**From the Far East District Commander**

**To Our Valued Customers and Stakeholders:**

This annual Year-in-Review is provided to you, our partners and stakeholders, to show the many significant projects that have either begun, continued or were completed during 2013.

This was an incredibly productive year for the district and 2014 is shaping up to be even more so. As of early this year, about 35 percent of the Yongsan Relocation Plan and 50 percent of the Land Partnership Plan is complete. This is part of a $15 billion program over nearly a decade of work.

For Fiscal Year 2013 alone, our Contracting Division awarded a total of 860 actions totaling $372.3 million. We awarded the last action, an $11.5 million contract modification at 9 p.m. on September 30 the last day of the fiscal year.

Throughout the Peninsula our team of dedicated professionals has continued to Build Strong and meet the construction and engineering needs of United States Forces Korea.

A look at the active project list shows the scope of the work the district is responsible for, from a large number of U.S. military projects at U.S. Army Garrison Humphreys and Kunsan and Osan Air Bases to a small number of U.S. military projects at U.S. Army Garrison Yongsan area, there is still work to be done to maintain facilities until the move is completed. One barracks upgrade was completed in November 2013, providing energy-efficient heating, ventilation and air conditioning units and various other safety and quality-of-life items.

As planned, the vast majority of our projects this year have been in Area III, primarily at U.S. Army Garrison Humphreys in support of the Yongsan Relocation and Land Partnership Plans. It was a big year for the base, with many groundbreakings and ribbon cuttings. Two major projects were the garrison middle and high schools, which opened in 2013. By summer 2014 we expect to have about 16,000 construction workers on projects at the base. About 40 percent of the work there has been complete, and that percentage will greatly increase throughout the coming year.

At Osan Air Base work continued on the runway expansion, which is expected to be completed in late 2014. The district also did repair work on the main runway in September and early October 2013. Two dormitories are under construction and another two were completed in 2013.

In Area IV, the southernmost section of the peninsula, work began on the U.S. Naval Forces Korea headquarters at Busan; various facilities at U.S. Army Garrison Daegu, and other facilities in such locations as Camp Mujuk and Fleet Activities Chinhae.

Our dedicated U.S. and Korean personnel will not have time to rest on their successes for 2013, as our workload is only growing over the next year. We remain committed to supporting U.S. Forces Korea through the coming challenges and future opportunities, both on and off the peninsula.

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**YEAR-in-REVIEW 2013**

<table>
<thead>
<tr>
<th>Project List</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 Active Project List</td>
<td></td>
</tr>
<tr>
<td>14 Area I Projects</td>
<td></td>
</tr>
<tr>
<td>16 Area II Projects</td>
<td></td>
</tr>
<tr>
<td>18 Humphreys Projects</td>
<td></td>
</tr>
<tr>
<td>38 Korea Relocation Projects</td>
<td></td>
</tr>
<tr>
<td>40 Osan Air Base Projects</td>
<td></td>
</tr>
<tr>
<td>44 Area IV Projects</td>
<td></td>
</tr>
<tr>
<td>46 Chinhae &amp; Mujuk Projects</td>
<td></td>
</tr>
<tr>
<td>48 Kunsan Projects</td>
<td></td>
</tr>
</tbody>
</table>

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

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Check out the Far East District web site at www.pof.usace.army.mil
Total Program
$10.7 Billion total value

LDUI 60%  YRP 35%  LPP 51%

Projects Turned Over
133 remaining

KORCOM Operations Center
Construction start: June 2013
Expected Completion Date: Late 2015
Scope of project: Construct Korea Command Operations Center to support overall Korea Command and United Nations Command headquarters. Will support the Armistice monitoring mission and Crisis Action Team response during peacetime and crisis operations. It will support Secure Facility activities. Joint staff and various Component commands with operational, administrative and support space. Current activity is site work.

Hospital and Ambulatory Care Center
Construction start: Nov. 2012
Expected Completion Date: Early 2016
Scope of project: The completed medical campus will be able to support 66,000 eligible beneficiaries and 5,000 annual inpatient admissions. It will also house the 65th Medical Brigade headquarters. Construction is about 13 percent complete.

Vehicle Maintenance Facility
070A/B
Completed project turned over to Garrison
Scope of project: Construct standard design Tactical Equipment Maintenance Facilities for company/battalion operations, including vehicle parking, POL storage, office space, supply and parts storage, oil/water separators, maintenance bays and security/mass notification systems. 070 A/B are 100 percent complete.

Child Development Center
Expected Completion Date: Mid 2014
Scope of project: The new Morale, Welfare and Recreation Child Development Center is about 48 percent complete. Recent work included ceiling finish work.

Vehicle Maintenance Facility
060
Construction start: Nov. 2012
Expected Completion Date: Early 2016
Scope of projects: Construct standard design Tactical Equipment Maintenance Facilities for company/battalion operations, including vehicle parking, POL storage, office space, supply and parts storage, oil/water separators, maintenance bays and security/mass notification systems. Several VMF’s are completed and others in various stages of completion. 060 is about 12 percent complete.

Small Unit Training Area
Construction start: Early 2014
Expected Completion Date: Spring 2015
Scope of project: The training area will consist of a standard-design obstacle course with a maneuver and training area for light forces. Awaiting site release in April 2014.

Total
40%

Los Angeles International Airport is 103 acres smaller

3,528
New total acreage

655 buildings in construction
The number of buildings being demolished is 339

The original square footage of
space at U.S. Army Garrison
Humphreys was 4 million.
Once construction is complete, this volume will rise to
2 million square feet.

Approximate number of workers
on site by July 2015: 16,000
<table>
<thead>
<tr>
<th>Location</th>
<th>Program</th>
<th>Project Name</th>
<th>Phase</th>
<th>Design</th>
<th>Construction</th>
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<td>2017</td>
<td>Aircraft Parts Distribution Center</td>
<td>Design</td>
<td>15</td>
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<td>Osan Air Base</td>
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<td>Military Working Dog Kennel Facility</td>
<td>Design</td>
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<td>Busan</td>
<td>2014</td>
<td>Repair Joint Rigging Facility</td>
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<td>Seosan</td>
<td>2017</td>
<td>Upgrade Water Distribution System</td>
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<td>2017</td>
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<td>Design</td>
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<tr>
<td>Daegu Air Base</td>
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<td>Large Aircraft Apron</td>
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<td>Survey/Study Traing Fac Ph V</td>
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<td>Yongsan</td>
<td>2014</td>
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<td>Design</td>
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<td>2009</td>
<td>Fleet and Family Town Center</td>
<td>Construction</td>
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<td></td>
</tr>
<tr>
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<td>2012</td>
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<tr>
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<td>2011</td>
<td>CAP 051740 Troop Medical/Dental</td>
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<td>CAP 072630 Barracks and Vehicle</td>
<td>Construction</td>
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<td>2012</td>
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<td>Construction</td>
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<td>Camp Carroll</td>
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<td>Upgrade Washdruck Bldg 970</td>
<td>Construction</td>
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<td>2013</td>
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<td>2012</td>
<td>CAP 076235 Barracks w/DFAC</td>
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<td>Camp Henry</td>
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<td>2013</td>
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<td>110 PN Navy Barracks</td>
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<td>Water Upgrade (Existing Land) Ph1</td>
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</table>

