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

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605833F / <i>Acq Workforce- Nuclear Systems</i>
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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	-	135.770	179.318	226.055	0.000	226.055	-	-	-	-	-	-
664127: <i>ACQ Workforce - Direct</i>	-	135.770	179.318	0.000	0.000	0.000	-	-	-	-	-	-
665833: <i>Acq Workforce - Nuclear Systems</i>	-	0.000	0.000	226.055	0.000	226.055	-	-	-	-	-	-

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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Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force</i> / BA 6: <i>RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605833F / <i>Acq Workforce- Nuclear Systems</i>
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B. Program Change Summary (\$ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	133.231	179.646	223.588	0.000	223.588
Current President's Budget	135.770	179.318	226.055	0.000	226.055
Total Adjustments	2.539	-0.328	2.467	0.000	2.467
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-0.328			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	2.539	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	2.467	0.000	2.467

Change Summary Explanation

In FY20 \$2.539M Below Threshold Reprogramming actions taken to cover the increased expenditures in civilian pay due to the moving of 78 DCA personnel into 0605833F.

The FY22 PB provides 1385 authorizations. The FY22 budgeted Average Work Year Cost (AWYC) is \$.153M The 46.737M FY21 (FY (CY) PB) to 22 (FY (BY) PB) increase is due to 121 more authorizations (17.801M), a budgeted AWYC increase (21.593M), and a non-civilian pay upward adjustment of (0.001M). The increase of 180 authorizations in this program element is due to Nuclear Enterprise recapitalization and sustainment efforts across the FYDP. The budgeted AWYC increased (3K) per authorization due to the recruitment and retention efforts in order to hire and retain a qualified workforce.

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

Appropriation/Budget Activity 3600 / 6	R-1 Program Element (Number/Name) PE 0605833F / Acq Workforce- Nuclear Sys tems	Project (Number/Name) 664127 / ACQ Workforce - Direct
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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
664127: ACQ Workforce - Direct	-	135.770	179.318	0.000	0.000	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

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 2020	FY 2021	FY 2022
Title: Acquisition Workforce	135.770	173.318	0.000
Description: 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.			
FY 2021 Plans: Fund the Nuclear Systems acquisition and product support workforce.			
FY 2022 Plans: N/A			
FY 2021 to FY 2022 Increase/Decrease Statement: 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.			
Title: AFNWC Headquarters (HQ) Management Support	0.000	6.000	0.000

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Appropriation/Budget Activity 3600 / 6	R-1 Program Element (Number/Name) PE 0605833F / <i>Acq Workforce- Nuclear Sys tems</i>	Project (Number/Name) 664127 / <i>ACQ Workforce - Direct</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2020	FY 2021	FY 2022
<p>Description: 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.</p> <p>FY 2021 Plans: Day-to-day operations support for AFNWC HQ Staff such as IT support, A&AS contract support, travel, supplies, temporary duty travel, operations and material support contract costs for nuclear system engineering and maintenance.</p> <p>FY 2022 Plans: N/A</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: 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>			
Accomplishments/Planned Programs Subtotals	135.770	179.318	0.000

<p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks FY21-25: \$80.962M increase due to 1) Transfer of NC3 personnel into PE 0605833F and 2) AFNWC Management Headquarters Support funds transitioning from 3400 O&M to 3600 RDT&E beginning FY21.</p> <p>D. Acquisition Strategy N/A</p>

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Appropriation/Budget Activity 3600 / 6					R-1 Program Element (Number/Name) PE 0605833F / Acq Workforce- Nuclear Sys tems				Project (Number/Name) 665833 / Acq Workforce - Nuclear Systems			
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
665833: Acq Workforce - Nuclear Systems	-	0.000	0.000	226.055	0.000	226.055	-	-	-	-	-	-
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 2020	FY 2021	FY 2022
Title: AFNWC Headquarters (HQ) Management Support	-	-	219.955
Description: 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.			
FY 2022 Plans: 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.			
Fund the Nuclear Systems acquisition and product support workforce.			
FY 2021 to FY 2022 Increase/Decrease Statement:			

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Appropriation/Budget Activity 3600 / 6	R-1 Program Element (Number/Name) PE 0605833F / <i>Acq Workforce- Nuclear Sys tems</i>	Project (Number/Name) 665833 / <i>Acq Workforce - Nuclear Systems</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2020	FY 2021	FY 2022
<p>The FY22 PB provides 1,447 authorizations. The FY22 budgeted Average Work Year Cost (AWYC) is \$.153. The 30.034MFY21 (FY (CY) PB) to 22 (FY (BY) PB) increase is due to 180 more authorizations (17.801M), a budgeted AWYC increase(21.593M), and a non-civilian pay upward adjustment of (0.001M). The increase of 121 authorizations in this program element is due to Nuclear Enterprise recapitalization and sustainment efforts across the FYDP. The budgeted AWYC increased (3K) per authorization due to the recruitment and retention efforts in order to hire and retain a qualified workforce.</p> <p>Title: Acquisition Workforce</p> <p>Description: 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>FY 2022 Plans: 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&AS contract support, travel, supplies, temporary duty travel, operations and material support contract costs for nuclear system engineering and maintenance.</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: Funding increase due to expected inflation of goods and services purchased by staff directorates as well as increase in requirements to support growing workforce.</p>	-	-	6.100
Accomplishments/Planned Programs Subtotals	-	-	226.055

<p>C. Other Program Funding Summary (\$ in Millions) N/A</p> <p>Remarks FY21-25:AFNWC Management Headquarters Support funds transitioning from 3400 O&M to 3600 RDT&E beginning FY21.</p> <p>D. Acquisition Strategy N/A</p>
