



US Army Corps  
of Engineers®

# ***Far East District*** **2011** ***YEAR IN REVIEW***



***One Team Building Strong® in Korea***





# Far East District YEAR IN REVIEW 2011

- 04 Area I Projects
- 08 Area II Projects
- 10 Humphreys Projects
- 20 Osan Air Base Projects
- 25 Area IV Projects
- 28 Kunsan Projects
- 32 Korea Relocation Projects
- 34 Engineering Division
- 39 Contracting Division
- 42 Resource Management
- 43 Security, Plans & Operations



**US Army Corps  
of Engineers®  
Far East District**

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## From the Far East District Commander To Our Valued Customers and Stakeholders:



Col. Donald E. Degidio, Jr.

In July 2011, I assumed command of the Far East District and it is both an honor and a privilege to serve you—our great customers, stakeholders, and District employees. There has never been a greater, more exciting time to be a part of FED as we continue Building Strong® in Korea!

Fiscal year 2011 was a continued success for the Korea Relocation Program. The Yongsan Relocation Plan (YRP) and Land Partnership Plan (LPP) are well underway as FED has begun even more projects on U.S. Army Garrison Humphreys. One of the highlights is the first vertical project under the YRP—elementary and high school—broke ground and is now well underway.

We have also continued to maintain and repair projects at many of the existing installations throughout the Korean peninsula. Over \$161 million was awarded for construction contracts for Military Construction, Host Nation, Non-Appropriated Fund, and Operations & Maintenance projects. The awards and the completed construction represent significant improvements in the war fighting capability and quality of life for our Soldiers, Sailors, Airmen, Marines, and all members of the U.S. Forces Korea family.

A few examples of how we are continuing to build strong in Korea are the opening of an addition to the Casey Elementary School and improvements to the Rodriguez Range Live Fire Complex in Area I. The school project has been a great improvement to the quality of life for families of soldiers. The building that we provided was delivered on time, within budget, in scope and in a safe manner. As well, the live fire complex has improved the war fighting capabilities of the 2nd Infantry Division and they are very pleased with the project we delivered.

In Area II we continued to sustain Yongsan Garrison through renovations and job-order contracts. We renovated Yongsan Dental Clinic 2 modernizing this 1980s clinic into a state-of-the-art facility. We also began work on a commissary at K-16 airfield which will end the days of a long commute to Yongsan for soldiers and family members assigned there.

At Osan Air Base FED worked on facilities for both the U.S. Air Force as well as the Army. We have continued work on replacing the existing hydrant fuel system which entails a new storage tank and pipelines. For the Army we have made progress on the 35th Air Defense Artillery Brigade Headquarters and Parking Structure.

In Area IV, FED has continued to improve installations at USAG Daegu—one of the enduring hubs under the relocation plan. We brought the new dining facility project to completion at Camp Carroll and I am happy to say that troops are enjoying this great Dining Facility today. No longer will they have to stand in long lines at outdated facilities just to have a meal. On Camp Walker we opened a new high school relieving overcrowding at a K-12 school on Camp Henry.

At Kunsan, work is finishing on new water facilities. We have overhauled everything from the pumping station at the reservoir to the treatment facilities on post. We have also begun work on a new flight simulator that will provide pilots with the real-world training they need, while saving the Government money on fuels costs.

With all of these great projects we never compromise on safety. The Far East District safety program places an emphasis on management leadership and employee involvement. Our employees, service members and contractors safety is something that is non-negotiable.

FED continues to support annual joint and combined forces exercises here on the Korean peninsula and Overseas Contingency Operations, deploying District employees to Afghanistan for reconstruction and economic recovery efforts.

Without exception, we will continue to strive for excellence and be accountable. We remain committed to supporting USFK through the coming challenges and future opportunities. We look forward to yet a more rewarding 2012.



## Warrior Base Project

The construction of the \$457,000 maneuver corridor project at Dagmar North LTA started in September 2010 and was completed in May 2011. This project included removal of high vegetation on seven acres of training land, planting 314 each one meter high Korean Jannamu trees on seven acres of training land, hydro seeding seven acres of training land, and adding gravel to low water areas on 1.1 kilometers of maneuver corridor.

## Yongpyong Projects

The construction of two projects totaling \$700,000 started in July 2010 and was completed in October 2010 and November 2010. The projects include a range operations tower and fiber optic cables for the range tower.

The construction work for the \$2.8 million Republic of Korea Funded in-kind Ammunition Holding Area project started in September 2009 and was completed and turned over to the customer in December 2010. Major scope of work included constructing three reinforced concrete oval-arch earth covered ammunition storage magazines, site work, exterior utilities and site preparation for an explosive storage magazine.



Ammunition Holding Area, Yongpyong



Battle Positions, Yongpyong

The construction of the \$1.5 million Republic of Korea Funded in-kind fire station project started in September 2009 and was completed in January 2011. This 6005 square foot facility included two bays, two stories for administration functions; heating, ventilation and air conditioning; fire alarm system; telephone/LAN system; cable television system; public address system; carbon monoxide system; diesel generator with integral fuel tank and supporting facilities.

The construction of the Battle Positions projects totaling \$1.4 million started in late January 2011 and was completed in April 2011. These projects included construction of seven drives through battle positions, 16 track vehicle concrete turn pads, one concrete low water crossing and gravel paved serpentine maneuver lanes. These projects provided a fully modernized range for combat track vehicle crews to improve their offensive engagement capabilities.

The construction of three projects totaling \$1,942,000 started in September 2010 and was completed in September 2011. These projects included construction of three each two story pre-engineered metal buildings. The three buildings were for a simulator building, a soldier support facility, and a training support facility.



Yongpyong Fire Station, Exterior



Yongpyong Fire Station, Interior

The construction of the \$5.4 million vehicle wash facility started in April 2010 and was completed in November 2011. The vehicle wash facility included construction of multiple primary facilities such as a pre-wash station, wash station, sedimentation tank, equalization tank, sand filter tank, recycled water tank, pumps and water lines, control building and pump house, and concrete hard-stand.

This \$380,000 project, which was constructed adjacent to the forward arming and refueling point area to support the FARP, started in September 2010 and was completed in October 2011. This project included an operations/storage building, a guard booth, grading, drainage, roadway and parking.



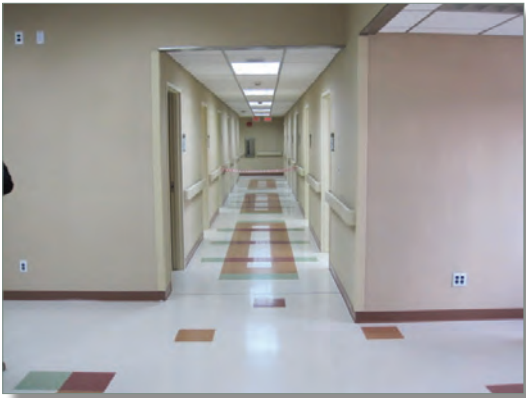
Vehicle Wash Facility, Yongpyong



Camp Stanley Projects

The construction work for the \$647,000 repair of the health clinic started in November 2009 and was completed and turned over to the customer in December 2010. Major scope of work included repair of interior utilities and communication systems, fire detection and alarm system, and replacement of interior finishes. This project included phasing.

The construction work for the \$400,000 repair of the dental clinic started in March 2010 and was completed and turned over to the customer in October 2010. Major scope of work included repair of interior utilities and communication systems, fire detection and alarm system, and replacement of interior finishes. This project did not include phasing.



Camp Stanley Clinic, Interior

U.S. Army Garrison Red Cloud Projects

The construction work for the \$1 million repair and renovation of the veterinary clinic started in March 2010 and was completed and turned over to the customer in January 2011. Major scope of work included repair of interior utilities and communication systems, fire detection and alarm system and replacement of interior finishes. This project included phasing.

The construction work for the \$1.5 million repair and renovation of the health and dental clinic started in March 2010 and was completed and turned over to the customer in January 2011. Major scope of work included repair of interior utilities and communication systems, fire detection and alarm system and replacement of interior finishes. This repair project, like most health clinics, required part of the facility to remain operational throughout construction resulting in complex phasing and stringent safety and health requirements during construction.



Health and Dental Clinic, USAG Red Cloud

U.S. Army Garrison Casey Enclave Projects

The construction work for the \$643,000 addition to the Center for Combat Tactical Training started in February 2010 and was completed and turned over to the customer in May 2011. The facility is an environmentally controlled shell for four government-furnished simulators.

The construction of the \$3 million repair and renovation of the medical clinic started in January 2010 and was completed and turned over to the customer in January 2011. Major scope of work included repair of interior utilities and communication systems, fire detection and alarm system, and replacement of interior finishes. In addition, the functions of many areas were changed to include adding a pediatric clinic and expanded physical therapy clinic. This project also included phasing.



Medical Clinic, USAG Casey

The construction of the \$4 million, 126-person child development center started in November 2009 and was completed and turned



Child Development Center, USAG Casey

over to the customer in January 2011. The facility included activity rooms for infants to toddlers and preschool to kindergarten children, active play room, outreach-transitional care room, and kitchen. The project also included three playground areas.

The construction of the \$6.1 million Department of Defense Dependents School started in January 2011 and was completed and turned over to the customer on August 15, 2011. The project is an alteration of a four-story barracks and included a cafeteria, information center, pre-kindergarten classroom, general purpose classrooms, special purpose classrooms and a multipurpose computer lab.



Casey School Progress in April 2011



Casey School Progress in July 2011



## Yongsan Dental Clinic 2

The contract for renovation of the Dental Clinic 2 at Yongsan was signed in September 2009 and the work was completed in November 2010. The Dental clinic went through total renovation consisting of replacement of floor tiles, ceiling, fire alarm system and new communication system.



Yongsan Dental Clinic 2



## Yongsan South Post Annex

This was a unique project in terms of complexity and sensitivity. This involved movement of wide load of 17 oversize prefabricated modules though the road from Busan to Yongsan and though the post to the location in Yongsan. The contract was awarded on December 14, 2010. The contract involved fabrication of the modules in the States, transport as prefabricated modules and assemble the complete building at site. The transportation of modules within the Yongsan post was a challenge because of the size of the modules, communication /electric overhead cables running across the road and limited width of the gates. The project was completed on September 23, 2011, at a cost of \$ 9.7 million.

## K-16 Aid Station

This contract for renovation of the aid station was awarded on September 30, 2010. This is another community improvement facility being built in K-16 to improve the medical facilities in the K-16. It is anticipated that the renovation of the facility will provide top quality care for the residents and the need for travel to Yongsan main hospital will be minimized. The facility is expected to be completed by January 16, 2012, at a cost over \$ 2 million.



