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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 Air Force **Date:** March 2023

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605833F / <i>Acq Workforce- Nuclear Systems</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	227.425	236.382	336.788	0.000	336.788	362.944	370.808	378.608	433.972	Continuing	Continuing
665833: <i>Acq Workforce - Nuclear Systems</i>	-	227.425	236.382	336.788	0.000	336.788	362.944	370.808	378.608	433.972	Continuing	Continuing

**Note**

In FY 2022, PE 0605833F, Acquisition Workforce - Nuclear Systems, Project 664127, (ACQ Workforce - Direct) efforts were transferred to Project 665833 (Acq Workforce - Nuclear Systems) in order to better provide transparency to congress on acquisition workforce execution.

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

This program element directly funds the Air Force Nuclear Weapons Center (AFNWC) and Air Force Life Cycle Management Center (AFLCMC) nuclear acquisition workforce.

AFNWC and AFLCMC equip U.S. forces with operational nuclear weapon systems in support of military and national security operations. The acquisition and product support workforce provides cutting edge weapon systems, sustainment capabilities, and is charged with providing management, tools, technical and business capabilities needed to oversee Nuclear Systems acquisition programs throughout their life cycle. The direct funded acquisition workforce funded in this program element will support all phases of acquisition programs to include material solution analysis, technology development, engineering and manufacturing development, production and deployment, and operations and support. This funding does not include costs for base operating support civilian personnel. These program elements support both civilian pay and non-pay support requirements.

This program is in Budget Activity 6, RDT&E Management Support because this budget activity includes research, development, test and evaluation efforts and funds to sustain and/or modernize the installations or operations required for general research, development, test and evaluation.

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<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> / BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605833F / <i>Acq Workforce- Nuclear Systems</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>
Previous President's Budget	227.425	241.226	288.534	0.000	288.534
Current President's Budget	227.425	236.382	336.788	0.000	336.788
Total Adjustments	0.000	-4.844	48.254	0.000	48.254
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	-4.844	48.254	0.000	48.254

**Change Summary Explanation**

FY23 4.84M reduction reflects AF requested adjustment.

The FY (24) PB provides (1973) authorizations. The FY (24) budgeted Average Work Year Cost (AWYC) is 148,592. The 89.091M FY23 (FY (CY) PB) to FY24 (FY (BY) PB) increase is due to 314 additional authorizations (46.658M), a budgeted AWYC increase (0.003M). The increase of 314 authorizations in this program element is due to 1) projected workforce growth to support and address the nuclear enterprise recapitalization and sustainment efforts and 2) multiple incremental workload transitions within the Center.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Air Force										<b>Date:</b> March 2023		
<b>Appropriation/Budget Activity</b> 3600 / 6					<b>R-1 Program Element (Number/Name)</b> PE 0605833F / Acq Workforce- Nuclear Sys tems				<b>Project (Number/Name)</b> 665833 / Acq Workforce - Nuclear Systems			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
665833: Acq Workforce - Nuclear Systems	-	227.425	236.382	336.788	0.000	336.788	362.944	370.808	378.608	433.972	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

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

This program element directly funds the Air Force Nuclear Weapons Center (AFNWC) and Air Force Life Cycle Management Center (AFLCMC) nuclear acquisition workforce.

AFNWC and AFLCMC equip U.S. forces with operational nuclear weapon systems in support of military and national security operations. The acquisition and product support workforce provides cutting edge weapon systems, sustainment capabilities, and is charged with providing management, tools, technical and business capabilities needed to oversee Nuclear Systems acquisition programs throughout their life cycle. The direct funded acquisition workforce funded in this program element will support all phases of acquisition programs to include material solution analysis, technology development, engineering and manufacturing development, production and deployment, and operations and support. This funding does not include costs for base operating support civilian personnel. These program elements support both civilian pay and non-pay support requirements.

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

	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<b>Title:</b> Acquisition Workforce	218.225	230.003	330.316
<b>Description:</b> The acquisition and product support workforce provides cutting edge weapon systems, sustainment capabilities, and is charged with providing management, tools, and technical and business capabilities needed to oversee Nuclear Systems acquisition programs throughout their life cycle.			
<b>FY 2023 Plans:</b> Fund the Nuclear Systems acquisition and product support workforce.			
<b>FY 2024 Plans:</b> Continue to fund the Nuclear Systems acquisition and product support workforce.			
<b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> The FY24 PB provides 1973 authorizations. The FY24 budgeted Average Work Year Cost (AWYC) is \$168K. The \$89.090M FY23 (CY) to FY24 (BY) PB increase is due to 314 additional authorizations (\$52.58M), a budgeted AWYC increase (\$0.014M) totaling			

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
(\$330.383M total authorizations). The increase of 314 authorizations in this program element is due to 1) PBD 700 projected growth, and 2) multiple incremental workload transitions and re-structure within the center increasing grades in critical nuclear programs.				
<p><b>Title:</b> AFNWC Headquarters (HQ) Management Support</p> <p><b>Description:</b> Provides resources for non-pay AFNWC HQ Management Support providing continuous cutting edge nuclear weapon systems, sustainment capabilities, management, tools, and technical and business capabilities needed to over see Nuclear Weapons acquisition programs throughout their life cycle.</p> <p><b>FY 2023 Plans:</b> Provide day-to-day operations support for AFNWC HQ Staff such as IT support, A&amp;AS contract support, travel, supplies, temporary duty travel, operations and material support contract costs for nuclear system engineering and maintenance.</p> <p><b>FY 2024 Plans:</b> Continue to provide day-to-day operations support for AFNWC HQ Staff such as IT support, A&amp;AS contract support, travel, supplies, temporary duty travel, operations and material support contract costs for nuclear system engineering and maintenance.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> Funding increased to meet inflationary growth of costs within the AFNWC HQ Staff Portfolio.</p>		9.200	6.379	6.472
<b>Accomplishments/Planned Programs Subtotals</b>		227.425	236.382	336.788
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
<b>D. Acquisition Strategy</b>				
N/A				