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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2023 Air Force **Date:** April 2022

<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 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	174.318	227.425	241.226	0.000	241.226	288.534	348.094	355.594	363.054	Continuing	Continuing
664127: <i>ACQ Workforce - Direct</i>	-	174.318	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	174.318
665833: <i>Acq Workforce - Nuclear Systems</i>	-	0.000	227.425	241.226	0.000	241.226	288.534	348.094	355.594	363.054	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>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Previous President's Budget	179.318	226.055	0.000	0.000	0.000
Current President's Budget	174.318	227.425	241.226	0.000	241.226
Total Adjustments	-5.000	1.370	241.226	0.000	241.226
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	1.370			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	-5.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	241.226	0.000	241.226

**Change Summary Explanation**

The FY 2022 President's Budget submittal did not reflect FY 2023 through FY 2026 funding. Therefore, an explanation of the change between the two budget positions for FY2023 cannot be made in a relevant manner.

FY21 Changes: Reprogramming's amount \$5.000M reflects Below Threshold Reprogramming (BTR) for AFLCMC workforce.

The \$15.171M CY to BY increase is due to additional authorizations (\$17.992M) with an Average Work Year Cost (AWYC) increase of \$0.001M, and a non-civilian pay decrease (\$2.821M). The increase of 134 authorizations in this program element is due to workload transition within the Centers. The CY budgeted AWYC was (\$0.150M) and the FY23 (BY) AWYC is (\$0.151M). The AWYC increased by approximately (\$0.001M) per authorization primarily due to a shift in the demographics as more personnel are retiring and being replaced with lower grade trainees and new hires. The non-civilian pay decrease is due to a FY22 (CY) HQ Management Support project completing.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2023 Air Force **Date:** April 2022

<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> 664127 / ACQ Workforce - Direct
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
664127: ACQ Workforce - Direct	-	174.318	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	174.318
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

**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.

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

	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
<b>Title:</b> Acquisition Workforce	168.318	0.000	0.000	0.000	0.000
<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 2022 Plans:</b> N/A					
<b>FY 2023 Base Plans:</b> There is no amount in FY23 due to the change from BPAC 664127 to 665833 in FY22. Please see BPAC 665833 for FY 23 submission.					
<b>FY 2023 OCO Plans:</b>					

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
N/A					
<b>Title:</b> AFNWC Headquarters (HQ) Management Support <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 oversee Nuclear Weapons acquisition programs throughout their life cycle.  <b>FY 2022 Plans:</b> N/A <b>FY 2023 Base Plans:</b> There is no amount in FY23 due to the change from BPAC 664127 to 665833 in FY22. Please see BPAC 665833 for FY 23 submission. <b>FY 2023 OCO Plans:</b> N/A	6.000	0.000	0.000	0.000	0.000
<b>Accomplishments/Planned Programs Subtotals</b>	174.318	0.000	0.000	0.000	0.000

<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A <b>Remarks</b> FY21-25: AFNWC Management Headquarters Support funds transitioning from 3400 O&M to 3600 RDT&E beginning FY21.  <b>D. Acquisition Strategy</b> N/A
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<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
665833: <i>Acq Workforce - Nuclear Systems</i>	-	0.000	227.425	241.226	0.000	241.226	288.534	348.094	355.594	363.054	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**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.

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

	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
<b>Title:</b> Acquisition Workforce	-	218.225	234.847	-	234.847
<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 2022 Plans:</b> 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.					

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
<p>Fund the Nuclear Systems acquisition and product support workforce.</p> <p><b>FY 2023 Base Plans:</b> Fund the Nuclear Systems acquisition and product support workforce.</p> <p><b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> The \$17.992M CY to BY increase is due to 134 additional authorizations and an Average Work Year Cost (AWYC) increase (\$0.001M). The increase of 134 authorizations in this program element is due to workload transition within the Centers. The CY budgeted AWYC was (\$0.150)and the FY23 budgeted AWYC is (\$0.151M). The AWYC increased by approximately (\$0.001M) per authorization primarily due to a shift in the demographics as more personnel are separating/departing/retiring and being replaced with lower grade trainees and new hires.</p>					
<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 2022 Plans:</b> 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.</p> <p>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 Base 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 2022 to FY 2023 Increase/Decrease Statement:</b> The \$2.821M CY to BY decrease is due to a FY22 (CY) HQ Management support project completing.</p>	-	9.200	6.379	-	6.379
<b>Accomplishments/Planned Programs Subtotals</b>	-	227.425	241.226	-	241.226

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A