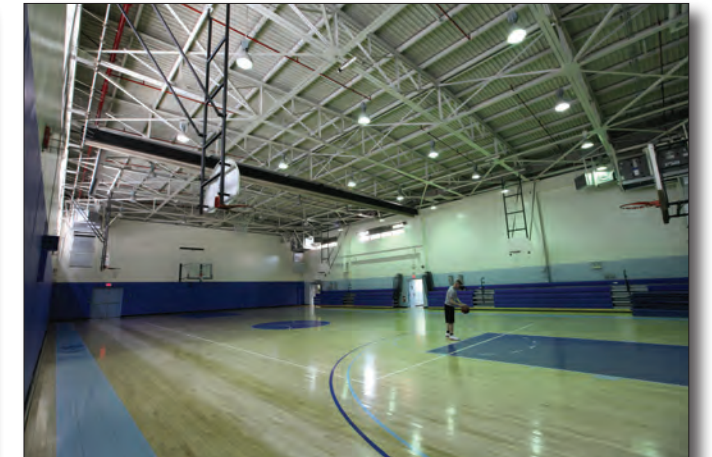
K-16 Alid Station

## K-16 Renovation of Gym

The K-16 Gym was renovated and a new section was added to expand the gym. The contract was signed on September 9, 2009, and most of the work was done during 2010. The total cost of the construction project was nearly \$2 million.



Renovated K-16 Gym, Exterior



Renovated K-16 Gym, Interior

## K-16 Commissary

The contract to build a new commissary was signed on January 7, 2011, at a cost of \$3.4 million. The projected completion date is April 13, 2012. The work is on schedule and 50 percent complete. The exterior finish of the building is complete and interior work such as installation of walls, HVAC ducting etc is nearing completion. Refrigeration compressors were delivered the first week of December.

The commissioning of this commissary is a long cherished need of the K-16 community that will provide relief for the soldiers and the community who have to travel to Yongsan for their commissary needs at this time.



K-16 Commissary



## Pyongtaek Resident Office:

### CY06 ROKFC, Vehicle Maintenance Facility with Five Company Operations (VMF 603 and VMF 605)

These projects are to construct two complexes, each consisting of an 11-bay vehicle maintenance facility with a one-bay welding shop, and five attached two story medium Company Operations Headquarters including a common circulation area with utility rooms and a separate organizational storage buildings. The vehicle maintenance facilities include locker rooms, parts storage, break-training-conference room, technical manual library and offices. The company headquarters for each of the five company operations includes equipment maintenance; nuclear, biological and chemical storage; platoon area; classroom; administrative offices and storage areas. Supporting facilities include utilities, electric service, security lighting, fire protection and alarm system, information systems and energy monitoring and control system. These two facilities are located on Parcel 1, just north of the area known as MP Hill. MM International and Thomas J. Davis, Inc./Jung Il Associated had designed VMF 603 (standard and site adopt design), and VMF 605 (site adopt), respectively. This contract amount is \$41 million with a scheduled completion date of October 2012.



Rendering of CY06 ROKFC Vehicle Maintenance Facility

### CY09 ROKFC-in-Kind, PN A06Y601, Vehicle Maintenance Facility (VMF 601)

This combination vehicle maintenance and five-company operations facility will serve as the future home of the 2nd



CY09 ROKFC-IN-KIND Vehicle Maintenance Facility, USAG Humphreys

Combat Aviation Brigade. It contains 11 vehicle maintenance bays and one inspection pit, comprising a total of 43,142 square feet. The adjoining two-story administration space will hold five medium companies, with a total square foot-area of 39,612 square feet. The organizational parking area will hold tactical vehicles, along with parking slots for vehicle repair work outside the facility. The project also includes a 16,500 square-foot organizational storage building. This project is a Republic of Korea funded construction in-kind project. The contracting agency is the ROK Ministry of National Defense, Defense Installations Agency. FED provides construction surveillance on this project. This \$28 million facility is the first of three of this type to be designed and constructed. Future facilities will follow the new Army standard design. The project is scheduled to be completed in March 2012.

### CY08 ROKFC-in-Kind, A08R612, Aircraft Maintenance Hangar (AVIM) with Access and Parking Apron

The Aviation Intermediate Maintenance Hangar is a Republic of Korea funded construction in-kind project. The contracting agency is the ROK Ministry of National Defense, Defense Installations Agency. FED provides construction surveillance on this project. The nearly \$50 million contract provides a AVIM hangar complex with eight bays for service of AH-64 Apache, UH-60 Black Hawk, and CH-47 Chinook helicopters. It also provides two-story space for a battalion headquarters and four company operations. The hangar complex will also include an aircraft parking apron with pavement lighting, tie downs, and grounding points; access aprons and associated taxiways; aircraft wash apron and storage facility; recently completed flexible engine diagnostic system facility; and a 96-space privately owned vehicle parking area.



Rear of Aircraft Maintenance Hangar



Engine Test Building, Part of AVIM Hangar

### CY10 ROKFC-in-Kind, PN A10R222, HBCT Barracks and Dining Facility

The CY10 Barracks and Dining Facility project, located on Parcel 2B-1, consists of three eight-story, 302 personnel, barracks buildings, and one dining facility. Designated as one-plus-one standard barracks, each building includes separate 157 square-foot living/sleeping room with a 33 square-foot closet per soldier. Each unit shares a bathroom, kitchen and common area. The kitchens are equipped with a government furnished and installed oven/range, microwave



and refrigerator. Each barracks building has three passenger elevators and one service elevator. The first floor has a waiting room adjacent to the lobby along with a charge of quarters, emergency control room, and a mud room. Each floor has a vending machine area with ice machine, phone area and laundry room for the soldiers. Supporting facilities include mechanical-electrical rooms, utilities, emergency generator, area lighting, fire protection, road, parking, side-walks, curbs and gutters, storm drainage, site improvements, and fuel oil storage.

This dining facility is a standard design 1,300 PN facility. The DFAC has a lot of commercial kitchen equipment that comes from the United States. This requires special treatment to make sure the kitchen equipment is correct, arrives in time and is ready to be hooked up.

The contracting agency is the ROK MND-DIA. FED provides construction surveillance on this project. Cost of construction is roughly \$70 million and is scheduled to be completed December 2013.

**FY10 MCA, Consolidated Vehicle Maintenance Shop**

The FY10 MCA Consolidated Vehicle Maintenance Shop (PN 56656) and the FY10 MCA Vehicle Maintenance Facility (PN 58399) are neighboring design-bid-build projects, based on the Army Standard Tactical Equipment Maintenance Faculty (TEMF) designs, located in the new land, Parcel 2B-1. Since last year, both projects have reached approximately 80 percent completion with mostly interior finish work and commissioning activities remaining. When complete in March, 2012, these projects will be part of the future Fire Support complex. Of note, each project consists of a 3,250 square meter open bay vehicle maintenance shop and a 4,000 square-meter administrative area. In addition, these projects also include separate organizational storage facilities, POL storage areas, organizational vehicle parking, a privately owned vehicle parking lot, a perimeter security fence, and site necessary utility infrastructure. Both projects were awarded in June 2010 at the cost of \$14.98 million for PN 56656 and \$14.43 million for PN 58399.



Two FY10 MCA Consolidated Vehicle Maintenance Shop



Vehicle Maintenance Facility, PN 58399

**CY10 Consolidated Heavy Brigade Combat Team Headquarters**

The CY10 Consolidated Heavy Brigade Combat Team Headquarters building is a \$23.6 million multi-story facility located in parcel 2B-1 of the new land. This project is ROK Funded Construction in Kind. When complete, the facility will be capable of supporting a Headquarters Brigade Combat Team command group and up to six subordinate battalion staff sections. The building will include nine classrooms, six brigade conference rooms and 12 battalion level conference rooms. It is also comprised of administrative areas to include office spaces for the Commanding Officer, Executive Officer, Command Sergeant Major, and all primary staff officers. Also included are nine classrooms, six brigade conference rooms, and 12 battalion level conference rooms. Special functions of the building include secure section components consisting of a Brigade Operations Center, controlled access areas, secure documents area, and a

Network Operations Center. Finally, there will be room available for the staff duty section, message center and mail sorting, and a reception area. The project was awarded by the ROK Defense Installations Agency on November 15, 2010, to Kangnam Enterprise Co. Ltd. and is scheduled to be completed in November 2013.



Rendering of Heavy Brigade Combat Team Headquarters



Pile cap form and rebar work

**Parcel K Land Development**

Parcel K is a \$18 million Land Development contract awarded under the Yongsan Relocation Program that includes the necessary earthwork and roadwork for approximately 130 acres of land in the new area of USAG Humphreys. The project consists of excavation, backfill, and landscaping for several future and ongoing vertical construction projects. It also includes all the necessary curb and surface inlets, storm drainage piping, curb and gutter, and pavement for the portions of Avenue E, F, G and 11th Street contained within the project construction limits. The contract was awarded in September 2007 and work is scheduled to be completed by the end of December 2011.



Parcel K



Parcel K paving

**CY04 ROKFC, PN A04R21, Parcel 1 Site Work**

The land area of the project is approximately 205 acres. This project consists of rough grading, bringing land areas up to building elevation (approximately 3.2 million cubic meters of fill), storm drainage and one open channel for storm drainage. Also, includes asphalt roads, concrete sidewalks, bridge culvert and sodding. The current contract amount is \$ 30 million. Completion of this project is scheduled for January 2012.





CY04 ROKKFC, PN A04R21, Parcel 1 Site Work



## CY11 EUSA Barrack and Two Dining Facilities

This CY11 ROK Funded Construction in-Kind project includes one Barracks building and two dining facility buildings. One DFAC is located adjacent to the newly completed FY07 MCA Barracks buildings. The other two buildings, Barracks and DFAC are located in the new land on Parcel 2A.

The Barracks is a standard design, 302 PN, eight story building. The Barracks building is approximately 10,827 square meters in floor area. Constructed of reinforced concrete with EIFS and brick exterior finish. The roof is a Standing Seam Metal Roof System.

The two DFAC's are 1,300 PN each. Each DFAC is a single story building with an area of approximately 2,401 square meters. Construction is reinforced concrete with a structural steel roof truss system.

Awarded in May 2010 project cost is \$35.7 million. Pile driving began in November 2011. The completion of this project is scheduled for November 2012.



