

<b>1. COMPONENT</b> AIR FORCE RESERVE	<b>FY 2025 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. DATE</b>  MAR 2023
<b>3. INSTALLATION AND LOCATION</b> YOUNGSTOWN AIR RESERVE STATION, OHIO		<b>4. PROJECT TITLE</b> CONSTRUCT BASE FIRE STATION		
<b>5. PROGRAM ELEMENT</b> 52576F	<b>6. CATEGORY</b> 730-142	<b>7. PROJECT NUMBER</b> ZQEL239001	<b>8. PROJECT COST (\$000)</b> 25,000	
<b>9. COST ESTIMATES</b>				
<b>ITEM</b>	<b>UM</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
PRIMARY FACILITIES				20,185
SUBSTRUCTURE	SM	2,511	242	(605)
SHELL	SM	2,511	2,251	(5,652)
INTERIORS	SM	2,511	964	(2,422)
SERVICES	SM	2,511	3,552	(8,881)
SPECIAL CONSTRUCTION	SM	2,511	804	(2,018)
BUILDING DEMOLITION	SM	2,511	242	(607)
SUPPORTING FACILITIES				2,312
PAVEMENTS	LS	1	895,725	(895)
SITE IMPROVEMENTS	LS	1	398,796	(398)
UTILITIES	LS	1	477,880	(477)
AT/FP	LS	1	292,066	(292)
CYBERSECURITY	LS	1	250,000	(250)
SUBTOTAL				22,497
CONTINGENCY (5%)				1,125
TOTAL CONTRACT COST				23,622
SUPERVISION, INSPECTION & OVERHEAD (6.7%)				1,583
TOTAL REQUEST				25,205
TOTAL REQUEST (ROUNDED)				25,000
<b>10. DESCRIPTION OF PROPOSED WORK:</b> Construct Headquarters Composite Fire Station. Provide facility compliant with installation structural and architectural standards (standing seam/brick façade), and all supporting systems to include all structural, HVAC, plumbing, fire suppression and detection, AT/FP, security, electrical, communications/PA, interior finishes, etc. Provide drive through bays sized to current ARFF vehicle requirements and located to allow for structural and ARFF response options. Provide paved parking area, sidewalks, area lighting, utilities, site landscaping, and paved access roads to support new facility. Demolish existing Fire Station, Bldg 402, prepare demolished area and pave for new facility parking. A/C 80 tons.				
<b>11. REQUIREMENT:</b> 2,511 SM <b>ADEQUATE:</b> 2,093 SM <b>SUBSTANDARD:</b> 852 SM				
<b>PROJECT:</b> Construct Base Fire Station (Current Mission)				
<b>REQUIREMENT:</b> A requirement exists to provide a Headquarters Composite Fire Station to protect flightline and main base assets supporting the 910 <sup>th</sup> Airlift Wing. Provide a complete and usable facility with all required supporting infrastructure and control systems. Comply with Air Force Standard Design Fire Station, UFC 4-730-10, AT/FP, ABA applicable UFCs, and local codes and standards. Sustainable principles, to include life cycle cost effectiveness practices, will be integrated into the design, development, and construction of the project in accordance with UFC 1-200-02.				

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4. <b>PROJECT TITLE:</b> CONSTRUCT BASE FIRE STATION		5. <b>PROJECT NUMBER</b> ZQEL239001	
<p><u>CURRENT SITUATION:</u> Bldg 402, the current 910 CES/CEF facility, was modded/added to a minimum of 3 times since its construction to support the Fire Department's move from Bldg 400 into 402. These modifications have resulted in a functionality chopped up facility. Bunker gear is not properly stored (open bay with no isolated climate control/ventilation), bays do not meet the new ARFF vehicle size requirements, training room is undersized and is being further downsized to accommodate communications server requirements. Bunk rooms are located on the base side of the facility, but was constructed as a two story addition with no restrooms/showers, so shift personnel must go downstairs and through the gym to access restrooms/showers. Due to the lack of storage, the Fire Department uses bays in a facility over 700 feet away from their station to house the hazmat truck, fire extinguisher maintenance, confined space equipment, and hose drying/storage all attributing to facility disjointed operations.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without a new, functional fire station, the 910 Fire Department will be under equipped according to the ARFF and Air Force standards. The mission requires particular vehicles and equipment that is not compatible with the current facility. Should a disaster occur, the Fire Department will not be able to respond at an acceptable speed with acceptable equipment and vehicles due to the location of stored equipment and current vehicles assigned. The Fire Department needs to be 100% mission capable. Without a functional facility, firefighters and first responders will have an unnecessarily difficult time correctly responding to an emergency.</p> <p><u>ADDITIONAL:</u> All reasonable alternatives were considered during the development of this project to include status quo, add/alter, and new construction. This design shall conform to criteria established in the Air Force Corporate Facilities Standards, the Installation Facilities Standards (if applicable), and shall employ A standard facility design. Primary facility pricing based on PACES level 3 cost estimation. This project does not fall within or partly within the 100-year flood plain. Installation POC: Bryan Harris, 910 CE/CEO, Commercial: 330-847-4300. This project meets the criteria/scope specified in Air Force Reserve Command Handbook 32-1001, Standard Facility Requirements.</p> <p>2,511 SM = 27,028 Square Feet.</p>			