<p>| Humphreys    | 2009              | Upgrade Power Distribution &amp; Substation          | Construction | 100 74 |              |
| Humphreys    | 2010              | Downtown Area Distribution Node                  | Construction | 100 20 |              |
| Humphreys    | 2008              | Airfield Operation Building                      | Construction | 100 100 |              |
| Humphreys    | 2009              | VMF w/Company Operation (601)                    | Construction | 100 100 |              |
| Humphreys    | 2009              | NCO Academy and Transparent UPH                  | Construction | 100 11 |              |
| Humphreys    | 2010              | Consolidated HBCT Headquarters                    | Construction | 100 92 |              |
| Humphreys    | 2010              | EUSA Barracks and 2-DFACs                        | Construction | 100 99 |              |
| Humphreys    | 2010              | HBCT Barracks and DFAC                           | Construction | 100 78 |              |
| Humphreys    | 2010              | Child Development Center &amp; Playground            | Construction | 100 89 |              |
| Humphreys    | 2010              | Warrior Support ADN                              | Construction | 100 93 |              |
| Humphreys    | 2011              | Type II Aircraft Parking                         | Construction | 100 90 |              |
| Humphreys    | 2011              | HBCT VMFs I                                     | Construction | 100 57 |              |
| Humphreys    | 2011              | Fires Support VMFs II                            | Construction | 100 73 |              |
| Humphreys    | 2012              | Simulation Center                                | Construction | 100 13 |              |
| Humphreys    | 2012              | HBCT Barracks                                   | Construction | 100 52 |              |
| Humphreys    | 2012              | Soldier Troop Area Support                       | Construction | 100 21 |              |
| Humphreys    | 2012              | HBCT VMFs II                                    | Construction | 100 48 |              |
| Humphreys    | 2012              | HBCT VMFs III                                   | Construction | 100 18 |              |
| Humphreys    | 2012              | Wash Facility and Drivers Training Course        | Construction | 100 9  |              |
| Humphreys    | 2013              | 2ID Headquarters                                 | Construction | 100 1  |              |
| Humphreys    | 2013              | Small Unit Training                              | Construction | 100 2  |              |
| Humphreys    | 2013              | HBCT VMFs IV                                    | Construction | 100 4  |              |
| Humphreys    | 2007              | Parcel 2B-1 LDUI                                | Construction | 100 62 |              |
| Humphreys    | 2007              | Parcel 2B-2 LDUI                                | Construction | 100 58 |              |
| Humphreys    | 2007              | Parcel K Land Development                        | Construction | 100 100 |              |
| Humphreys    | 2008              | Phase III Facility                               | Construction | 100 6  |              |
| Humphreys    | 2008              | Eighth Army /IMCOM Headquarters                  | Construction | 100 0  |              |
| Humphreys    | 2008              | C2I/Info System - Outside Plant/CAir Baseling (ROK) | Construction | 100 29 |              |
| Humphreys    | 2008              | Hospital &amp; Ambulatory Care Center                | Construction | 100 13 |              |
| Humphreys    | 2008              | Dental Clinic                                    | Construction | 100 13 |              |
| Humphreys    | 2008              | High School                                      | Construction | 100 100 |              |
| Humphreys    | 2008              | Elementary School                                | Construction | 100 100 |              |
| Humphreys    | 2008              | Hospital Barracks and DFAC                       | Construction | 100 2  |              |
| Humphreys    | 2008              | KORCOM Headquarters - Admin Facilities           | Construction | 100 4  |              |
| Humphreys    | 2009              | Troop Housing &amp; ZS ADN                           | Construction | 100 42 |              |
| Humphreys    | 2009              | EUSA Barracks                                    | Construction | 100 30 |              |
| Humphreys    | 2009              | Zoeller Station SLQs                              | Construction | 100 2  |              |
| Humphreys    | 2009              | Army Family Housing - General Officers           | Construction | 100 0  |              |
| Humphreys    | 2009              | Army Family Housing - O6 &amp; Commanders            | Construction | 100 0  |              |</p>
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Yongpyong Projects

The construction of two drainage improvement projects at Rodriguez Live Fire Complex, Yongpyong, totaling $1,077,000 were started in July 2012. The $413,000 drainage improvement project at Warrior Valley Range was completed in Dec. 2012 and the $664,000 drainage improvement project at the Infantry Platoon Battle Area (IPBA) was completed in Feb. 2013. These drainage improvement projects improved the existing drainage systems by repairing/replaceing and upgrading the existing stream channels. The drainage improvement project at Warrior Valley included installation of a new concrete channel, rip-rap, gabion slope protection and man-proofing structure. The drainage improvement project at IPBA included installation of new gabion channel bank protection along both sides of the existing stream channel.

The construction work for this $313,000 project at Rodriguez Live Fire Complex, Yongpyong, was to provide power and concrete pads for virtual clearance training suites simulator mobile trailer units and common driver trainer simulator mobile trailer units. It was started in Oct. 2012 and was completed in Dec. 2012.

The construction work for this $1,477,000 project at Firing Point 180 in Yongpyong started in Aug. 2012 and was completed in March 2013. This project included installation of eight new concrete pads for the M109 Paladin Howitzer, a gravel paved area for the entire FP180 site and a stone ditch along the entire west side of the FP180 site.

The construction work for this $647,000 Portland Cement Concrete (PCC) parking project at Warrior Valley Range in Rodriguez Live Fire Complex started in Aug. 2012 and was completed in May 2013. This project included a 5,380 square meter PCC paved parking area capable of supporting tracked vehicles, heavy duty guardrails and a drainage system.

The construction of seven projects totaling $4,214,000 to install new facilities at seven ranges on Rodriguez Live Fire Complex, started in July 2012 and Sept. 2012. Two projects were completed in May 2013, two projects were completed in June 2013, two projects were completed in Aug. 2013 and one project was completed in Sept. 2013. These projects installed new facilities at Mortar Firing Point W-4, Warrior Valley Demo Range, Warrior Valley Range, Life Support Area, Arapaho Range, Seminole Range, and Mohawk Range. These projects included some of the following facilities: operations/storage building, range tower, ammo issue point, guard booth, composting toilet and field latrines, septic tank and leaching field.

The construction work for this $71,000 project to repair a gabion wall at Manchu Hill in Rodriguez LFC, Yongpyong, started in Aug. 2013 and was completed in Sept. 2013. This project repaired the existing gabion wall which was failing and sliding down a steep slope.

The construction work for this $387,000 Repair and Upgrade Tank Trail #1 project to provide a new drainage ditch crossing and PCC parking area at Rodriguez Live Fire Complex, Yongpyong, started in May 2013 and was completed in Oct. 2013. This project replaced the existing RCP drainage ditch crossing with a new concrete box culvert capable of supporting a tracked vehicle and upgraded the stream channel by providing a sloped gabion mattress channel bank, riprap channel bottom, gabion wall across the channel opening, gravel access road and upgraded the existing man-proofing structure.

Yawolsan and Kamak-san Projects

The construction work for this $176,000 project to install perimeter fence lights and building exterior lights at Detachment L, Yawolsan, started in April 2012 and was completed in March 2013. This project...
included installation of pole lights along the perimeter fence, building lights at the exterior of buildings and a lighting control system.

The construction work for this $355,000 FY12 site improvement project at Detachment L, Yawolsan, started in Sept. 2012 and was completed in May 2013. This project included much need renovation to the site compound infrastructure and to five buildings. The work included items such as applying waterproofing material on the roof of four buildings, applying window film to all interior windows of three buildings to reduce heat loss, installing new emergency lighting and replacing the existing defective emergency lighting in the Main Operations Building, replace wooden doors with fire rated doors in the Main Operations Building and interior painting and exterior painting of two buildings.

The construction work for this $306,000 FY12 site improvement project at Detachment K, Kamaksan, started in Sept. 2012 and was completed in May 2013. This project included much need renovation to the site compound infrastructure and to eight buildings. The work included items such as applying waterproofing material on the roof of four buildings, applying window film to all interior windows of four buildings to reduce heat loss, replacing the kitchen range hood with a new range hood with an extinguishing system, replacing kitchen cabinets, interior painting of three buildings and exterior painting of eight buildings, five fighting positions, two fuel oil tank concrete enclosures, ammo bunker and bunker.

**AREA II PROJECTS**

**FY10 Army DIA MILCON, Warehouse Renovation**

The Military Construction-Defense Installation Agency Warehouse renovation project was awarded on April 2012 and completed in Oct. 2013 at a cost of $4.7 million. This project converted two existing warehouse spaces at K-16 to provide new office space for Forward Operating Base-Korea (FOB-K) from U.S. Army Garrison Yongsan. It will provide all supporting facilities including fence enclosure with access controlled gates, landscaping and site development to accommodate the renovation including parking for 40 government owned vehicles and eight privately owned vehicles to support FOB-K’s future operation.

**ROKFC, Rock Slope Stabilization Portal A**

A rock fall occurred above Portal A in April 2013 and imposed threat to safe passage for troops entering and existing Command Post Tango. This project removed rock debris and damaged rock drapery system which pose overhead falling hazards for the CP Tango occupants and installed of the new rock drapery system. This project was awarded on Aug. 2013 and completed in Dec. 2013 at a cost of $350,000.