CY11 EUSA Barrack & Two Dining Facilities

## FY09 MCA, Vehicle Maintenance Facility, Phase 1 and 2

Located near USAG Humphreys Garrison Headquarters, FY09 MCA Vehicle Maintenance Facility major scope of work features include: vehicle maintenance facility, organizational parking, an organizational storage building, and an oil storage building. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; non-organizational parking; a two-lane access road; paving, walks, curbs and gutters; fencing; oil/water separators; fuel-oil storage; information systems; and site improvements. Pile foundations were driven for the vehicle maintenance shops. For facility management, a direct digital control system was installed. The site will have exterior security lights, passive vehicle barriers and landscaping for visual screening. Awarded in February 2009, project cost is \$12.8 million. Phase 1 was completed and turned over to the Directorate of Public Works on July 28, 2011. Phase 2 is scheduled for completion December 2011.



FY09 MCA Vehicle Maintenance Facility



## CY10 ROKFC-in-Kind, PN A08R613, Airfield Operation Building

This project is for the construction of an Air Operations Facility. The facility is located on the northwest end of the USAG Humphreys airfield. It is a two story, 15,000 square foot facility, which will also include POV, Government Vehicles and bicycle parking and landscaping. The cost of this construction is approximately \$5.8 million and is scheduled to be completed in June 2012. Included in this cost is the demolition of the existing airfield operations building and restoration of the grounds.

## FY10 MCA, Airfield Rescue & Fire Station and Satellite Fire Station

This project is to construct two fire stations including one Central Station and one Satellite Station. The Central Fire Station, will be a combined Airport Rescue Fire Fighting and Structural Fire Station with a 911 Emergency Korea Wide Dispatch Center. This station will have an apparatus room to house fire protection vehicles and a vehicle wash/maintenance bay. There will also be disinfecting facilities for emergency medical equipment. The fire station will have living quarters for twenty four fire fighters. Other features included are; laundry storage, kitchen, alarm communication center, emergency operations center, administrative offices and training facilities. Sustainable design and Development and Energy Policy Act of 2005 features will be provided. Awarded in February 2010, project cost is \$ 9.9 million. The Satellite Fire Station is scheduled for completion July 2012. The Central Fire Station is scheduled for completion October 2012.



FY10 MCA Central Fire Station



FY10 MCA Satellite Fire Station and 911 Center



Parcel 2 Resident Office:

ROKFC, Land Development and Utilities Infrastructure – Parcel 2A and Existing Humphreys

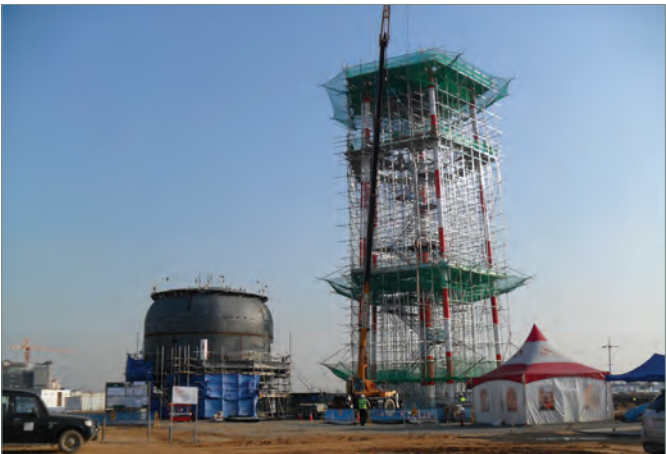
The Land Development and Utilities Infrastructure Project is the largest design-build contract ever for FED. The \$480 million design-build contract is for land development and utility systems and infrastructure on the existing garrison and in the acquired land for expansion of USAG Humphreys in accordance with the Yongsan Relocation Plan. The effort has required hauling, placing and compacting millions of cubic meters of engineered fill in approximately 570 acres in the land area adjacent to USAG Humphreys designated as Parcel 2A. Parcel 2A is divided into 13 sub-zones. The work in each zone is scheduled and sequenced in a manner to support the schedules for further construction. The contractor is already constructing roads and storm water drainage systems and installing utility networks for water, sewer, electric, natural gas, and command, control, communications, computers and intelligence in utility corridors throughout Parcels 2A, 1, K and existing Humphreys. This contract also entails making final connections with the local municipal utility providers: Pyongtaek City for water and sewer, Korea Electric Powers Co. for electricity, and Samchully for natural gas. Work also includes a switching-station and water chlorination plant, storage tanks, and lift stations.



Ongoing Utility Corridor Installation in Parcel 2A



1.5 Million Gallon Ground Storage Water Tank



250,000 Gallon Elevated Water Storage Tank



SKEC Switching Station and KEPCO Substation (right)

YRP Land Development and Utilities Infrastructure - Parcel 2B-1

The Land Development and Utilities Infrastructure Project is a turn-key contract to provide land improvements and utilities on 820 undeveloped acres. The scope of work includes the design of soft soils preparation and placement of four million cubic meters of engineered fill requiring extensive hauling of off-site soils. Its purpose is to upgrade rice paddies into buildable sites which will sustain pile foundations as required for the future vertical structures and prevent differential settlement of horizontal structures. This contract totals \$131 million and it has been awarded by the Republic of Korea Ministry of National Defense. The project began in fall 2009 and is scheduled for completion in April 2013. With construction of soil improvement, the contractor will also design and construct five miles of roads and utility systems for water and fire protection, 2.3 miles of sewer lines, 3.7 miles of electrical power, 3.7 miles of natural gas, and 6.5 miles of C4I (command, control, communications, computers and intelligence). The contractor has nearly completed landfill and is preparing to start utilities work. All vertical construction projects on the filled land are already underway.

YRP Site Preparation and Utilities Facility Construction – Parcel 2B-2

This turn-key contract provides land improvements and utilities on 605 undeveloped acres. The scope of this contract involves the design of soft soils preparation and construction of 3.5 million cubic meters of engineered fill. It includes on-site excavation of about 2 million cubic meters of soils from existing detention bases that has been dried and compacted to be used as engineered fill. Concurrent with construction of soil improvement, the contractor is also designing and constructing five miles of roads and utility systems for water and fire protection, three miles sewer lines, four miles of electrical power, 4.4 miles of natural gas, and 7.2 miles of C4I. This design includes the future site for much of the new “downtown, housing, and the Humphrey’s golf course. This contract totals \$129 million and it was awarded by the Republic of Korea Ministry of National Defense. The project began in fall 2009 and is scheduled for completion in July 2013.



Pile Driving for Parcel 2B-2 Flood Gate Installation



Parcel 2B-2 Fill Continues

Family Housing Resident Office:

FY09 MCA, Family Housing Tower

FY09 MCA Family Housing Tower scope of work includes constructing three high-rise, multi-story family housing apartment towers to accommodate a total of 210 Senior Non-Commissioned Officer through Field Grade Officer



military personnel and their families in 3, 4 and 5-bedroom units. Each of the three towers were designed to accommodate up to 72 dwelling units, with ancillary facilities such as tot lots, multi age playgrounds, and one underground POV parking garage connecting the three towers to accommodate 285 vehicles. Living quarters will include: 136 three-bedroom units (1,891 square feet); 50 four-bedroom units (2,168 square feet); and 18 five-bedroom units (2,447 square feet). The project was awarded in June 2009 at a cost of \$111 million. Current cost is \$116.4 million. Project is 62 percent complete and ahead of schedule. Completion is scheduled for August 2012.



FY09 MCA Family Housing Tower, Aerial View from Northwest



FY09 MCA Family Housing Tower artist perspective

Senior Leader Quarters Complex with Underground Parking (Phase 1)

Senior Leader Quarters deliver unaccompanied personnel housing for officers and senior enlisted by leveraging private sector capital to build, operate, maintain, and improve the facilities freeing up scarce military construction resources. Phase 1 will accommodate 384 units comprised of four 96-unit towers with underground parking. The facilities will be located on the new land. This is a build to lease project. The Government lease will be for 15 years with options to renew and the leasing officer is the HQ USACE Director of Real Estate. Successful Offer for Phase 1 was selected on December 10, 2009. License agreement was signed on August 20, 2010. Construction NTP was issued on September 30, 2010. Construction Cost is 71,849 million won. Project is 62 percent complete and ahead of schedule. Completion is scheduled for May 2012. Currently structural roof work and interior mechanical and electrical work are ongoing.



Phase 1 BTL Senior Leader Quarter



Rendering of Phase 1 BTL Senior Leader Quarter

CY08 YRP Elementary School and High School

The CY08 YRP schools project includes construction of an 875 student elementary school and 950-student high school in accordance with the latest Department of Defense Dependant Schools education facilities specifications. The three-story facilities include 215 class rooms, 12 sports fields, multiple playgrounds, green spaces, 624 parking spaces, and an area designated for future expansion of the high school (approximately another 900 students). This is the first YRP vertical construction project. Quality assurance and contractual oversight is performed by MURO and KC-PMC with FED responsible for construction surveillance. The project was awarded in June 2011 to the Samsung Consortium at a cost of \$83.9 million. The project is scheduled for completion in June 2013. By the end of CY11, all piles were completed and the contractor was working on pile caps and site work.



Piles for the elementary school



Rebar and formwork installation for pile cap



Rendering of YRP Elementary School and High School



# Osan Air Base Projects



## FY07 ROKFC, 35th Air Defense Artillery Brigade Headquarters and Parking Structure

The construction work for this FY07 Republic of Korea Funded Construction project started on March 12, 2010 with a scheduled to be completed in June 2012 for 35th Air Defense Artillery Brigade Headquarters and in February 2012 for parking structure. This \$27.7 million project consists of constructing 35th ADA BDE HQ, Parking Structure and Army Facilities. Brigade headquarters will be five stories above ground housing administrative offices for the 35th ADA BDE, Headquarters & Headquarters Battery and Bravo Battery, and three BCD-K administrative offices. Also, 35th ADA BDE tactical operations center will be located in two-stories below ground for supporting the daily and contingency operations of the War Operations Center, ADA Element, the Fire Direction Center, Critical Communications systems, and providing contingency workspace for the 35th ADA BDE Brigade staff. Since the TOC is conceived as a functioning contingency facility, it will also provide contingency living facilities, including rest and ready rooms, latrines and showers, lockers, and storage facilities. This facility will also support daily operations of the Brigade HQ on a limited basis. The Parking Structure will support the needs of the new Brigade HQ facility, the existing 7th Air Force facility, the Korea Air Simulation Center and other nearby office & service facilities. The new parking structure will provide up to 274 parking spaces on five levels. This is an increase of 240 plus spaces over the existing 30 spaces now provided.



