

Host Country In-Kind Contributions
 Republic of Korea Funded Construction
 Calendar Year (CY) 2021
 Installation Index
Authorization Request

Service Base/Camp	Project Title	CY 2021	Total	Page No.
Defense-Wide		58,000	58,000	
	<i>Department of Defense Education Activity (DODEA)</i>			
	Camp Humphreys			
	Elementary School	58,000	58,000	149

1. COMPONENT DoDEA		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE February 2020	
3. INSTALLATION AND LOCATION CAMP HUMPHREYS, KOREA			4. PROJECT TITLE: ELEMENTARY SCHOOL		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730-46	7. PROJECT NUMBER A11R925 (92802)	8. PROJECT COST (\$000) 58,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					43,063
Elementary School		SF	99,394	371.32	(36,907)
Nonorganizational Vehicle Parking		SF	56,188	5.20	(292)
Multipurpose Athletics Field		EA	1	993,893	(994)
Special Foundation		EA	1	1,521,000	(1,521)
Playground		LS			(871)
Cybersecurity Measures		LS			(750)
Sustainability/Energy Measures		LS			(737)
Building Information Systems		LS			(991)
<u>SUPPORTING FACILITIES</u>					8,601
Electric Service		LS			(537)
Water, Sewer, Gas		LS			(922)
Paving, Walks, Curbs and Gutters		LS			(430)
Storm Drainage		LS			(829)
Site Imp(3,935) Demo ()		LS			(3,935)
Information Systems		LS			(33)
Communication Lines		LS			(1,915)
SUBTOTAL					51,664
Contingency (5%)					<u>(2,583)</u>
TOTAL CONTRACT COST					54,247
Supervision, Inspection And Overhead (6%)					<u>(3,255)</u>
TOTAL REQUEST					57,502
TOTAL REQUEST (ROUNDED)					58,000
EQUIPMENT FROM OTHER APPROPRIATION					(672)
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Utilize host-nation funding to construct a two-story, 440 student, elementary school facility with playground, non-organizational parking, and a multipurpose athletic field. The school shall be constructed in accordance with (IAW) DoDEA Education Facilities specifications, Elementary Schools version 3.0 dated 4 June 2010. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, DoD Unified Facilities Criteria and other applicable codes. Typical construction such as poured in place concrete and structural steel is anticipated to consist of drilled piers, poured in place concrete, metal studs and concrete block interior partitions. The finished facility must include the following: loading/service areas, information systems, fire protection and alarm systems. Installation of an Intrusion Detection System (IDS) and Energy Monitoring Control Systems (EMCS) connection will be included. Supporting facilities include: site development, earthwork, utilities and connections, lighting, paving, covered walkways, ornamental security fencing with accompanying pedestrian and vehicle access gates, curbs and gutters, storm drainage, information systems, dumpster pad w/screening, landscaping, and signage. Underground storm water management system in compliance with Low Impact Design (LID) criteria are required. Access for children and adults with disabilities shall be provided per the Americans with Disabilities Act (ADA). Sustainable Design and Development (SDD) and the Energy Policy Act of 2005 features will be provided. Cybersecurity requirements in accordance with Engineering Construction Bulletin (ECB 2015-14) are included.</p>					
11. REQUIREMENT: 99,394 SF ADEQUATE: 0 SF SUBSTANDARD:					

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4. PROJECT TITLE ELEMENTARY SCHOOL		5. PROJECT NUMBER A11R950 / 92802
<p>PROJECT: Construct an elementary school and a multipurpose athletic field (Current Mission)</p> <p>REQUIREMENT: A new elementary school is required to support current and future growing population of military and civilian dependents. The elementary school consists of functional areas containing: general purpose classrooms, multipurpose computer laboratory, art room, music room, gym, multipurpose room, information center, special education spaces, occupational/physical therapy, special education office suite, administration suite, guidance counseling suite, health suite, food service, janitorial workroom, maintenance support, school supply/storage area, teacher workroom, technology service center, receiving room, and other required areas for a fully functioning elementary school.</p> <p>CURRENT SITUATION: Adequate permanent facilities are not available to support this requirement. All existing facilities suitable for use under this facility category code are fully utilized.</p> <p>IMPACT IF NOT PROVIDED: The use of undersized facilities will continue to impair the overall education program for students by negatively impacting the quality of life for the military and civilian work force and their family.</p> <p>ADDITIONAL:</p> <p>A. JOINT USE CERTIFICATE: This facility will be available for use by the other components.</p> <p>B. HOST NATION: This project is located on an enduring installation which will be retained by United States Forces Korea (USFK) for the foreseeable future. Host Nation funding will be used to support this requirement.</p> <p>C. PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p>D. ANTI TERRORISM/FORCE PROTECTION: All of the 21 Building Standards for Antiterrorism/Force Protections (AT/FP) will apply to this project, including a Mass Notification System, and site measures, which are outlined in UFC 4-010-01. All facilities will meet current UFC 4-010-01 standards for buildings and site. Such additional AT/FP site features will include concrete or metal pop-up bollards and/or curbs that are at least eight inches high compared to road level to act as barriers to ensure stand-off distance is met in accordance with the reference above. Major AT/FP building features will include design for blast resistant windows, an Emergency Air Distribution Shutoff, and ensuring any roof access prevents anyone from entering the building by utilizing locking mechanism, and caged ladders that can be locked to prevent access.</p> <p>E. SUSTAINABLE DESIGN AND DEVELOPMENT (SDD): Sustainable principles shall be integrated into the design, development, and construction of this project in accordance with the current US Army Sustainable Design and Development Policy and other applicable laws and Executive Orders. This facility shall be designed to achieve energy consumption levels that are at least 30 percent below the levels established in the current version of the ASHRAE Standard 90.1 or the International Energy Conservation Code, as appropriate. All equipment going into this facility must be Energy Star rated or on the Federal Energy Management Program (FEMP) approved list. All utilities shall be metered using advanced meters as defined by FEMP. Strict adherence to the Camp Humphreys Installation Planning Standards is required.</p>		

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<p>F. Full fire protection is required by regulation and UFC 3-600-01 to include a fire alarm/suppression system; mass notification system (MNS) as required by UFC 4-010-01; access control systems; and connection to the utility monitoring control system (UMCS). Fire Alarm panels shall include additional zone module cards to transmit exact location data to the fire alarm computer located at the fire department communication center through the building transmitter installed in the building design.</p> <p>G. The design must comply with Camp Humphreys' Installation Planning Standards.</p> <p>H. Comprehensive interior design package for the AE to complete as required by UFC 3-120-10.</p> <p>I. No portion of this facility is intended for Republic of Korea personnel exclusive or primary use.</p>		