**OMA, MRI Trailer Installation**

This project was a part of Job Order Contract Delivery Orders which was awarded at a cost of $360,000 to Seong Bo Construction on March 15, 2013 and completed on Dec. 2, 2013. The purpose of this construction was to construct a MRI trailer site. The site was located on the south west side of the Brian Allgood Army Community Hospital. This project included new concrete pad, retaining wall, electrical and mechanical work, new walls and ceilings for the vestibule area including fire protection such as sprinklers. The newly placed MRI trailer gives the Brian Allgood Army Community Hospital an expanded capability to better serve the members of the USAG Yongsan.

**OMA, Barracks Building 1525 & 1526**

This project was awarded to Kumsung Construction on Sept. 28, 2012, with a scheduled completion date of March 23, 2014. This $3.5 million project will provide newly renovated barracks for the soldiers stationed in USAG Yongsan. The renovation included two three-story barracks which consisted of installing energy efficient Heating, Ventilation, and Air Conditioning (HVAC) units, new domestic hot and cold water pipes, floor tiles, wall tiles, ceiling tiles, lighting fixtures, fire protection system such as heat detectors and smoke detectors as well as fire rated doors. The construction was split into two phases where bldg. 1526 was completed on Nov. 17, 2013 and building 1525 which is scheduled to complete on March 23, 2014.
The Communication Center Project that was awarded on July 24, 2013 to GS Consortium commands a construction cost of $170,951,000, which is scheduled to be completed on Dec. 16, 2015 at U.S. Army Garrison Humphreys.

This facility is essential to provide the needed communications systems and infrastructure support for the relocation of many critical facilities.

The Communications Center is a multi-story building. The building is divided into three main components. There is a protected area, an unprotected area, and a parking garage. The protected area will be constructed as a hardened structure with collective protection system that supports critical communications equipment, transmission, switch, network, and server systems and the personnel who operate, monitor, protect, and maintain them.

The protected area also gets redundant systems (generators, power, HVAC, etc.) to allow the facility to operate independently for a defined period. Also the geothermal wells of 1,038 holes in depth of 230 meters will provide 4,554 tons of energy, and cover the protected area’s cooling at endurance mode and unprotected area’s cooling and heating at normal mode.

The unprotected area is a three story component that wraps around the protected area providing additional protection against the defined threat. This area contains secure and unsecure spaces that provide services and support for USAG Humphreys C4I requirements.

The six-story parking structure is intended to provide parking for civilians and authorized military personnel working in the building. It will also provide additional customer and visitor parking for the facility.

Eighth Army/CNRK Headquarters

The Headquarters 010 Eighth Army/Commander Naval Forces Korea project was awarded in March 18, 2013 to Hyundai Development Center with a total cost of $63,444,946 funded by Ministry of National Defense USFK Relocation Office. The project is designed by Sunjin Engineering and Architecture. The facility will be relocated from Yongsan Garrison to Humphreys Garrison, Korea. The project is scheduled to be completed on June 27, 2015. The project consists of a three story building with traditional Korean brick (granite) roof exterior partition with an interior Sensitive Compartmented Information Facility, Operations Center, Network Operation Center. The facility also includes a parking facility to accommodate approximately 346 parking spaces, chiller plant, and...
emergency shutoff generators with a JP-8 fuel tank, bike racks, dumpster pad, utilities and storm drainage sys-
tems, sidewalks. The Construction Management is performed by Kun-
won CH2M HILL Program Manage-
ment Consortium (K-C PMC) with FED is responsible for construction surveillance.

**KORCOM Headquarters and Public Service Building**

The U.S. Korea Command Head-
quarters will be one the unique fa-
cilities in Humphreys. The project has been programmed for the U.S. Korea Command and the United Nations Command staffs, including the Office of the Commander, Deputy Com-
mander, Chief of Staff, Public Affairs, Protocol, Status of Forces Agreement Commission, and UNC Military Ar-
mistice Commission. The U.S. Korea Command Assistant Chief of Staff units includes, J1-J6, Command Group, Chaplain, Engineer, History Office, Judge Advocate, Provost Mar-
shal, Safety, and Surgeon. The project was awarded on June 10, 2013 to Hanwha Engineering and Construc-
tion Group, Chaplain, Engineer, History units includes, J1-J6, Command Group, Chaplain, Engineer, History Office, Judge Advocate, Provost Mar-
shal, Safety, and Surgeon. The project was awarded on June 10, 2013 to Hanwha Engineering and Construc-
tion with a construction cost of $74,093,525. The facility is design by Heerim Architects and Planners using restricted access standards as stated in Unified Facility Criteria 3-340.01. The project consists of a three-story building, a basement with under-
ground utilities, multi-functional protected entrances, space for collect-
tive protection system access, energy monitoring and control systems, se-
curity lighting/fire detection, suppres-
sion system, exterior information systems, emergency generators with a fuel storage facility. The facility will also include a parking lot with ap-
proximately 1,096 spaces and a pa-
rade ground with artificial turf for ceremonies and other related activi-
ties. The project is schedule to be completed on Aug. 29, 2015. Con-
mstruction management is performed by K-C PMC with FED responsible for construction surveillance.

**CY08 YRP, Hospital Bar-
racks**

The project was awarded in Sept. 2013 to GS Consortium with a con-
struction cost of $79 million. During construction 13 buildings will be demolished by GS and ten buildings will be demolished under another contract to make room on the existing garrison requiring coordination among multiple contractors. Several buildings contain asbestos and will require special procedures for re-
moval and disposal. The project is to con-
struct the new three standard de-
signs, eight-story, unaccompanied enlisted personnel housing and heat-
ing plant in support of the relocation of Yongsan Garrison. The barracks and the heating plant are needed to ade-
quately meet the base of barracks and the heating plant and support requirements within Humphreys Gar-
rison. The hospital barracks are scheduled for completion in Jan. 2016.

**CY09 YRP, Main Post Club**

The project was awarded in Aug. 2013 to Lotte Consortium with a construction cost of $6.1 million. During construction the existing bowling center (Bldg S-1432) will be renovated into a Main Post Club, in-
cluding kitchen equipment and park-
ing for 122 vehicles. The Main Post Club will include a banquet room, bar, dance floor, function rooms, full serv-
ices kitchen including kitchen equip-
ment, gaming area with pool tables and dart, smoking room, storage rooms, admin/office, toilets, com-
munications room, electrical room, mechanical room, and janitor’s room. Additional supporting facilities in-
clude security lighting, fire protection system and exterior information sys-
tems, sidewalks, curb and gutter, site amenities, bike racks, and trash areas/ pads. The Main Post Club is sched-
uled for completion in Nov. 2014.

**CY09 YRP, One Stop Pro-
cessing Center Area and Bus Station**

The One Stop Processing Center Area and Bus Station projects which were awarded in Sept. 2013 to Ke-
angnam Consortium commands a combined construction cost of $37,609,020 and is scheduled to be completed in July 2015. This Yongsan Relocation Plan project includes a standard design administrative build-
ing, a general purpose (One Stop Processing Center), a bus station, and two non-organizational vehicle park-
ing lots, which includes parking for commercial/transportation and motor pool buses. The main construction consists of one three-story reinforced concrete/steel frame building; other supporting facilities include parking, water, sewer, natural gas and a storm drainage system. The project also includes sidewalks, curbs, gutters, security lighting, heat-
ing, ventilation and air conditioning system. All facilities will include a first floor structural slab, pile founda-
tion, utility monitoring and control system, fire protection, alarm sys-
tems, and building information sys-
tems. Accessibility for the physically handicapped is provided therefore facility design meets American with Disabilities Act requirements.

**CY09 YRP, Zoeckler Sta-
tion Community Support**

The Zoeckler Station Community Support construction project is a stand-
dard design three single story reinforced concrete/steel frame build-
ings, which includes the MWR community club restaurant, KATUSA snack bar, and mini-mall/gas station, and is one of the many construction projects in the Yongsan Relocation Plant program was awarded to Ke-
angnam Consortium. Designed by EPG Korea it has a combined con-
struction cost of $13,916,776 the project has a land area of 41,545 square meters and is scheduled for completion in Feb. 2015. The main Supporting facilities to the Zoeckler Station Community Support project are the single story KATUSA snack bar which will provide a replacement facility for the existing KATUSA snack bar facilities on USAG Hum-
phrey. The mini mall/gas station (shoppette) will provide gas and convenient shopping, and food ser-
dices at the MWR community club restaurant.