Brigade Headquarters



Parking Structure

## CY10 ROKFC, Consolidated Radar Approach Control/Airfield Management/Tower Facility

The construction work for this CY10 Republic of Korea Funded Construction project started on March 23, 2011 with a schedule to be completed in May 2013. This \$10.8 million project consists of constructing one-story building for the Radar Approach Control/Airfield Management and a nine story Air Traffic Control Tower to be utilized by the 51st Operations Support Squadron. The RAPCON/Airfield Management will provide working spaces for the administrative functions, operations, equipment maintenance and repair, storage rooms, toilets and other special spaces for the users such as distinguished visitors and airmen lounges, break room, conference and training rooms. The Air Traffic Control

Tower will include Control Cab on the ninth floor, mechanical rooms, equipment room, training room, ready room/break room, and administration areas will include chief control office and administration.



Consolidated Army Facility



RAPCON Airfield Management Tower Facility

## CY09 ROKFC-in-Kind, Hot Cargo Pad

The construction contract for this CY09 ROKFC-in-Kind project was awarded on November 25, 2010 with a schedule to be completed in April 2012 by Republic of Korea Ministry of National Defense–Defense Installation Agency. This \$6.5 million project will construct a new hazardous cargo pad and associated taxiway. The pad will be capable of supporting the full weight and turning radius of C-5 aircraft.



Removing old concrete for a new hot cargo pad



Hot Cargo Pad



CY06 CDIP, 2nd Runway Phase II

The construction contract for this CY06 Combined Defense Improvement Project was awarded on April 7, 2011, with a schedule to be completed in September 2013 by Republic of Korea Ministry of National Defense – Defense Installation Agency. This \$52 million project will construct a Class B (9,000 feet long, 150 feet wide) PCC runway, 700 feet north of (and parallel to), the existing runway. The project includes 1,000-foot AC overruns, 25-foot AC shoulders, three connecting taxiways, as well as the relocation of numerous facilities.



2nd Runway Phase II

CY11 ROKFC-in-Kind, Construction Joint Senior NCO Dorm

The construction contract for this CY11 ROKFC-in-Kind project was awarded on October 14, 2011, with a schedule to be completed in October 2013 by Republic of Korea Ministry of National Defense-Defense Installation Agency. This \$32.9 million project will provide the construction of a new eight-story Senior Non-Commissioned Officers dormitory. Primary facilities include one-bedroom living units, multi-purpose activity rooms, public restrooms, bulk storage, and mechanical rooms. Supporting facilities include utilities, electric service, fire protection, exterior lighting, parking, storm drainage, fuel oil storage tank, information system, and site improvement. The facility will meet all applicable DoD AT/FP requirements including minimum standoff distances.



Rendering of Senior NCO Dormitory

CY10 ROKFC-in-Kind, Upgrade HTACC/KCOIC

This project requires construction throughout areas of these two hardened, interconnected facilities to upgrade life/safety/health components and infrastructure, and to improve living conditions in support of 24-hour operations. The work plan is complex due to the need for continuous occupant use during construction, and requires 28 phases (groupings of rooms) in each building to be carried out sequentially. The 2011 work plan has required several adjustments to accommodate user needs; however, work has proceeded in an orderly and efficient manner. All restrooms have been completed and the main HTACC operations room is due to be finished before year’s end. The construction contract for this CY10 ROKFC-in-kind project was awarded on September 3, 2010, with a contract period of two years and a cost of \$12.5 million. The contract is held by the MND-DIA.

Consolidated Army Facilities

The construction contract for this CY07 ROKFC project was awarded on July 8, 2010, with a schedule to be completed on January 27, 2012. This project could successfully complete November 21, 2011 in order to support 51st CES mission without expediting cost. This \$2.4 million project provided two maintenance bays with floor radiant heating, administration offices, break room, tool room, hazardous waste storage, oil storage and battery storage, 40 parking spaces for Humvee, 16 parking spaces for Humvee trailer, 10 parking spaces for MTV and one parking space for fuel trailer.



Consolidated Army Facilities

FY09 OMAF, Repair and Upgrade of SNCO/NCO Dormitories

The design build contract for FY09 Operation and Maintenance, Air Force Funded project was awarded on September 26, 2009, with a schedule to be completed on June 2, 2012. Actual completion date is December 15, 2011, in order to execute 51st MSG mission. This \$10.7 million project provided renovation of existing toilets and kitchen, upgrade/repair of existing HVAC, and new interior finishes, plumbing, plumbing fixtures, electrical service/distribution, fire alarm/detection system, interior finishes, wall finishes, floor finishes, paint interior and exterior walls.



Repair/Upgrade SNCO Dormitories

FY10 OMAF, Upper Floor Alteration, Bldg 777

The construction work for this FY10 OMA Funded project started on January 13, 2011, with a scheduled to be completed in January 2012. This \$500,000 project consists Upper Floor Alteration, Bldg 777, Osan Air Base. The work



will include the relocation of walls, bathrooms/plumbing, sewer lines, upgrading the electrical, HVAC, and fire alarm systems.

**FY11 OMAF, Repair Airman Dorms B1365 & B1366**

This \$8.5 million project consists of renovating the interior of two dormitories located at Building 1365 and Building 1366 for the U.S. Air Force. The contract was awarded on July 22, 2011, to Fine Construction Company, Ltd and is scheduled to complete by January 28, 2013. Each facility is a three story building with approximately 60 living spaces on each floor. The scope of work consists of removal and repair and/or replacement of floors, ceilings, walls, cabinets, etc and includes civil, architectural, mechanical, electrical, and fire protection items.

**FY10 MILCON, Hydrant Fuel System**

The construction work for this FY10 MILCON project, funded by the Defense Logistics Agency, started on August 27, 2010 with a scheduled completion in April 2013. This \$17.9 million project includes replacement of the existing JP8 fuel hydrant system with a Type IV hydrant system (1,800 GPM maximum capacity) consisting of two 70,000 BBL (2,940,000 gallons) cut-and-over operating tanks, a 6,500-foot long, 10-inch diameter fuel hydrant piping loop, and other associated equipment and systems. The steel shell for the first of the two large tanks is completed and the outer concrete wall is in progress. The first phase of the fuel hydrant pipeline is completed.



Pipe laying for fuel system



Fuel storage tank

# Area IV Projects



**CY07 ROKFC In-Kind, Construct a 1,300 PN Dining Facility, Camp Carroll**

The construction work for this CY07 ROKFC in-kind started in December 2009 and finished in October 2011 at a cost of \$12.5 million. This project is to construct a 1,300 PN one story dining facility including 460 dining seats, offices, kitchen, parking spaces, utilities, fire protection, and communication system. The total area of the dining facility is 30,000 square feet.



Dining Facility, Camp Carroll

**CY05 ROKFC, Access Control Point and CY06 ROKFC, Admin/Multi-Purpose Facility, Busan Storage Facility, Busan**

The construction work for these CY05 and 06 ROKFC projects started in June 2010 and finished in September 2011 at a cost of \$5.3 million. The scope of work for CY05 ROKFC, ACP project is to construct a new vehicular access control point with visitor center building. Work includes guard booth, crash beam barrier, canopy, pedestrian gate, guard rail, vehicle check point lane and lighting. The scope of work for CY06 ROKFC, Admin/Multi-Purpose Facility project is to construct a three-story Admin/Multi-Purpose Facility. Work includes limited private offices, open office areas, conference room, office automation equipment support space and break room. The total area of the Admin/Multi-Purpose Facility is 10,800 square feet.



Admin/Multi-Purpose Facility, Busan



**CY06 ROKFC, DoDD School Bldg 330 & 338, Camp Walker**

The construction work for this CY06 ROKFC project started in June 2010 and finished July 2011 at a cost of \$9.3 million. This project is to convert the existing three story barracks (Bldg 330) into a high school for grade nine thru 12 and the converted facility includes, class rooms, science and chemistry laboratories, business/computer labs, language laboratory, and administrative offices. Also, this project is to renovate the existing dining facility (Bldg 338) for cafeteria, kitchen, and media room. The total area of the high school is 62,300 square feet.



Camp Walker School in February 2011



Completed Camp Walker School

**CY07 ROKFC-in-Kind, Bachelor Enlisted Quarters, Chinhae**

The construction work for this CY07 ROKFC-in-kind project started in December 2009 and finished in September 2011 at a cost of \$4 million. This project is to construct a 32 personnel three-story bachelor enlisted quarters facility. The building is a concrete structure consisting of oriental roofing clay tile system, and exterior insulation and finish system wall. The total area of the facility is 1,425 square meters. The construction also includes concrete pavement areas, utilities and retaining wall.



Bachelor Enlisted Quarters, Chinhae

**CY07 ROKFC-in-Kind, Fire Station, Chinhae**

The construction work for this CY07 ROKFC-in-Kind project started in December 2009 and finished in May 2011 at a cost of \$2.8 million. This project is to construct a new two story fire station facility. The facility is a concrete structure consisting of oriental clay tile roofing system and EIFS wall system. The facility has three bays to house fire fighting vehicles. The total area of the facility is 794 square meters. The construction also includes concrete pavement areas, utilities and retaining wall.

*"It's always a great day when we get to turn over a new facility."*

Sam Adkins, Chief of FED Construction Division

*"Over the past four years this station has answered the call at least 10 times a month. These brave firefighters deserve this new facility."*

Rear Adm. Peter Gumataotao, Previous Commander, U.S. Naval Forces Korea



Ribbon Cutting Ceremony for Chinhae Fire Station, May 20, 2011

**CY07 ROKFC-in-Kind, Natural Gas Distribution System, Chinhae**

The construction work for this CY07 ROKFC-in-Kind project started in May 2010 and finished in September 2011 except for gas connections to 10 buildings. The remaining 10 buildings will be connected in the spring of 2012 after the heating season. The cost for the project is \$2.4 million. This project is to convert the existing oil fired heating system to utilize natural gas for approximately 44 buildings and provide future gas connection to the remaining buildings at Chinhae. The construction includes a governor building, all gas distribution lines, regulators, leak detectors, automatic meters, gas equipment facilities, replacement/modification of existing fuel oil burners/heaters, connection to boilers/heaters, and removal of existing heating fuel oil lines and tanks.

**CY09 ROKFC, Security Forces Building, Camp Mujuk**

The construction work for this CY09 ROKFC project started in December 2010 and will finish by February 2012. The cost for the project is \$1.7 million. This project is to construct a security forces building consisting of reinforced concrete foundations, walls and floor, structural steel roof framing, protected metal roofing, sprinkler system, fire alarm system and HVAC system. This building will serve a 35-man security force.



## Airfield Paving IDIQ Contract

Kunsan Resident Office completed several airfield paving Indefinite Delivery Indefinite Quantity projects in FY11. The include: Repair Taxiway and Apron Pavement Markings, Repair Hot Cargo Pad, Replace Concrete Slabs at Runway, and Repair Juvat Pad and Taxiway G. Total contract value of Airfield Paving project was over \$1 million.



