	1.631		1.893		1.107		-		1.107	Continuing	Continuing	N/A	
<b>Project Cost Totals</b>			10.482	2.295		2.734		1.658		-		1.658	Continuing	Continuing	N/A	
<b>Remarks</b>																

**UNCLASSIFIED**

<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2022 Army</b>		<b>Date: May 2021</b>
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>	<b>Project (Number/Name)</b> 548 / <i>Mil Subsistence Sys</i>

Event Name	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Conduct operational testing of combat ration systems	[Redacted]																											
Conduct OT&E of Close Combat Assault Ration (CCAR)	[Redacted]																											
Obtain Joint Service and Army Surgeon General approval of first generation CCAR	[Redacted]																											
Develop CCAR Technical Data Package and contract for Low Rate Initial Production	[Redacted]																											
Develop and transition CCAR documents to DLA-TS for procurement	[Redacted]																											
Conduct OT&E of Expeditionary Group Ration (EGR)	[Redacted]																											
Develop and transition individual and group ration documents	[Redacted]																											
Obtain Joint Service and Army Surgeon General approval of MORE Performance Pack	[Redacted]																											
Conduct OT&E of Energy Conversation technologies for BEAR kitchens to USAF	[Redacted]																											
Conduct OT&E and transition Mobile Feeding Galley to USN	[Redacted]																											
Conduct OT&E & transition labor & energy saving galley/scullery	[Redacted]																											
Conduct OT&E of expeditionary kitchen systems for shore-based Navy units	[Redacted]																											
Conduct OT&E of Improved Tray Ration Heater and transition to	[Redacted]																											

**UNCLASSIFIED**

<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2022 Army</b>		<b>Date:</b> May 2021
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>	<b>Project (Number/Name)</b> 548 / <i>Mil Subsistence Sys</i>

Event Name	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Obtain Aerial Delivery Certification of Inflatable Refrigerated Sp																												
Conduct OT&E of IRefS and transition to Services																												
Conduct OT&E of EFK upgrades and transition to USMC																												
Conduct OT&E of intuitive kitchen and galley equipment; transition to Services																												

**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2022 Army		<b>Date:</b> May 2021
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>	<b>Project (Number/Name)</b> 548 / <i>Mil Subsistence Sys</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Conduct operational testing of combat ration systems	1	2018	4	2026
Conduct OT&E of Close Combat Assault Ration (CCAR)	1	2020	4	2022
Obtain Joint Service and Army Surgeon General approval of first generation CCAR	3	2021	2	2022
Develop CCAR Technical Data Package and contract for Low Rate Initial Production	3	2021	1	2022
Develop and transition CCAR documents to DLA-TS for procurement	1	2022	2	2022
Conduct OT&E of Expeditionary Group Ration (EGR)	1	2023	4	2023
Develop and transition individual and group ration documents annually to DLA-TS	1	2018	4	2026
Obtain Joint Service and Army Surgeon General approval of MORE Performance Pack	2	2022	3	2022
Refine heat recovery prototype for integration and conduct OT&E.	1	2018	3	2019
Develop and transition TDP for the EMS, JSERCS, and heat recovery system to USAF	3	2019	4	2019
Conduct OT&E of BEAR Type II kitchen system and transition to USAF	3	2018	4	2019
Conduct OT&E of Energy Conversation technologies for BEAR kitchens to USAF	1	2023	4	2025
Conduct land-based user evaluation of MIKS and transition data to USN	2	2019	4	2019
Conduct OT&E and transition Mobile Feeding Galley to USN	1	2020	3	2020
Conduct OT&E & transition labor & energy saving galley/scullery upgrades to USN	1	2020	4	2021
Conduct OT&E of expeditionary kitchen systems for shore-based Navy units	1	2022	4	2022
Conduct OT&E of Improved Tray Ration Heater and transition to USMC	1	2020	4	2021
Obtain Aerial Delivery Certification of Inflatable Refrigerated Space (IRefS)	1	2020	4	2021
Conduct OT&E of IRefS and transition to Services	1	2021	4	2022
Conduct OT&E of EFK upgrades and transition to USMC	1	2024	4	2025
Conduct OT&E of intuitive kitchen and galley equipment; transition to Services	1	2021	4	2022

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2022 Army										<b>Date:</b> May 2021		
<b>Appropriation/Budget Activity</b> 2040 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>				<b>Project (Number/Name)</b> EL2 / <i>Army Field Feeding Equipment</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022 Base</b>	<b>FY 2022 OCO</b>	<b>FY 2022 Total</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
EL2: <i>Army Field Feeding Equipment</i>	-	5.000	-	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