**CY09 YRP, Eighth Army Vehicle Maintenance Facilities I**

The Eighth Army Vehicle Mainten-
ance Facility I (VMF 50) is a complex in new land of parcel 2A. The project began on March 29, 2013 and is expected to be completed on Dec. 5, 2014. The total project cost to date is $78,480,226 and is being con-
ducted by Daewoo Consortium as part of a four-site package. This proj-
ect criteria package is based on the Yongsan Relocation Plan and is a vertical construction project. The project will provide company operations facility, readiness module 450PN/360PN, Eighth Army head-
quarters medium tactical equipment maintenance facility and organiza-
tional storage building. Primary fa-
cilities include building information system and antiterrorism/force pro-

Family Housing Resident Office

YRP, Elementary and High School

This is the first vertical construction project in the YRP program and was completed and turned over to the Garrison in 2013. The project includes an 875-student elementary school and a 950-student high school in accordance with the latest Department of Defense Dependent Schools education specifications. The three-story facilities include 215 classrooms, 12 ball fields, multiple playgrounds, green spaces, parking for 624 vehicles, and an area designated for future expansion of the high school. Quality Assurance and contractual oversight was performed by K-C PMC, and FED was responsible for construction surveillance. The project was awarded in June 2011 to the Samsung Consortium at a cost of $83.9 million. The USAG Humphreys security perimeter was expanded to include the schools and they are currently in use.

YRP, Eighth Army Barracks

The Eighth Army Barracks is the second vertical YRP project. It consists of five 8-story buildings, each designed for 302 unaccompanied enlisted personnel. Landscaping includes two basketball courts, two volleyball courts, pavilions, bike racks, and a troop assembly area. The project was awarded to Hyundai Engineering & Construction in Oct. 2012 at a cost of $112 million and is scheduled to be completed in Jan. 2015. The contractor has completed structural work up to the 6th floor, and is installing building utilities up to the third floor of each building.

CY09 YRP, Eighth Army Vehicle Maintenance Facilities II (VMF 60)

The Eighth Army Vehicle Maintenance Facility II (VMF 60) is a complex in new land of parcel 2B-1. The project began on March 29, 2013 and is expected to be completed within the second quarter of FY15. The total project cost to date is $79,931,947 and is being constructed by Daewoo Consortium as part of a four site package deal. This project criteria package is based on the Yongsan Relocation Plan and is a vertical construction project. The project will provide a Main Communication Node/Area Distribution Node (MCN/AND) facility at Zoekler Station and at the Troop Housing area. Each facility will be 4,643 square feet and have government and private vehicle surface parking. Primary facilities will have separate equipment rooms that accommodate separated network requirements for public works, and various telecommunication equipment. Utility systems connections will include water, sewer, electrical, and storm drainage. The Zoekler Station MCN/ADN includes voice soft switch and voice over Internet protocol gateways for DSN voice communications. Features include: back-up power includes eight-hour direct current power batter plant for voice, redundant standby power generators with two days fuel tank capacity to support the entire facility, redundant transformers along with associated switchgear, and redundant computer room air conditioning units, along with lighting power, closed circuit television, and fire alarm systems. No mass notification system is required for this unmanned facility. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance.

CY09 YRP, Troop Housing and ZS ADN Eighth Army

The Troop Housing and Zoekler Station Area Distribution Node (C4I021) is a two structure/two site vertical project in new land of parcel 2A. The project began on May 2, 2013 and is expected to be completed by June 26, 2014 and Aug. 26, 2014, respectively. The total project cost to date is $9,844,313 and is being constructed by Daewoo Consortium as part of a four-site package. This project criteria package is based on the Yongsan Relocation Plan and is a vertical construction project. The project will provide a Main Communication Node/Area Distribution Node (MCN/AND) facility at Zoekler Station and at the Troop Housing area. Each facility will be 4,643 square feet and have government and private vehicle surface parking. Primary facilities will have separate equipment rooms that accommodate separated network requirements for public works, and various telecommunication equipment. Utility systems connections will include water, sewer, electrical, and storm drainage. The project began on March 29, 2013 and is expected to be completed by June 26, 2014 and Aug. 26, 2014, respectively. The total project cost to date is $9,844,313 and is being constructed by Daewoo Consortium as part of a four-site package. This project criteria package is based on the Yongsan Relocation Plan and is a vertical construction project. The project will provide a Main Communication Node/Area Distribution Node (MCN/AND) facility at Zoekler Station and at the Troop Housing area. Each facility will be 4,643 square feet and have government and private vehicle surface parking. Primary facilities will have separate equipment rooms that accommodate separated network requirements for public works, and various telecommunication equipment. Utility systems connections will include water, sewer, electrical, and storm drainage. The project began on March 29, 2013 and is expected to be completed by June 26, 2014 and Aug. 26, 2014, respectively. The total project cost to date is $9,844,313 and is being constructed by Daewoo Consortium as part of a four-site package. This project criteria package is based on the Yongsan Relocation Plan and is a vertical construction project. The project will provide a Main Communication Node/Area Distribution Node (MCN/AND) facility at Zoekler Station and at the Troop Housing area. Each facility will be 4,643 square feet and have government and private vehicle surface parking. Primary facilities will have separate equipment rooms that accommodate separated network requirements for public works, and various telecommunication equipment. Utility systems connections will include water, sewer, electrical, and storm drainage.
YRP, Child Development Center

This project (CDC010) was awarded to Hyundai Engineering & Construction in Oct. 2012 at a cost of $8 million. It is scheduled for completion in the summer of 2014. This CDC will accommodate 195-225 children between six and ten years old. It includes a computer lab, a homework center, activity rooms, a demonstration/teaching kitchen, a multi-purpose room for fitness and sports, an administrative area, a staff lounge, and other features. The contractor has already completed 40 percent of the work, including the walls and the roof. They are currently working on interior walls and systems.

ROKFC–in–Kind, Child Development Center

This Child Development Center will accommodate 338 children between the ages six weeks and five years of age, and includes outdoor play areas and parking for 146 vehicles. The project will provide adequate child care support to the military and DoD civilian workforce on USAG Humphreys. It was awarded in Oct. 2011 at a cost of $10.4 million and is 86 percent complete. Occupancy is not scheduled until mid-2015. Currently, interior work such as dry wall, ceiling, plumbing, and wiring is ongoing.

ROKFC–in–Kind, Soldier Troop Support

This project consists of four different sites, including a Post Exchange branch, a movie theater/auditorium, a community activity center, a post office branch, two chapels, and a recreational shelter facility. The project also includes a multipurpose field complex, which will have a football field, two baseball fields, and a running track. The projects were awarded to Doosan Engineering and Construction, Krima Construction, and Il Kwang in Dec. 2012 for a total of $41.9 million. Completion date for all projects is scheduled for the second quarter of 2015. The projects are approximately 20 percent complete.

YRP, Elementary, Middle School, and EDIS

This project will consist of an 876-student elementary school, a 1,100-student high school, and an Early Development and Intervention Services (EDIS) facility. The facilities include student class rooms, art classrooms, music classrooms, computer laboratory, physical and occupational therapy rooms, clinical and outpatient rooms, auditorium, cafeterias, supporting facilities, multipurpose athletic fields, multipurpose ball fields, running track, and vehicular and school bus parking. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance. The project was awarded in June 2013 to Daelim Consortium at a cost of $125 million and is scheduled for completion in June 2015. Currently the contractor is working on the second floor slabs and walls and is approximately 12 percent complete.

MOCT Funded, Army Family Housing-Senior Officers

This project includes construction of seven two-story, two-family duplex houses, for a total of 14 units at 2,900 square feet each. The houses are situated with the AFH060 project to provide a community housing area for colonel (O-6) or commander-level military personnel and their families. Each unit will have four bedrooms, direct entry access from the exterior, individual driveway with a one-car garage or carport, exterior storage, visitor parking, a fenced-in private yard with patios, and a BBQ grill area. The contract was awarded on Oct. 31, 2013 and completion is scheduled for June 2015. The contract value for this project is $10,183,194. FED is administering the contract.
ROKFC–in–Kind, Simulation Center

This Simulation Facility will bring together a number of training facilities under one roof. The Simulations will include primary facilities for Tactical Skills Trainers including Close Combat Tactical Trainer with I-HITS, Call for Fire Trainer and Stinger Trainer, Fire Support Combined Arms Tactical Trainer, Weapons Trainers, Medical Simulation Training Center, Water Survival Training Center, Humvee Egress Assistance Trainer, and Gunnery Trainers. The project was awarded in Dec. 24, 2012 at a cost of $33.7 million and is nine percent complete. Completion is scheduled for July 23, 2015.