Airfield Paving IDIQ Contract (Juvat Pad)



Airfield Paving IDIQ Contract (Taxiway G)

## Job Order Contracts

A number of Job Order contracts projects were completed and turned over to the Government in FY11. They include Repair HVAC System at PMEL, Construct Landfarm, Install Heating System in MHE Storage facility, replacement of the VORTAC radar roof, and replacement of the golf course kitchen hood duct. The the total amount of JOC projects completed was over \$1 million.



Landfarm for contaminated soil



VORTAC radar roof replacement

## FY09 OMAF, Repair Dormitory #1418 and Mechanical Building

This project repaired HVAC system including mechanical equipment in the mechanical building. The work included replacement of Air Handling Units, Fan Coil Unit, and HVAC ducts and pipes, and domestic water lines. Interior finish materials including carpet, floor and wall tiles, and Vinyl Composite Tile were also replaced by the project. The project was awarded in January 2010 in the amount of \$3.8 million, and was completed in March 2011.

## CY07 ROKFC, Dormitory (528 Rooms)

This ROKFC project constructed a seven-story Enlisted Personnel dormitory to provide 132 EA Air Force standard modules. Each module consists of four bed rooms and one shared space. Each bed room has a separate latrine and closet. The project also provided lounges, break rooms, and laundry rooms. The HVAC system, Collective Protection System, fire alarm and suppression system, and other support system including a gazebo and trash enclosure were provided under this contract. The project commenced in March 2008, and was completed in November 2010 at a cost of \$31.3 million.



528-Room Dormitory

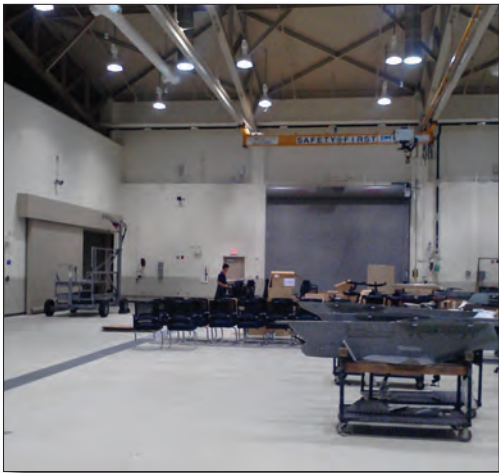
## FY09 OMAF, Repair Officer Quarters, Benjo Heights

This \$2.3 million project repairs four field grade officer quarters at Benjo Heights, B-223-226, as well as a central mechanical room B227. Interior room finishes include new windows, floors, walls, ceilings, plumbing fixtures, cabinets, counter tops, and vanities. Renovation of the HVAC system includes piping, fan coil units, and new high efficiency boilers and chiller. The project also replaced asphalt paving and concrete paving. The project was completed in May 2011.



**CY08 ROKFC, Maintenance Complex, Phase 1, Fabrication Shop, and CY09 ROKFC, Maintenance Complex, Phase 3, Armament Shop**

Two ROKFC projects were awarded as one contract to construct two maintenance buildings, Fabrication Shop and Armament Shop. The Fabrication shop has three functional areas for Non Destructive Inspection, Aircraft Metal Technology, and Structural Sheet Metal. The Armament shop has two functional areas, Armament Shop and AME shop. Both buildings consist of pile foundation, reinforced concrete floor slab, reinforced concrete walls, concrete embedded steel columns, and sheet metal roofing. HVAC and fire alarm and detection systems were provided under the project. The project was awarded in April 2010, and was completed in September 2011 at a cost of \$12.8 million.



Maintenance Complex, Phase 1, Fabrication Shop and Maintenance Complex, Phase 3, Armament Shop, Interior



Maintenance Complex, Phase 1, Fabrication Shop and Maintenance Complex, Phase 3, Armament Shop, Exterior

**CY03 CDIP, Construct Water Treatment Plant**

This \$6.8 million Combined Defense Improvement project consists of three parts, upgrade water treatment system at main water treatment plant, construction of second city intertie building, and upgrade intake structure at Okku Reservoir. Work at the main water treatment plan includes construction of a new filter building, clarifier, and pre-chemical storage building, and repair of the pre-sedimentation building, existing booster pumps, post chemical storage building, and chemical feeder buildings. All control and electrical system were also replaced by the project. The completed second city intertie building and half miles of on-base city water line was turned over to the Government in July 2010. Two-and-a-half miles of off-base city water line connected to on-base city water line through the second intertie building was constructed by the Kunsan city contract. The new intake structure to replace the existing intake structure, and repair the existing pump house at Okku Reservoir were completed in October 2011. Construction at the main water treatment

plant was completed in November 2011. The contractor is currently tuning the chemical induction and filtering systems to provide potable water. This process is scheduled to be complete by the end of December 2011.



New Filter Building of Water Treatment Plant



Control Room of Water Treatment Plant

**CY03 ROKFC-in-Kind, Construct Maintenance Complex Phase II Accessory Shop**

This project is approximately \$8 million. It will provide a maintenance facility for the Accessory Shop. It will have four functional areas: wheel and tire, hydraulics/electrical, external tank, and Squadron CSS/Program Flight UCC. The administrative area of the building will have a Collective Protective System. Current construction progress is approximately 40 percent complete. The contractor is currently working on the standing seam metal roof and exterior insulation finish system. Estimated construction completion date is June 2012.



Maintenance Complex Phase II Accessory Shop

**FY11 MILCON, Construct DMT Flight Simulator**

This project constructs a new Distributed Mission Training Flight Simulator. The flight simulator will give the Air Force a cost effective method to train their pilots. The ground breaking ceremony for this project was held on August 22, 2011. Pile driving and concrete grade beam placement are complete. The project is approximately 11 percent complete. Contract completion date is January 2013.



# Korea Relocation Projects



FY11 saw a continuing increase in the momentum for the massive Korea Transformation Program with significant progress being made on numerous projects and task orders, and initiation of new actions. The program consists of the Yongsan Relocation Program funded directly by the Korean Government, and the Land Partnership Plan resourced by various U.S. controlled funding programs; Military Construction, Republic of Korea Funded Construction, ROKFC-in-Kind, Major NAF and other sources. As of the end of FY11, there were 80 projects valued at \$4.6 billion in design and 25 projects valued at \$1.5 billion under construction. To date construction has been completed on five projects valued at \$126 million.

Of the 28 calendar year 2009 Project Initiation Memorandum projects, eight final Criteria Packages were completed and accepted by the U.S. and Republic of Korea Design and Construction Agents during the year and five additional Criteria Packages had been submitted for final review. In November 2011 the Far East District awarded a task order for a team from one of the SOFA AE firms to assist the Director of Public Works and IMCOM-K Region Transition Office to validate the requirements and prepare DD Form 1391s for the nine PIMs for calendar year 2010. These DD Form 1391s were submitted to the Ministry of National Defense U.S. Force Base Relocation Office in February and 8 were signed by the U.S. and ROK DCAs by the end of the year. In late FY11 a calendar year 2011 PIM was initiated for the Animal Building and Others project. As the year ended, design efforts were proceeding on 24 Criteria Packages. The total for the facilities to be designed under the PIMs is \$2.03 billion.

Steady progress has been made on the Security Policy Initiative projects with completion of design for the Dental Clinic and Hospital being submitted at the end of the FY, although there was a last minute decision to modify the mechanical systems to disconnect the Dental Clinic from the Central Utility Plant. The design for the Elementary School and High School were completed in December 2010 and the construction contract was awarded at the end of May 2011. The design for the SPARTAN Sites A and B progressed to 80 percent and designs for the Communications Center and Phase III Facility were at 50 percent. The Communications Center design had been revised during the year to include collective protection and the transfer of 150 personnel from the KORCOM HQ project. The Criteria Package for the Hospital Barracks and Dining Facility project was completed and accepted by the U.S. and ROK DCAs in December 2010 while the Criteria Package for 8th Army/IMCOM HQ was nearing completion. The DD Form 1391s for the KORCOM Headquarters and the Consolidated SCIF were finally signed in August and negotiations were proceeding on the completion of the CP and 100 percent design packages, respectively. The completed design for YRP Family Housing Towers project was waiting the decision whether it would be combined with Humphreys Housing Opportunity Project or constructed as a separate project.

Land development progressed well in the new land. Following land fill completion in Parcel 1 and Parcel K in FY10, work for roads and storm drainage has continued to progress to near completion. Land fill reached 95 percent in Parcel 2A, 40 percent in Parcel 2B-1 and 46 percent in Parcel 2B-2. The utility designs were completed for all areas and SK E&C's utility work Parcels 1, 2A, and K and on existing Humphreys progressed to approximately 26 percent complete. Daewoo coordinated completion of land fill zones in Parcel 2B-1 to support the start of three Republic of Korea Facility Construction In-Kind projects during the year; Headquarters Brigade Combat Team Consolidated Headquarters, HBCT Barracks and 8th Army Barracks.

Significant progress was made on the LPP projects. The FY07 and FY08 MCA projects for six barracks were completed in Parcel 1 during FY11, although occupancy was delayed until completion of the sewer upgrade to connect to the treatment plant. The FY09 Army Family Housing Towers with 210 apartments and Build to Lease Senior Leaders Quarters with 384 living spaces in Parcels 1 and K were at 51 percent and 43 percent complete respectively. A total of six Vehicle Maintenance Facilities was in various stages of construction. The FY09 MCA VMF was 94 percent complete and two FY10 VMF projects were 67 percent and 63 percent complete respectively. A ROKFC-in-Kind VMF for the 2nd Combat Aviation Brigade was at 70 percent while the two ROKFC VMFs were at 15 percent after reprocurement when the original contractor defaulted. A FY10 MCA project was underway to replace the main Fire Crash



and Rescue Station adjacent to the airfield and construction of a Satellite Fire Station in the Zoeckler Station area. Five ROKFC-in-Kind projects were under construction including a Theater Aviation Maintenance Hangar project had progressed to 74 percent. Timely completion of this project is critical to clearing the area for the new Hospital and Dental Clinic to begin construction by middle FY12. The four other projects include a new Airfield Operations Building, the Consolidated HBCT Headquarter and two projects to construct four barracks and three dining facilities. On September 26, 2011 an ECIP project was awarded for Geothermal Heat Pumps to be installed in the Community Activity Center for energy savings.