This Project supports the development, demonstration and Non-Developmental Item (NDI) Commercial Off The Shelf (COTS) evaluation of combat feeding equipment to enhance Soldier efficiency, improve Soldier survivability, and reduce food service logistics requirements for the Army. The Project supports multi-fuel, rapidly deployable field food service equipment initiatives. Efforts also support the Engineering and Manufacturing Development (EMD) phase of programs to improve equipment, enhance safety in food service, reduce environmental impact, and decrease fuel and water requirements. The Projects develop critical enablers that support the Army's Strategic Planning Guidance by developing and integrating critical expeditionary capabilities that maintain readiness, providing effective solutions that reduce the resource and operational energy footprint, providing modernized deployable kitchen equipment for ReARRM, and enhancing the field Soldier's well-being. This project reduces sustainment requirements, related Combat Support/ Combat Service Support (CS/CSS) demands on lift, the combat zone footprint, and costs for logistical support.

This PE/Project supports Field Feeding programs for the Army.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
<b>Title:</b> Containerized Ice Making System	5.000	-	-
<b>Description:</b> Develops an add-on ice making capability that automatically dispenses and seals 10 pound (lb) bags of ice at a minimum rate of 3,600 lbs of ice per day. Based on Army current operational requirements for ice of four lbs per soldier per day, this capability enables support for up to 900 personnel. Current operations require external support to provide personnel with ice for cooling drinking water in extremely arid environments. This capability will reduce the sustainment risk and cost associated with transporting this commodity from external sources.			
<b>Accomplishments/Planned Programs Subtotals</b>	5.000	-	-

**C. Other Program Funding Summary (\$ in Millions)**

<b>Line Item</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022 Base</b>	<b>FY 2022 OCO</b>	<b>FY 2022 Total</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• M65801: REFRIGERATED CONTAINER SYSTEMS	15.973	2.279	2.321	-	2.321	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2022 Army		<b>Date:</b> May 2021
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>	<b>Project (Number/Name)</b> EL2 / <i>Army Field Feeding Equipment</i>

**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u> <u>Base</u>	<u>FY 2022</u> <u>OCO</u>	<u>FY 2022</u> <u>Total</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
------------------	----------------	----------------	-------------------------------	------------------------------	--------------------------------	----------------	----------------	----------------	----------------	-----------------------------------	-------------------

**Remarks**

**D. Acquisition Strategy**

Complete Engineering Manufacturing Development (EMD) of food service items and equipment for transition into competitive procurement contract. Complete advanced research efforts to support Engineer Change Proposals for previously developed equipment.

**UNCLASSIFIED**

**Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Army** **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>	<b>Project (Number/Name)</b> EL2 / <i>Army Field Feeding Equipment</i>
--	--	---

<b>Management Services (\$ in Millions)</b>				<b>FY 2020</b>		<b>FY 2021</b>		<b>FY 2022 Base</b>		<b>FY 2022 OCO</b>		<b>FY 2022 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Project Management Support	Various	PMFSS : Natick, MA	1.915	1.004		-		-		-		-	0.000	2.919	-
<b>Subtotal</b>			1.915	1.004		-		-		-		-	0.000	2.919	N/A

<b>Product Development (\$ in Millions)</b>				<b>FY 2020</b>		<b>FY 2021</b>		<b>FY 2022 Base</b>		<b>FY 2022 OCO</b>		<b>FY 2022 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Containerized Ice Making System	Various	Various : Various	0.424	3.396		-		-		-		-	0.000	3.820	-
<b>Subtotal</b>			0.424	3.396		-		-		-		-	0.000	3.820	N/A

<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2020</b>		<b>FY 2021</b>		<b>FY 2022 Base</b>		<b>FY 2022 OCO</b>		<b>FY 2022 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Containerized Ice Making System	Various	ATC/Ft Lee : Virginia	0.205	0.600		-		-		-		-	0.000	0.805	-
<b>Subtotal</b>			0.205	0.600		-		-		-		-	0.000	0.805	N/A

<b>Project Cost Totals</b>	<b>Prior Years</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022 Base</b>	<b>FY 2022 OCO</b>	<b>FY 2022 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
	2.544	5.000	0.000	-	-	-	0.000	7.544	N/A

**Remarks**

**UNCLASSIFIED**

<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2022 Army</b>			<b>Date: May 2021</b>		
<b>Appropriation/Budget Activity</b> 2040 / 5		<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>		<b>Project (Number/Name)</b> EL2 / <i>Army Field Feeding Equipment</i>	

Event Name	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Upgrade CIMS S&T prototypes to pre-production configuration																												

**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2022 Army		<b>Date:</b> May 2021
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604713A / <i>Combat Feeding, Clothing, and Equipment</i>	<b>Project (Number/Name)</b> EL2 / <i>Army Field Feeding Equipment</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Upgrade CIMS S&T prototypes to pre-production configuration	2	2021	4	2021