NCO Academy and Transient UPH

This project is the Non-Commissioned Officer Academy and KA-TUSA Training Academy (NCOA/KTA). The NCOA/KTA is a single building that includes an administration component, general instruction component, transient unaccompanied personnel housing, multi-purpose component, and parade grounds. It was awarded in Dec. 18, 2012 at a cost of $24.1 million and is nine percent complete. Completion is scheduled for July 17, 2015.

YRP Railhead

This project is located on the northwest corner of the installation on new land. The Korail spur serving USAG Humphreys crosses the river to the north of the installation and will support both mobilization and sustainment operations. The railhead consists of six spurs arranged in pairs configured for end loading of up to 10 flatcars. One spur is dedicated for fuel operations. The facility also includes a Deployment Ready Reaction Field, which consists of a wash rack, two fuel loading/unloading facilities at the railhead, bulk fuel storage and related fuel facilities. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance. The project was awarded in March 2013 to Daelim Consortium at a cost of $11.7 million and is scheduled for completion in Jan. 2015. Currently, the contractor is working on site work and the Deployment Operations Building, and is approximately 24 percent complete.

CY08 YRP Hospital and Ambulatory Care Center/Dental Clinic

The two projects were awarded in July 2012 to Samsung C&T Corporation with a combined construction cost of $156,812,000. The hospital includes an acute care inpatient facility (hospital wing) and an outpatient clinical/ambulatory care center (clinic wing). The hospital wing has six active levels, basement through level 5, including a mechanical interstitial space at level 3. This wing primarily contains ancillary and inpatient support functions at the lower two levels, with inpatient nursing units at the upper two levels. The hospital has been designed to accommodate 68 inpatient beds with 40 in nursing/multi-care, six in intensive care unit, six in women and infant, two in labor/delivery and 14 in behavioral health. The clinic wing has five active levels, ground through level 5, plus a mechanical penthouse on the roof.

The clinic wing’s five levels are primarily dedicated to outpatient clinical services and administration. The Hospital and Ambulatory Care Center is scheduled for completion in Sept. 2015. The Dental Clinic includes 79 total Dental Treatment Rooms made up of Oral Hygiene, General, Pediatrics, Orthodontics, Comprehensive, Prosthodontics, Endodontics, and Periodontics. Offices for providers in the work areas have been provided. The Dental Clinic is currently on hold and therefore is forecasted to complete sometime in 2014.
CY08 YRP, 65th Medical Headquarters and CY09 YRP Parking Structure

The two projects were awarded in May 2013 to Hanwha Engineering & Corporation Co., LTD. with a combined construction cost of $24,461,636. The Brigade Headquarters is currently being built as a two-story building for the 65th Medical Brigade. The building will provide administrative and logistical support to the dental and medical services to the active duty, family members, and other eligible military and civilian population of USAG Humphreys. The parking structure will serve the Medical Complex Hospital, Dental Clinic, Brigade Headquarters and Fisher House. The parking is a five-floor structure and provides vehicular and pedestrian circulation, both horizontally and vertically, and includes the necessary miscellaneous support spaces including elevators, stairs, fire protection, mechanical, plumbing, electrical power, lighting and communication. The structure provides space for 1,000 private vehicles with three entrances/exits – one for the hospital (west), one for the Dental Clinic (east) and one for the Medical Brigade Headquarters and other traffic from the south. The garage is open to the public and is Americans with Disabilities Act accessible. Currently both projects are at beginning stages of construction and working on the foundation for both structures. Currently the Medical Headquarters and parking structure are schedule for completion in Jan. 2015.

CY09 YRP, Televideo Center and Swing Space

This project was awarded for construction in May 2013 to Hanwha Engr. & Corporation Co., LTD. for a total construction cost of $27,000,000. The project provides the new home for AFN-Korea TV and Radio Headquarters and the Morale, Welfare and Recreation cable TV Head End Facility and Business Center at USAG Humphreys. The project includes temporary swing space storage for 35,000 square feet of site during construction. The AFN studio portion will include a network operation center, a sound proof television studio with control room, radio broadcast operations technical control center with four sound-proof radio studios, a network enterprise server room, logistics area with an arms room Command Office area, Engineering and Maintenance Department, News and Production office space with sound booths, an antenna farm, and all required support spaces for a fully operational facility. The facility also includes areas for the satellite TV station equipment storage and for Humvee-based mobile broadcasting systems. The MWR cable TV portion of the Televideo building contains a business office, reception area, conference rooms, storage, executive offices, field office, server room, cable TV head end racks with a depressed slab and flush access flooring, and a satellite antenna farm. The satellite antenna farm will have security fencing with outdoor lighting and special grounding for all satellite dish pads. Ducting shall be installed from the antenna farm to the head end equipment. All required support spaces for a fully operational facility shall be provided. Currently the Televideo Center is schedule for completion in April 2015.

CY09 YRP, Midtown Medical Facilities

The Midtown Medical Facilities includes two projects the Troop Medical Facility and the Veterinary Clinic which were both awarded for construction on Aug. 2013 to Lotte Engineering & Construction for a total construction cost of $23,103,286. The Troop Medical Clinic is a two-story building with a gross area of 3,621 square meters. This building will accommodate functional requirements for medical, dental, and counseling for active duty soldiers and their dependents. The first floor will include optometry, audio testing, immunizations, low volume pharmacy, and general exam rooms. The second floor will be dedicated to dental services with general, comprehensive, and oral hygiene Dental Treatment. The Veterinary Clinic is a single-story building with a Gross Area of 1,765 square meters. This building will accommodate functional requirements for veterinary services. It will also include adequate space for dog runs and exercise areas. Veterinary facility activities also include the responsibility for inspecting, monitoring, and testing of human food and surveillance of the human food supply on base. Currently the Midtown Medical Facilities are schedule for completion in April 2015.
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 performed by FED. The $500 million 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 the hauling, placing and compacting of 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 vertical construction in the coming years. Parcel 2 Resident Office and the contractor, SKEC, have organized an outstanding project team and have partnered throughout design and construction, to deliver the customer with an outstanding high-quality product. The contractor continues to construct roads and storm water drainage systems and install 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 includes making final connections with the local municipal utility providers: Pyoengtaek City for water and sewer, KEPCO for electricity, and Samchully for natural gas. All lines are now connected, except for water which is scheduled to happen soon with the completion of the new Underground water storage tank project. Work also includes a switching-station and water plant, storage tanks, lift stations and demolition of existing buildings on USAG Humphreys. The contractor demonstrated its commitment to safety with no work related accidents within the past year. P2RO maintains positive relations with the stakeholders and customers to achieve common goals and partners with the contractor to minimize construction delays.

YRP, Land Development and Utilities Infrastructure - Parcel 2B1

The Land Development and Utilities Infrastructure Project is a turn-key contract to provide land improvements and utilities on 820 previously 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 future vertical structures and prevent differential settlement of horizontal structures. This contract totals over $150 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 January 2015. With construction of soil improvements, the contractor is also designing and constructing 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 has been working underground infrastructure utilities work. Numerous vertical construction projects are already underway in the filled land.

YRP, Site Preparation and Utilities Facility Construction – Parcel 2B2

This turn-key contract provides land improvements and utilities on 605 previously 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 basins that have been dried and compacted to be used as engineered fill. Concurrent with construction of soil improvements, the contractor is also designing and constructing five miles of road and utility systems for water and fire protection, three miles of 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 over $150 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 May 2015. The contractor has started the majority of utility work systems. 2B2 land development is about to be complete.
ROKFC-in-Kind, Warrior Support Area Distribution Node

This project entails construction of a single-story, 395 square meters building with concrete walls, standing-seam metal roof, with a raised floor system in server room. The project will serve as the distribution hub for C4I systems in the Warrior Support area. The project is physically located on the east side of 5th Street between C and E Avenues in zone 2B1-1-12. Construction of this $3 million facility began in early 2012 and scheduled for completion in Sept. 2014. The construction contractor is Fine Construction Co., Ltd. and design was completed by AM-KOR A&E.