There were 24 LPP and others projects in various stages of design. Design for six CY11 ROKFC-in-Kind projects had been completed and released to MND's Defense Installation Agency for award of the construction. These include a Child Development Center, Aircraft Parking, Warrior Support Area Distribution Node, a Barracks project and two VMF projects. The design is progressing on six each CY12 and CY13 ROKFC In-Kind projects. The design for ROKFC project for the Downtown Area Distribution Node was completed pending authority to advertise while the 2nd Infantry Division Headquarter SCIF was just getting started. There are two CY14 projects authorized for Army Family Housing-Senior Leaders and an Elementary School. As the year ended, there were six MCA projects; five just starting design in the FY13 and FY14 program years. The redesign of the FY08 MCA complex for the 501st Military Intelligence Brigade and Battalion Headquarters to meet the latest secure area criteria had reached 90 percent.

The Task Order Management Branch oversaw the program management consortium, a joint venture of Kunwon and CH2MHil. The PMC assisted in numerous areas for the management of overall program issues. During the year the PMC provided services to complete numerous task orders, developed or updated briefings and performed key program analysis. Major deliverables were the CY11/Downtown Relocation master plan and CY10 program management baseline in early calendar year 2011. JTO 17 for CY10 program management services and JTO 18 for CY10 C4I program management services were completed and closed. JTO 12 for phase two of the program management information system was completed and JTO 16 for the program management office has continued toward completion. JTO 19 for CY11 program management service and JTO 20 for CY11 C4I program management services were developed, negotiated, and awarded. As the year ended, JTO 21 and 22 for CY11 general and C4I program management services were in development with MURO.



## Cost Engineering Branch:

In FY11, Cost Engineering Branch continued to work on implementing the Corps of Engineers estimating software to be used for Korea projects. The National databases used by the software are not applicable to construction in Korea so the databases will have to be regionalized using Korean cost data. Use of the software will go a long way toward standardizing all cost estimates prepared in-house and by our Architect Engineers.

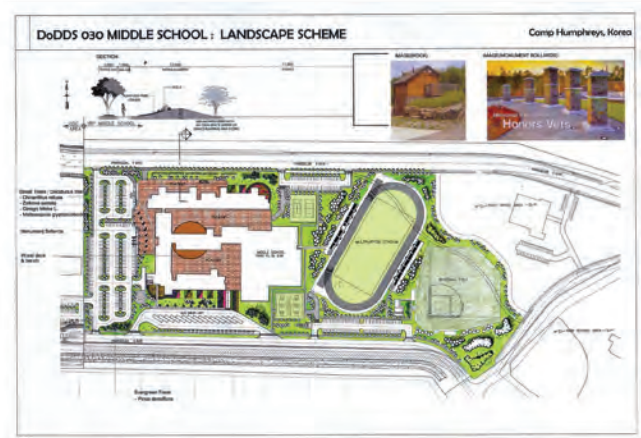
Cost Engineering Branch completed 20 Independent Government Estimates for MCA, OMA, ROKFC, and IDIQ projects peninsula wide totaling \$112 million. In addition to IGEs, the branch completed 94 IGEs for Job Order Contracts totaling \$38 million and 61 contract modifications. The branch conducted 8 VE studies for various MILCON projects resulting in anticipated cost savings of \$2.25 million.

## Design Branch:

Design Branch, architects, engineers, engineering technicians, specifications writers and administrative assistants continue to provide design services with improved design quality and prepare quality contract solicitation packages for timely and accurate bid packages. Of particular significance are the following design projects:

### A09Y903 Elementary School & Middle School (EDIS), USAG Humphreys

Design Branch has successfully executed the Criteria Package for the \$133.3 million DoDDs school project in accordance with the Guide for Preparation of Criteria Packages, YRP Projects. This project consists of an elementary school, a middle school and Early Development and Intervention Services. The project is to construct a new Elementary School for K-5 for 876 students, a new Middle School for 1,100 students, multi-sports fields and a new EDIS Clinic in support of the relocation of USAG Yongsan and the increase in population associated with the re-stationing of 2nd Infantry Division from the Area 1. The schools and EDIS Clinic are needed to adequately meet the Base's family educational and support requirements within Humphreys Garrison. The design team members exerted tremendous efforts in the design of the project to meet the project's aggressive design schedule and closely coordinated with K-C PMC. This is a highly visible project that needed to be completed to meet the schedule the Command Leadership required.



DoDDs Middle School, USAG Humphreys

### CY12 ROKFC-in-Kind, Physical Fitness Facility, USAG Humphreys

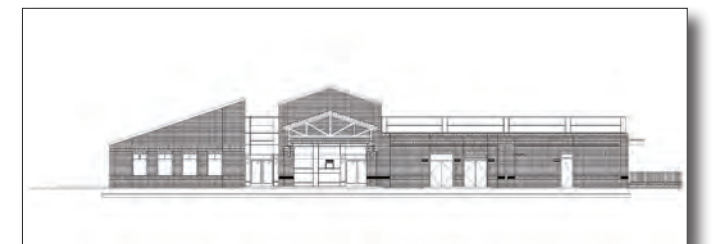
Design Branch has successfully completed on time the Standard Physical Fitness Facility (PFF) design as the part of CY12 ROKFC-in-Kind PNA12R266, HBCT Barracks, UEH070, Humphreys, Korea. The design team members worked diligently in the design of the project to meet the project's aggressive design schedule. This was especially true because an earlier completion of the standard design was critically required to support other concurrent YRP projects that utilize the standard PFF. The HBCT Barracks project provided the site adapt design of the Branch's 302PN EUPH Barracks and the PFF. The Physical Fitness Facility (44,347 square feet gross floor area) was designed in accordance with the Technical Criteria for U.S. Army Physical Fitness Facilities, and consists of fitness areas, a gymnasium, two racquetball courts, aerobics room, climbing walls, combative training mats, locker rooms, saunas, showers, administrative spaces, laundry, lobby, and circulation and support spaces.



Physical Fitness Facility, USAG Humphreys

### FY12 MCA, PN76235 Barracks & 500PN Dining Facility, Camp Henry

The Design Branch developed a new 10-story 298PN one+one E Unaccompanied Enlisted Personnel Housing and a new 500PN Enlisted Personnel Dining Facility at Camp Henry, Korea. The initial scope of work was to site adapt an eight-story 302PN one+one E Standard Barracks and a 1300PN Standard EPDF design. However, the project site was too small to accommodate the facilities. The design team had to create a new 10 story UEPH with a more compact footprint, and later during the design, the scope of work for the EPDF was reduced to a 500 PN facility. When the construction of the facilities is completed, the EPDF will be a center of activity in the barracks area, and at the same time, will become a focal point of the soldier's community life as a gathering place. These two buildings will be visible immediately upon entering Camp Henry's main gate and will serve as an important landmark at Camp Henry.



500PN Dining Facility, Camp Henry

### CY11 ROKFC-in-Kind, PN A10R200, EUSA Barracks and 2-DFACs, USAG Humphreys

The Design Branch successfully completed the design of the 1300PN Dining Facility as part of the CY11 ROKFC-in-Kind PN A10R200, EUSA Barracks and two-Dining Facilities, USAG Humphreys project. The 1300PN Dining Facility is a one-story enlisted personnel dining facility that meets the latest Army dining facility criteria and Energy Policy



Act 2005 requirements per prescriptive technology solution sets developed by the USACE Engineer Research and Development Center. The DFAC design was significant because it became a standard design that will be applied to other YRP projects. The EUSA Barracks and two-DFACs design also provided the site adapt of the branch's eight-story 302PN one+one E Standard Barracks and two 1300PN Standard Dining Facilities.



EUSA Barracks and 2-DFAC, USAG Humphreys

## Engineering Services Branch:

The AE Contract Support Section has provided a substantial contribution to the continued operation and growth of the organization as increasing number of design contracts related to the Korea Relocation programs were negotiated and awarded in this FY. By working closely with Project Managers, Design Managers and other stakeholders, the four-person team consisting of a section chief, two negotiators and a contract specialist has been able to overcome all challenges and accomplish organizational missions. Their dedication and professionalism have played a vital role in awarding design contracts on time, especially toward the fiscal year end as more year-end-sensitive project requests were received from various customers. By this fiscal year end, 220 contract actions with the total contract award amount over \$47 million were negotiated and awarded. The Section has also trained one local intern employee in AE contract negotiation by mentoring him under experienced negotiators and giving him actual negotiation projects. The Program Team consisting of three outstanding program analysts has also provided exceptional services for the Engineering Division in accomplishing all financial services including Initial Budget/Mid-year Budget submissions, travel certifications, training management, awards processing and Corps of Engineers Financial Management System transactions. By working and communicating closely with all members of the division, the team has been able to manage over \$28 million worth of the division budget in this fiscal year.

## Geotechnical and Environmental Engineering Branch:

The Branch was fully committed in FY11 to support the District's military design and construction mission, contingency readiness, and to provide engineering products and services to IMCOM-K, U.S. Forces Korea, 8th Army, and POD Districts within areas of expertise. All four Branch Sections (Geotechnical, Environmental, Water Well Services, and Data Management Section) contributed significantly to successful project completion and customer support during the year. In FY11, the Branch completed a total of 301 geotechnical, environmental, water well, geospatial, and laboratory testing projects, with a final balanced operating budget of \$8.3 million. Mission tasks were accomplished by a team of highly talented in-house professionals, skilled technicians, and dedicated administrative staff, supported by multiple IDIQ contracts and reach-back support within USACE. The Branch maintained certifications for the in-house Materials Testing Laboratory and Environmental Laboratory (asbestos and chemical analyses) through successful external audits/inspections by Stateside laboratory certifying organizations and involvement in proficiency analytical testing programs.

The largest proportion of Branch efforts was focused on the Korea Relocation Program, to include land development and facility design and construction at Humphreys Garrison. The Geotechnical Section completed numerous challenging investigations and foundation designs at Humphreys for projects such as CY12 ROKFC In-Kind and CY09 YRP Vehicle Maintenance Facilities, CY12 ROKFC In-Kind NCO Academy and Transient Barracks, and the Medical Campus structures. The Section conducted quality assurance and construction surveillance activities during land development at Humphreys, testing fill materials, surveying to verify final grades and to establish property boundaries,

and validating completion of ground settlement prior to facility construction. Other geotechnical projects of note include involvement in the Osan Air Base Runway repair/replacement study, seismic and scour bridge assessments at Air Force installations, correcting basement water leaks within Command Center Seoul, landslide evaluation and slope stabilization requirements for Okinawa Area Office, expedited evaluation of landslide and flood damage at Area IV installations, and concept designs for rock reinforcement and drainage protection within Command Post Tango.

The Environmental Section played a key role in new construction to ensure that any significant ground contamination or hazardous materials on site, such as asbestos, would be adequately investigated during design and subsequently mitigated during construction. Section involvement in design projects such as for the new Humphreys Medical Campus site has been an important component in achieving complete and useable facilities. The Section has been a main participant in the investigation into allegations of Agent Orange burial at Camp Carroll, providing expert field, laboratory, and analytical support for an issue of the highest command interest. Other noteworthy projects completed by the Section include the evaluation of wastewater system leaks at Camp Market, preparation of Asbestos Management and Operating Plans for the 607th MMS, tightness testing for underground fuel storage tanks in Area IV, the conduct of environmental site investigations at multiple USFK installations, and the delivery of annual health, safety, and environmental training to District employees and other organizations.



Explaining USACE soil sampling procedures to ROK during Agent Orange investigation



Geotechnical drilling for new facility construction in USAG Humphreys

The Water Well Services Section provided highly professional and timely service to USFK for the maintenance and development of essential groundwater resources on the military installations. During FY11, the Section conducted preventative and emergency maintenance on a total of 137 wells on 28 different Army, Air Force, and Navy installations, providing approximately 5.5 million gallons of water per day for basic installation use. The Section abandoned water wells at Camp Long and Camp Eagle, per required environmental standards, as part of on-going base closure. Section staff also applied their drilling and sampling expertise to support various geotechnical and environmental site investigations.

The Data Management Section supported the Branch, District, and other organizations by providing expert geospatial data analyses and products, sharing geospatial data, promoting required database standards, and managing the District Geographic Information System. The Section collected and prepared range data in a GIS format for the Training Support Command, and likewise collected and prepared environmental data in a GIS format for the Area II DPW and 51st CES at Osan AB. The Section shared geospatial data with 51st CES (GeoBase), NAVFAC Far East, and 19th ESC, and will resume data sharing with the Army as soon as IMCOM-K reconstitutes their GIS program. The Section provided quality assurance oversight of the Branch Materials Testing and Environmental Laboratories, and continued to develop and maintain Branch project databases which earned a Best Practice evaluation from the FY11 external ISO 9001 District audit.



# Korea Relocation Technical Support Branch:

In 2011 Korea Relocation Technical Support Branch has been immersed in all YRP/LPP projects as well as MILCON, other host nation funded, and in-kind projects in USAG Humphreys. The KRTSB team consists of design managers, Engineering support assistants, program analyst, engineering technician and a branch chief. During FY11 the KRTSB team has played critical roles in the successful completion of 15 the criteria package with an Estimated Construction Cost of \$801.64 million, 100 percent completion of design for 17 projects with an estimateed construction cost of \$1.94 billion and also for the Levee Evaluation Survey. Criteria package for the first vertical project, Elementary and High school, was also completed this year and local AE completed the 100 percent design for the project.

Eighteen design managers at KRTSB provided professional expertise in coordinating review comments, negotiating with host communities on infrastructures, assists Project Managers in coordinating with MURO for any infrastructure requirements with local communities, manage the Design Charrette, assists PM in coordinating with the Design Team, coordinate approval of all design review comments, coordinate recommendation for approval of all Value Engineering proposals with the ROK and U.S. DCAs, recommend the measures to minimize the ECC and maximize utilization of local materials, participates in review and approval of local materials and Coordination with Design Team Members, MURO for all technical matters in executing all projects design. KRTSB is also supervising the Leadership in Energy and Environmental Design implementation and advise the AEs on the LEED documentation efforts.

KRTSB held several workshops where professionals from FED and local suppliers met to discuss the opportunity to maximize the use of local materials. List of approved local materials has been developed as a direct result of these workshops. KRTSB also spearheaded the effort to develop a CP guide to standardize the CP production that will help the local companies to develop the design from 30 percent to 100 percent as required for some projects.

In addition to the preparation of the Criteria Package KRTSB has also performed tasks regarding special projects under YRP/LPP where FED is responsible for 100 percent design and design managers are responsible to award Detail Design and Construction Award, Assists PM and AE negotiator in AE contract, interacts with the Design Team of MURO, and assists PMO and FED or MURO for awarding Construction contracts and assists PMC to perform reviews and coordinates the design of special projects for approval of the final design by US and ROK DCAs. The first special project, Hospital and Ambulatory Care Center and Dental Clinic is near completion of the design. The Yongsan Relocation Program is in full gear and KRTSB is anticipating heavier workload in FY12 with estimated \$950 million of preparing Criteria Package and \$900 million of Engineering Surveillance for ROK AE design work.

# Technical Review Branch:

In FY11 the Technical Review Branch, staffed with 20 highly skilled technical architects and engineers and a support assistant, has performed quality assurance technical reviews of over 250 YRP, ROKFC-in-Kind, and MCA project design submittals. Throughout the year, the Branch was involved with several important forums and workshops such as the Local Construction Materials Conferences, local AE training workshop, LEED workshop, SOFA AE design quality workshop, and Ministry of National Defense Defense Installation Agency Host Nation Funded Project Workshop.

The Tech Review Branch and MURO successfully hosted Local Construction Materials Conferences on November 2010 and July 2011. Over 300 Korean manufacturers interested in localization of construction materials participated in these conferences. These conferences provided a forum where manufacturers could exchange and share information and be encouraged to use local construction materials for U.S. military construction on the Korean peninsula. The branch briefed construction manufacturers, MURO, Project Management Consortium and ROK MND on Far East District’s role in executing the program. The program will reduce construction cost, procurement time of construction materials and enhance operation and maintenance.

In an effort to improve the quality of design, Tech Review Branch initiated and supported SOFA AE workshop, March 2011, local AE training workshop in May 2011, and DIA Host Nation Funded project workshop in December 2010. During these workshops, quality management, responsibility of designers, technical reviews, independent technical

reviews, quality control/quality assurance issues were emphasized and discussed to avoid design errors and omissions. In addition, Technical Review Branch worked with the Project Management Consortium and Korea Relocation Technical Support Branch to update and revise the May 2009 Criteria Packages Preparation Guide.

Another noteworthy initiation was the LEED Implementation workshop with the SOFA AEs, FED in-house design, USAG Humphreys DPW, IMCOM, and PMC held in April and September 2011. LEED credit documentation and how LEED documentation should be coordinated between design and construction teams were discussed to help designers and execution of construction. The detailed methodologies in implementing LEED credits were discussed and clarified ongoing issues.

To better serve and execute these projects, staff organization was restructured and broken down to two sections: Technical Review Section and the Design Management Section. Technical Review Section conducts technical reviews on all FED projects and provides technical assistance during design and construction and Design Management Section manages all Non- Yongsan Relocation Projects. During this year two fire projection engineers, first ever in FED were hired to meet growing needs of fire protection assistance. Fire protection review normally conducted by the Regional Technical Center will now be performed in FED.

# Contracting Division



# Contracts Branch:

## FY11 MCA, PN 51740, Health and Dental Clinic, Camp Carroll, USAG Daegu

This project was awarded on August 26, 2011 in the amount of \$9.8 million. The purpose of this project is to construct a new Health/Dental Clinic to be built at Camp Carroll, U.S. Army Garrison Daegu, Korea. This facility shall include a Troop Medical Clinic and a Dental Clinic. The Troop Medical Clinic shall include a civilian employee health preventative medicine facilities, after hours walk-in care facilities, and ancillary services. Ancillary services shall include radiology, laboratory, pharmacy, and other support facilities. These services shall also support the dental facilities. In addition to this primary facility, existing tennis courts and site features will be removed. Existing roads around the site will be realigned. An existing water main and new gas distribution main will be relocated and an existing box culvert will be lengthened and realigned. General site improvements include roads, sidewalks, utilities, and services to support the new facility. In addition two buildings, S-263 the existing Troop Medical Clinic (11,000 square feet), and S-137 the existing Dental Clinic (2,800 square feet) will be demolished and their sites will be left clean.

## CY06 ROKFC, PN A06R933, DoDD School, Bldg S-2409, USAG Casey

The project consists of converting the existing four-story barracks, S-2409, to a school classroom building to provide adequate classroom space for DoDD school use. Was awarded on January 28, 2011 in the amount of \$4.6 million to build DoDD School, Bldg S-2409, USAG Casey, Korea. Building conversion work will be done by repair and replacement of all deteriorated floors, walls, ceilings, HVAC system, plumbing, lighting, electrical wiring, information systems, roof, doors, windows and structural members as required. This school building will include 11 general purpose classrooms, five special purpose classrooms, three teacher workrooms, one pre-kindergarten/sure start classroom, one multipurpose computer lab, one information center, special project area, admin area, kitchen, and cafeteria. Ancillary spaces within the building will include toilets, mechanical room, electrical room, communication rooms, one elevator, and interior main stairs. The building will be handicapped accessible.



# Purchase Branch:

In addition to architecture and engineering contracts with three SOFA AE firms, Purchase Branch has supported the execution of two new types of Services Contracts, Enhanced Commissioning Services and Construction Security Services for K-16 Airbase Military Construction Project.

## Enhanced Commissioning Services

The Enhanced Commissioning Services as prescribed by the U.S. Green Building Council to meet Energy and Atmosphere pre requisite 1 Fundamental Commissioning and earn a point on Credit 3 Enhanced Commissioning during the design, construction, and initial post-occupancy phases of project delivery for the Far East District of the U.S. Army Corps of Engineers. The contractor that it was awarded to was Hammi C&E. The contractor and contracting officer signed to contract on August 9, 2011, with a period of performance beginning on August 9, 2011, ending on August 8, 2012. The Base year is valued at W300 million. This requirement will have four one-year options. Each of these options are valued at W300 million per year. The options years will beginning August 9, 2012, and end August 8, 2016. Total Capacity including Options of this project is W1,500 million The second of two contracts that was awarded to local contractor Youone MEC. There award date was also 9 August 2011. The performance period for the Basic Year began on August 9, 2011, thru August 8, 2011. Once this commences there will be four one-year options (August 9, 2012 through August 8, 2016) available. Each year is valued at W300 million per year. Total Capacity including Options of this project is W1,500 million.

## Construction Security Services for K-16 Airbase Military Construction Project

For the next 18 months we have a contract with The Louis Berger Group, Inc to providing Site Security Service (SSS) and equipments required to perform construction site security in support of a Military Construction project located in Korea at K16 (Seong Nam) Airbase, South Korea for the Defense Intelligence Agency. On September 27, 2011 we signed an agreement to perform services. The agreement is in the amount of \$5. 88 million.