The P2B-1 main utilities (water, sewer, and gas) will be complete spring 2014 and underground electrical and roads will be complete in late 2014. As soon as water mains are complete and temporary overhead electrical is established, the project will be tested, commissioned, and turned over for active equipment installation and operation. The scheduled completion date is Sept. 2014.

ROKFC, Downtown Area Distribution Node

The Downtown Area Distribution Node project will provide a facility that will be the focal point for communications networking for the facilities located in the Humphreys Downtown Area, and will provide voice, video, and data services located in USAG Humphreys. The facility will house a SONET node which provides installation OC-48 transport ring topology between the other major communication nodes and area distribution nodes on USAG Humphreys. P2RO and the contractor have organized an outstanding project team that are partnering throughout the construction process, delivering the customer an outstanding product and quality of work. The contractor continues to construct the foundation of the facility, exterior site improvements such as electrical and telecommunications manholes, security fencing, and utility connection points. The contractor demonstrated its commitment to safety by achieving zero lost days of work due to work related accidents the past year. P2RO maintains positive relations with the stakeholders and customers to achieve a common goal and partners with contractor to minimize any construction delays.

ROKFC-in-Kind, Wash Facility and Drivers Training Course

This project consists of a new vehicle wash facility and driver training course. The main facility consists of a wash platform, installation of six wash bays, a modified-standard design multi-purpose training range, unit staging area, supporting facilities, underground utilities, paving, facing and gates, bike racks, and dumpster pad enclosures. The supporting facilities include multi-purpose training (MPTR) range operation center, MPTR range control tower, range support building, ammo breakdown building, latrine, covered bleachers, field dining, guard booth, vehicle maintenance bays, and a pump house. Construction of this project began in August 2013. Currently, only 40 percent of the site has been released for construction with the remaining land still undergoing landfill and grading work. The current project completion date is March 2015, however a pending time extension will push the date several month later.

Pyeongtaek Resident Office

CY10 ROKFC-in-Kind, Airfield Operations Building (AV020)

Phase I of this $8.8 million project provides a two-story airfield operations building adjacent to the existing USAG Humphreys airfield. This facility will allow improved operational capabilities for users currently operating from out dated facilities. Phase II of this project demolishes the exiting airfield operations building and extends an aircraft taxi lane on the existing aviation intermediate maintenance hangar parking apron. This facility was turned over in Sept. 2013.

CY10 YRP, KORCOM Operations Center Phase I

This $19.5 million project prepares the site to support the Phase II building construction for the U.S. Korea Command Operations Center. Work includes excavation, dewatering, slurry walls, a building sub-drainage system, tension pile installation, and miscellaneous work. The project also includes maintenance of the de-watering systems, slurry wall and anchoring systems, and geo-technical instrumentation systems for a period of 12 months after project turnover. The scheduled completion date is July 2014.
FY10 MCA, Airfield Rescue and Fire Station

This $11.8 million 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 and structural fire station with a 911 Emergency Communications Center, emergency operations center, and secured documents area. The satellite fire station will accommodate 24 fire fighters. Other features include; 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. Both facilities were turned over in Dec. 2013.

Barracks and Dining Facilities

This $50.2 million project includes one 302-person barracks and two 1,308-person dining facilities. One barracks and one dining facility are located on Site #1 (new land) and one dining facility is located on Site #2 (USAG Humphreys). The barracks has eight floors and is 10,827 square meters which will house 302 soldiers. Each dining facility is 2,401 square meters and will be able accommodate 1,300 soldiers in three shifts.

The scheduled completion date for the barracks and dining facility on Site #1 is June 2104 and the dining facility on Site #2 is April 2014.

FY08 MCA, Battalion Headquarters (UEH020B)

This $25.9 million provides an 112,411 square feet two-story battalion headquarters complex. The primary facilities include a standard design battalion headquarters with classrooms, company operations facility with covered hardstand, vehicle maintenance shop, organizational vehicle parking, organizational storage, oil storage, and hazardous waste storage. The scheduled completion date is March 2014.

CY09 ROKFC-in-Kind, Eighth Army Barracks and Dining Facilities

This $84 million project includes three 302-person barracks and one,308-person dining facility. Each barracks has eight floors and is 10,827 square meters which will house 302 soldiers. Each dining facility is 2,401 square meters and will be able accommodate 1,300 soldiers in three shifts. Other facilities included in this project are outdoor basketball courts and barbecue stands. The scheduled completion date is Nov. 2014.

CY10 ROKFC-in-Kind, Type II Aircraft Parking (AV050)

This $5 million project provides a parking apron that is constructed with 204 millimeters thick reinforced concrete which will accommodate 16 helicopters. This project also constructs a 275 square feet transmitter building with steel platform for antenna mounting. The transmitter building will facilitate communication on the airfield. The scheduled completion date is Aug. 2014.

CY11 ROKFC-in-Kind, Type II Aircraft Parking (AV050)

This $5 million project provides a parking apron that is constructed with 204 millimeters thick reinforced concrete which will accommodate 16 helicopters. This project also constructs a 275 square feet transmitter building with steel platform for antenna mounting. The transmitter building will facilitate communication on the airfield. The scheduled completion date is Aug. 2014.

CY11 ROKFC-in-Kind, HBCT Vehicle Maintenance Facility I (VMF090)

This $42.3 million project includes two medium tactical maintenance facility buildings, two central operations facility buildings, two readiness buildings, two petroleum, oil and lubricants storage buildings, two organizational storage buildings, two unmanned aerial vehicle storage buildings. Each tactical equipment maintenance facility will include one 35-ton bridge crane. Each COF building and readiness building will have two floors. The scheduled completion date is Oct. 2014.

CY11 ROKFC-in-Kind, HBCT Vehicle Maintenance Facility II (UMV090)

This $23.6 million project is to construct a Consolidated Maintenance Facility (CMF) which will accommodate 16 helicopters. The scheduled completion date is March 2014.

CY11 ROKFC-in-Kind, HBCT Vehicle Maintenance Facility III (CMF090)

This $5 million project includes two 302-person barracks and one 1,308-person dining facility. Each barracks has eight floors and is 10,827 square meters which will house 302 soldiers. Each dining facility is 2,401 square meters and will be able accommodate 1,300 soldiers in three shifts. Other facilities included in this project are outdoor basketball courts and barbecue stands. The scheduled completion date is Nov. 2014.

CY11 ROKFC-in-Kind, HBCT Consolidated Headquarters (HQ070)

This $23.6 million project is to construct a Consolidated Headquarters (HQ) building on Site #2 (USAG Humphreys). The facility will be capable of supporting a command group and up to six subordinate battalion staff sections. Special functions of the facility include secured components consisting of a tactical operations center, secured documents area, and a network operations center. The scheduled completion date is Dec. 2014.

CY12 ROKFC-in-Kind, HBCT Combat Operations (COF080)

This $5.6 million project provides a 61,548 square feet two-story battalion headquarters facility. The primary facility also includes special foundation, antiterrorism measures and building information systems. Supporting facilities include exterior utilities and lighting, paving, walks, curb and gutters, parking and above ground walkway connecting to the brigade headquarters facility. The scheduled completion date is March 2014.

CY13 ROKFC-in-Kind, HBCT Combat Operations (COF080)

This $5.6 million project provides a 61,548 square feet two-story battalion headquarters facility. The primary facility also includes special foundation, antiterrorism measures and building information systems. Supporting facilities include exterior utilities and lighting, paving, walks, curb and gutters, parking and above ground walkway connecting to the brigade headquarters facility. The scheduled completion date is March 2014.

CY13 ROKFC-in-Kind, HBCT Command Group (CG070)

This $5.6 million project provides a 61,548 square feet two-story battalion headquarters facility. The primary facility also includes special foundation, antiterrorism measures and building information systems. Supporting facilities include exterior utilities and lighting, paving, walks, curb and gutters, parking and above ground walkway connecting to the brigade headquarters facility. The scheduled completion date is March 2014.

CY13 ROKFC-in-Kind, HBCT Command Group (CG070)

This $5.6 million project provides a 61,548 square feet two-story battalion headquarters facility. The primary facility also includes special foundation, antiterrorism measures and building information systems. Supporting facilities include exterior utilities and lighting, paving, walks, curb and gutters, parking and above ground walkway connecting to the brigade headquarters facility. The scheduled completion date is March 2014.