## Geophysical Characterization Survey, Area D and LandFarm, Camp Carroll

This contract is to identify whether 55 gallon metal drums are buried in the vicinity of Helipad Area, Area D, Land-Farm, Phase I, II, and IIB Area, Camp Carroll. The project is titled Geophysical Characterization Survey, Area D and LandFarm, Camp Carroll, Korea for a four-month duration. If any buried substances are identified, then define the vertical and horizontal limits of the buried material by using geophysical methods. The objective shall be achieved accurately locating and recording the location of geophysical anomalies recorded along surveyed transects using ground penetrating radar and direct current electrical resistivity methods. An award was made on May 26, 2011 for \$332,350 to Beautiful Environmental Construction Co., Ltd.

## CY11 ROKFC-in-Kind, PN A11R602, VMF090, HBCT VMF I, USAG Humphreys

Design of construct two standard designs Medium Tactical Equipment Maintenance Facility Complex, with eight bay vehicle maintenance facility that is 35,290 square feet each, a five Company Operations facility that is standard design

in accordance with UFC 4-140-02 at Humphreys. On October 26, 2011, a contract was awarded with MMI. Period of performance is as follows: “The contract will be closed when the construction project is over.” This contract has a contract value of \$1.5 million.

## CY12 ROKFC-in-Kind, PN A12R263, TNO020, NCO Academy and Transient

Design a Non-Commissioned Officer Academy general instruction building, Simulations Center, transient unaccompanied personnel housing, dining facility and vehicle parking at Humphreys. On November 15, 2011, the government and TJD entered into a contract valued at \$6.25 million for the above mentioned services. Period of performance is as follows: “The contract will be closed when the construction project is over.”

## CY12 ROKFC-in-Kind, A12R477, Soldier Troop Area Support, USAG Humphreys

Design for construction of Soldier Troop Area Support including two Chapels, Auditorium, Post Office Branch, Community Activity Center, Post Exchange Branch, and Multi Purpose Athletic Fields at Humphreys with local company TJD. The contract was awarded on April 20, 2011, and valued at \$2.58 million. Period of performance is as follows: “The contract will be closed when the construction project is over.”

# Relocation Branch:

Relocation Branch assisted U.S. Forces Korea in the establishment of the proposed joint task order requirements: reviewed the statements of work in close coordination with U.S. and MURO project managers involved in and USFK end-users through discussions, refinement, and verification processes; reviewed the K-C PMC’s technical-cost proposals for establishment of the U.S. Government’s objectives in consultation with MURO , U.S. project managers and USFK end-users; established the government’s objectives for each task order in close coordination with technical engineers, MURO project managers and COR/ACOR, and USFK end-users; and negotiated and documented results of all negotiations for each task order.

The following Joint Task Orders under PMC Contract #07-D-0012, Program Management Services for Relocation of USFK Installation were awarded: JTO 0019 – CY 2011 Program Management Services and JTO 0020 – CY 2011 C4I Program Management Services.

Two Award Fee Evaluations on the PMC Contract #07-D-0012, Program Management Services for Relocation of USFK Installation performed: Period 6 (July 1, 2010 – December 31, 2010) Award Fee Evaluation for five task orders and Period 7 (January 1, 2011 – June 30, 2011) Award Fee Evaluation for seven task orders.

Coordinated with DCAA outstanding post-award accounting system audits and had periodic discussion meetings with DCAA auditors for updated status.



# Resource Management



As the District expanded in resources both in manning and budget, the financial team continued to ensure that no fiscal violation or over obligation was reported, submitted upward reports within established time frames 100 percent of the time, and validated all purchase requests to ensure propriety and legality of funds cited.

We provided timely and accurate information to the Commander and District staff elements regarding Chief Financial Officer monthly and quarterly status. We reviewed, analyzed, interpreted, and presented status and maintained emphasis on all CFO changes to ensure compliance. As a result, the District reported accurate CFO account status and timely corrective actions to ensure monthly compliance. RM monitored and reported GREEN ratings for the CFO Act status as of September 30, 2011, i.e., Payroll, Labor Cost Transfer Support and Approval, Property, Plant and Equipment, ULOs Dormant for 240 days and Accounts Payable.

During the year, we accepted \$312 million for project execution from the following sources: \$48 million Direct Funds (\$43 million were for MILCON projects) and \$264 million Reimbursable Funds (\$150 million were for Host Nation projects). We monitored and guided the District to meet our CCG overhead account balances by closely monitoring our CDO and G&A rates of 42 percent and 22 percent respectively. DAC Effective rate was 220 and Korean effective rate was 140 and Korean National Payroll rate adjusted on February 15, 2011 from 1350 won/\$1 to 1150 won/\$1 respectively and Local rate from 1050 won/\$1 to 1020 won/\$1 adjusted on July 28, 2011. The direct/indirect labor charging for FY11 Budget 87.2 percent /12.8 percent and actual 86.4 percent/13.6 percent was one of the highest direct labor charges throughout the region and the S&A Flat Rate report Income/Expenses for the month ended September 2011 was a net positive more income and expenditures by \$2.3million.

On the budgetary side, we participated in the development of two balanced FY11 Initial and Mid Year budgets with a workload and income of \$860 million/\$78.4 million and \$677 million/\$73.3 million respectively. The net result of our budgetary process was an actual workload and income of \$603 million / \$61 million respectively. The actual workload and income comprised of \$455 million of construction placement, \$87 million of AE and other contract, and \$61 million of in-house S&A and P&D cost. In addition, the undistributed balance or net results of operations ended the year with \$124.3,000 which was within the CCG nominal range of +/- \$234,000 or a green rating.

For our fund control process, during the ULO phase I, II, and III reviews, the district reviewed \$1,624,260,537.58, \$1,595,266,285.67, \$1,578,468,796.15 balances respectively. In all three phases, RM reviewed and adjusted roughly \$11,596,497.00 of the total balance of \$4,797,995,619.40 or 0.24 percent of the total balances reviewed, i.e. ULO – Total items reviewed = 15,326 valued at \$4,798 million; Cancelling Appropriations items reviewed = 150 valued at \$6.6 million; Inactive items = 1,022 valued at \$1,686.5 million; Less than \$100 and 90 days and older items = 305 valued at \$14.7,000; Inter-agency items = 455 valued at \$516.5 million; Expired items = 2,623 valued at \$149.8million; Other items = 10,771 valued at \$2,938.6 million; Adjusted items = 3,616 valued at \$13.8million.

The financial numbers for the operational functions reflected Contracts paid = 5,097 valued at \$474.3 million; TDY Vouchers (including Local Vouchers) processed = 2,854 valued at \$1.5 million; PCS Vouchers processed = 674 valued at \$1.3 million; SF182s processed = 280 valued at \$229.6,000; and SF1164s processed = 138 valued at \$43.9,000.

In addition, we continue to serve as subject area expert for USACE regarding Republic of Korea Funded Construction Limited Depositary Account, and foreign issues. We responded to 175th FMC, USFK, and OSD regarding the Corps of Engineers' LDA for Burden and Relocation funds management and rationale for not implementing the Department of Treasury System for foreign currency disbursements by obtaining POD, USACE Finance Center, and HQUSACE concurrence on the appropriateness of our funds control and business processes for ROKFC and LDA to ensure that our accounting processes are within generally accepted accounting principles and in accordance with Burden Sharing & Relocation statutes / 10 USC 2350j / 10 USC 2350k.

Resource Management Individual Award for Resource Management and 2010 Association of the U.S. Army Regional Civilian of the Year Award respectively. These awards served as a testimony to both individual's dedication and professionalism.

Resource Management

# Security, Plans and Operations



Today, more than 25,000 American Servicemenbers, Department of Defense employees and contract personnel who work side-by-side with our Korean Allies. This engagement has demonstrated a sincere commitment to the Alliance for more than 60 years through 2011 and will continue through the 21st century and beyond. As a direct result of this strong Republic of Korea and United States Alliance both counties will continue on the path of change and transformation. The District's role and reputation in supporting this transformation process; as well as our ability to provide professional master planning, superior engineer designs and outstanding quality construction; are well known throughout Korea and the Pacific. While Far East District's reputation to produce quality facilities and infrastructure may be well known our continued collaboration with Combined Forces Command, U.S. Forces Korea and our ROK partners, the District "fight tonight" supporting role and capabilities, are not front page news. Throughout the District's history and through 2011 FED has planned for, prepared for, and responded to national, regional and world-wide requirements for contract construction and technical engineer support during contingency exercises and operations.

## District Readiness Program:

Throughout 2011 the FED continued to support USFK achieve its theater mission of maintaining armistice, deterring aggression and remaining ready to fight and win while simultaneously supporting our U.S. Army Corps of Engineers family respond to other world-wide threats. FED's readiness program is designed to demonstrate USACE's reliability, responsiveness, and relevance by providing an agile and proactive Contract Construction Agent technical engineer services and Field Force Engineering capability. This capability is built around the ability to deploy within KTO in support of USFK and outside of the KTO in support of the Pacific Ocean Division's response to regional contingency operations and USACE world wide events. FED is one of the very few district's capable of providing contingency contract construction and technical engineering support across the full spectrum of war and civil disaster operations.

## Emergency/Mission Essential Civilian Readiness:

Emergency Essential Civilians are Department of the Army civilian employees who remain in-country to support U.S. forces in the event of an emergency or hostilities. Mission Essential Civilians are Korean National employees serving USFK forces as part of the Korean Wartime Host Support program. These KN employees remain with organizations that support contingency operations. Both types of employees play an important role in supporting District's contingency mission in support of USFK. It is USACE and the District's responsibility to ensure that these great volunteers and patriots receive the best equipment, medical screenings and training as prescribed in appropriate DoD, DA and USFK regulations. FY11 was no exception and we raised the readiness bar higher then ever ensuring we trained to standard.

During individual training, team training and JSC exercises (such as Key Resolve and Ulchi Freedom Guardian) District EE/ME civilians donned their Army Combat Uniforms and stood shoulder-to-shoulder with their active-duty and military reserve component counterparts. Even those employees that could not participate in this year's exercises were required to receive annual individual readiness training. Designating civilian employees as emergency or mission essential emphasized the Total Force nature of the District contingency mission during 2011 and recognized the fact that civilians are critical members of the DoD, DA, USACE and FED team.

Individual Training Readiness: All EE/ME civilians fall under the same rules as their military counterparts. Before deploying or being designated EE/ME, they must meet similar physical qualifications, obtain equipment and receive appropriate training. USFK requires that all EE/ME civilians are processed; receive a theatre specific orientation; and receive training on first aid, soldier field survival and NBC tasks. The training objective is to ensure that all employees have mastered the skills identified as survival tasks.

During the year the District enlisted the support of Korean Service Company to train our ME personnel in their native language. U.S. Army standards. The District Commander was extremely impressed with their training and was able to present each with a District coin for their professional support. Our great District Noncommissioned Officers provide training to the EE personnel in a like manner.

Security, Plans and Operations