CY14 ROKFC-in-Kind, Future Command Group (CG070)

This $5.6 million project provides a 61,548 square feet two-story battalion headquarters facility. The primary facility also includes special foundation, antiterrorism measures and building information systems. Supporting facilities include exterior utilities and lighting, paving, walks, curb and gutters, parking and above ground walkway connecting to the brigade headquarters facility. The scheduled completion date is March 2014.

CY15 ROKFC-in-Kind, Future Command Group (CG070)

This $5.6 million project provides a 61,548 square feet two-story battalion headquarters facility. The primary facility also includes special foundation, antiterrorism measures and building information systems. Supporting facilities include exterior utilities and lighting, paving, walks, curb and gutters, parking and above ground walkway connecting to the brigade headquarters facility. The scheduled completion date is March 2014.

FY10 MCA, Brigade Headquarters (UEH020B)

This $32.3 million project provides a 133,343 square feet two-story brigade headquarters complex. Primary facility also includes special foundation, antiterrorism measures and building information systems. Supporting facilities include exterior utilities and lighting, paving, walks, curb and gutters, parking and above ground walkway connecting to the battalion headquarters facility. The scheduled completion date is March 2014.

FY13 MCA, Battalion Headquarters Complex (HQ110)

This $25.9 million provides an 112,411 square feet two-story battalion headquarters complex. The primary facilities include a standard design battalion headquarters with classrooms, company operations facility with covered hardstand, vehicle maintenance shop, organizational vehicle parking, organizational storage, oil storage, and hazardous waste storage. The scheduled completion date is April 2016.

FY14 MCA, Battalion Headquarters Complex (HQ110)

This $25.9 million provides an 112,411 square feet two-story battalion headquarters complex. The primary facilities include a standard design battalion headquarters with classrooms, company operations facility with covered hardstand, vehicle maintenance shop, organizational vehicle parking, organizational storage, oil storage, and hazardous waste storage. The scheduled completion date is April 2016.

FY15 MCA, Battalion Headquarters Complex (HQ110)

This $25.9 million provides an 112,411 square feet two-story battalion headquarters complex. The primary facilities include a standard design battalion headquarters with classrooms, company operations facility with covered hardstand, vehicle maintenance shop, organizational vehicle parking, organizational storage, oil storage, and hazardous waste storage. The scheduled completion date is April 2016.
**CY12 ROKFC-in-Kind, Physical Fitness Facility (UEH070)**

This $9.4 million provides a two story 40,841 square feet facility which includes two basketball courts, bleachers, climbing wall, locker rooms and reception area on the first floor. The second floor has two racquetball courts and aerobic, combat and cardio exercise rooms. The scheduled completion date is Oct. 2014.

**CY11 ROKFC-in-Kind, Fires Support Vehicle Maintenance Facility II (VMF080)**

This $40.5 million project provides a standard medium tactical maintenance facility with a 35,290 square feet vehicle maintenance facility, three 5-8 company operations facilities that are standard design, organizational facility, concrete organizational parking for tracked vehicles, a parking area, a hazardous material storage facility and petroleum, oil and lubricants storage facility. The scheduled completion date is Sept. 2014.

**CY12 ROKFC-in-Kind, HBCT Vehicle Maintenance Facility III (VMF091)**

This $22.8 million provides a new vehicle maintenance facility complex consisting of a standard design medium tactical equipment maintenance facility, three to eight company operations facilities, 750-person readiness modules, organizational storage building, unmanned aerial vehicle storage, waste oil storage, hazardous material storage and Portland cement concrete paved organizational parking. The scheduled completion date is Dec. 2014.

**CY12 HBCT Vehicle Maintenance Facility III (VMF100)**

This $21.8 million project provides a standard design medium tactical equipment maintenance facility, company operations facility, a 350-person and 450-person readiness modules, petroleum, oil and lubricants storage, organizational storage, and covered hardstand. The scheduled completion date is July 2015.

**CY13 HBCT Vehicle Maintenance Facility IV (VMF101)**

This $54.6 million project provides a standard design medium tactical equipment maintenance facility, administration module, readiness building, petroleum, oil and lubricants and hazardous storage, organizational storage, covered hard stand unmanned aerial vehicle storage, guard house, bike rack, and trash enclosure facility. The scheduled completion date is Aug. 2015.

**CY12 ROKFC-in-Kind, HBCT Barracks (UEH070)**

This $76.2 million project provides four standard design 302-person eight-story barracks. Unaccompanied enlisted personnel will occupied the barracks for housing. The scheduled completion date is Dec. 2014.
KOREA RELOCATION PROJECTS

Fiscal Year 2013 saw a continuing increase in the momentum for the substantial Korea Transformation Program. Significant progress continues to be made on numerous projects and task orders, and initiation of new actions. The program consists of the Yongsan Relocation Plan, funded directly by the Republic of Korean government, and the Land Partnership Plan, resourced by various U.S. controlled funding programs; Military Construction-Army, Republic of Korea Funded Construction, ROKFC-in-Kind, major non-appropriated fund and other sources. As of the end of FY13, there were 37 projects valued at $1.7 billion in design and 67 projects valued at $4.3 billion under construction. To date construction has been completed on 20 projects valued at approximately $1.1 billion. Notably was the completion of the Army Family Housing tower.

During this calendar year the district had 17 Yongsan Relocation Plan projects valued at $650 million in various stages of design. At the end of the year, one Criteria Pack- age was still in the development stage, 10 Criteria Packs had been completed. The design of several critical projects was completed in 2013 to include KORCOM headquarters and Operations Center, CNFK headquarters, Once Stop Processing Center and the 2nd Infantry Division headquarters.

Notable actions this year on the Land Development, Utilities and Infrastructure projects was the incorporation of changes to the Master Plan of 2009-2010 into the 2011 version of the Master Plan. This included update of road designs and main utility routings. The Landscaping master plan was presented by the PMO office for the program.

Construction for the Yongsan Relocation Plan picked up with the award of the Commissary and Exchange and the award of the Railhead (Phase 1) in April. The construction progressed on the high school and first elementary school with final inspections occurring in August. Notable events included the collaborations between KPRO, Construction division and the USAH Humphreys Garrison Airfield Operations office to de-conflict the significant impact of the vast number of cranes operation across the program and the safe operations of the installation airfield for air traffic.

Steady progress has been made this year on the understanding of the process for managing the design and construction of secure facilities. With numerous meetings and briefings, the project development teams for each project have been able to move their projects forward. The small YRP SPARTAN Site H project was completed on Feb. 15 and the notice to proceed was issued on the Communication Center on July 24. The Phase III construction contract was awarded and the notice to proceed was issued in September.

Significant progress was made on the LPP and other program. There were 20 LPP and others projects valued at $1.1 billion in various stages of design or construction acquisition.

Personnel changes continued to be a challenge in 2013 and will continue into 2014. In 2013 there were 22 vacancies in the organization; nine new personnel were added to the KPRO team. KPRO hosted four Advancing Minority Interest in Engineering interns during the calendar year. Student ranged from Prairie View A&M University, Howard University, Tennessee State University, and Morgan State University. All are HBCU institutions.

All personnel completed all required DoD mandatory training during the year. Two Prospect training classes were brought to the peninsula for KPRO personnel; P2 Basic and P2 Advanced Scheduling, and two private sector led training courses, Secure Facility Construction, and Medical Facility Construction were conducted. Personnel participated in an installation wide Non Combatant Evacuation Operation (NEO) simulating a mass evacuation of personnel and family and pets from the peninsula.

During the calendar year the office had nine personnel awarded commanders coins at monthly PRB’s for excellent service; seven personnel were recognized for support to the Science, Technology, Engineering and Math support to the Humphreys Elementary School; four Service year pins were presented, one 2013 award for the Modern Day Technology at the Black Engineer of the Year Award Conference and one PM was recognized by USACE for the PM of the Year for 2013. There were two retirements and two promotions for personnel in the section.

The program had numerous VIP visits throughout the year to include the Maj. Gen. Cox, USACE Deputy Commanding General, Military and International Operations, Lt. Gen. Thurman, Commander U.S. Forces Korea and his replacement Lt. Gen. Scaparrotti. The office also participated with Eighth Army personnel for the Eighth Army Rehearsal of Concept drill for movement of forces to USAG Humphreys.

KPRO underwent a Division Command Assistance visit during which the office deputy received accolades from the POD commander for her significant effort put into developing the office SharePoint site to be a repository for program files and historical documents on the construction efforts.
OSAN AIR BASE
PROJECTS

CDIP, 2nd Runway
The construction contract for this CY06 Combined Defense Improvement Project was awarded on April 7, 2011, and is scheduled for completion in Sept. 2014. This $84 million project will construct a Class B (9,000-foot long, 150-foot wide) concrete runway, 700-foot north of, the existing runway. The project includes 1,000-foot aircraft overruns, 25-foot aircraft shoulders, three connecting taxiways, as well as the relocation of numerous ROK Air Force and Air Defense Artillery facilities. During FY13, the second connecting taxiway was completed, along with approximately 5,000 feet of concrete slip form paving. The concrete for this project also meets the stringent Alkali Silica Reactivity mitigation requirements of the airfield concrete paving specification.

Air Force MILCON, Airman Dormitory
156 Person
The construction contract for this FY12 MILCON project was awarded on March 13, 2012, and is scheduled for completion in Aug. 2014. This $14.8 million project will provide a new five-story, 156-person Airman dormitory to house permanently-stationed personnel at Osan Air Base. The dorm will provide each occupant with a bedroom, bath-room, and closet. A kitchen area and washer/dryer closet will be shared between four occupants. Over the past year, the contractor completed all exterior work. Interior mechanical, electrical, fire protection, and drywall work is on-going.

ROKFC-in-Kind, Joint Senior Noncommissioned Officer Dormitory
The construction contract for this ROKFC-in-Kind project was awarded on Oct. 14, 2011, and is scheduled for completion in Oct. 2014. This $50 million project will provide the construction of a new eight-story Senior Noncommissioned Officer dormitory for 277 occupants. Primary facilities include living units with a bedroom, living room, bathroom, kitchen, and washer/dryer closet, multipurpose activity rooms, public restrooms, bulk storage, parking, and a gazebo. The facility will meet all applicable DoD antiterrorism/force protection requirements including minimum standoff distances. During FY13, all exterior work was completed. Interior mechanical, electrical, fire protection, and finish work is on-going.

ROKFC, 35th Air Defense Artillery Brigade Headquarters and Parking Structure
The construction work for this FY07 ROKFC project started on March 2010 and was turned over to the 35th Air Defense Artillery Brigade in Jan. 2013. This $31.5 million project consists of constructing the brigade headquarters, parking structure and Army facilities. The brigade headquarters will be five stories above ground housing administrative offices for the brigade’s headquarters and headquarters battery and bravo battery, and three Battlefield Coordination Detachment-Korea (BCD-K) administrative offices. Also, the brigade tactical operations center (TOC) will be located below ground for supporting the daily and contingency operations of the war operations center, air defense artillery element, fire direction center, critical communications systems, and providing contingency workspace for the 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. The basement floors are semi-hardened and have the ability to withstand a ground shock from a near-miss explosion. The Parking Structure will support the needs of the new brigade headquarters facility, the existing 7th Air Force facility, the Korea Air Simulation Center, and other nearby office and service facilities. The new parking structure will provide up to 274 parking spaces on five levels. This is an increase of 244 spaces over the existing 30 spaces.

ROKFC, Consolidated Radar Approach Control/Airfield Management/Tower Facility
The construction work for this CY10 ROKFC project started on March 23, 2011 and was completed in May 2013. This $12.5 million project consists of constructing one-story building for the Radar Approach Control/Airfield Management facility and a nine-story air traffic control tower to be utilized by the 51st Operations Support Squadron. The old air traffic control tower was only 3-story tall. The RAPCON/Airfield Management facility provides working spaces for the administrative functions, aircraft tracking 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 includes a control cab on the 9th floor, mechanical rooms, equipment room, training room, ready room/break room, and admin areas will include chief control office and administration.
ROKFC-in-Kind, EOR Arm/Disarm Pads

The construction contract for this ROKFC-in-Kind project was awarded in June 2012 and was completed one month ahead of schedule in Nov. 2013. This $3.4 million project provides seven aircraft parking spaces on the west end of the runway to arm and disarm aircraft munitions. Concrete used for this project meet stringent aircraft concrete paving specifications for low Alkali Silica Reactivity. If not mitigated, the reactivity can cause expansion in the concrete leading to concrete failure.

ROKFC-in-Kind, Upgrade HTACC/KCOIC

The construction contract for this $12.4 million CY10 ROKFC-in-Kind project was awarded on Sept. 3, 2010, with an estimated completion date of April 2014. 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. In 2013, all work in non-sensitive information areas was completed.

OMAF, Repair Airman Dorms Building 1365 & 1366

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 was completed in April 2013. These dormitories are used to house Airmen that are assigned to Osan Air Base. 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, and cabinets. This project also replaced all major mechanical equipment such as boilers, air handling units, and fire protection systems.

FY10 Air Force DLA MILCON, Type IV Hydrant Fuel System

The construction work for this FY10 MILCON project, funded by the Defense Logistics Agency, started on Aug. 27, 2010 with a scheduled completion in Nov. 2014. This $19.3 million project includes replacement of the existing JP8 fuel hydrant system with a Type IV hydrant system (1,800 gallon per minute maximum capacity) consisting of two 70,000 barrel (2,940,000 U.S. gallons) cut-and-over operating tanks, a 6,500-foot long, 10-inch diameter fuel hydrant piping loop, ten aircraft fueling stations, filter building, and other associated equipment and systems. The first 2.9 million gallon tank, filter building, and five aircraft fueling stations were commissioned and turned over to the base this past year.
**AREA IV PROJECTS**

**YRP, Commander Naval Forces Korea Headquarters, Busan**
This project is for the construction of the new Naval Facility Headquarters located on the Republic of Korea Navy Fleet Command base in Busan. This $6 million project is part of the Yongsan Relocation Program managed by the Republic of Korea. The project was awarded in Aug. 2013 with an anticipated completion date of March 2015.

**OMA, Replace Concrete Paving, Busan Storage Center**
This concrete paving project was finished in Aug. 2013 at a cost of $2.6 million. This project included removal of existing asphalt concrete pavement, excavating/backfilling with suitable materials and placing new concrete pavement for the Area 30, 32 and 46. The work also includes removal of existing concrete ditches, relocation of fire hydrants, construction of new drainage structures, and installation of closed-circuit television system at the main gate.

**ROKFC-in-Kind, Replace Aircraft Revetments, Yechon Air Base**
The Revetments project at Yechon Air Base was finished in Nov. 2013 at a cost of $5.5 million. The general scope of the project consisted of the removal and replacement of deteriorated metal bin revetments in the designated Combat Aircraft Loading Area for the Helicopter Mine Counter Measures Squadron (HM-14). This included 450 meters of long wall and 40 short wall revetments. The IDT revetment is a prefabricated steel wall unit constructed from corrugated metal panels connected with stainless steel pins, formed into six course assemblies of varying, thickness, and shapes. The new revetments will be configured to meet explosive safety requirements and meet the clearance requirements for the Joint Strike Fighters.

**FY11 DOD MILCON, Health and Dental Clinic, Camp Carroll**
The Health Clinic and Dental Clinic at Camp Carroll, U.S. Army Garrison Daegu was completed in May 2013 at a cost of $10.2 million. The user moved in and opened the clinic on Dec. 16, 2013. This two story facility includes civilian employee health preventative medicine, after hours walk-in care, radiology, laboratory, pharmacy, dental clinic, and other support facilities. General site improvements include roads, sidewalks, utilities, and services to support the new facility. S-137 the existing dental clinic (2,800 square feet) will be demolished under this contract in the first quarter of calendar year 2014.

**FY11 DOD MILCON, Operations Fund, DDD-K Projects, Camp Carroll**
The various operations and maintenance project consisted of a major renovation to the Defense Logistic Agency’s facilities. Also within the scope of this project were equipment projects for the Helicopter Mine Counter Measures Squadron (HM-14). This included 450 meters of long wall and 40 short wall revetments. The IDT revetment is a prefabricated steel wall unit constructed from corrugated metal panels connected with stainless steel pins, formed into six course assemblies of varying, thickness, and shapes. The new revetments will be configured to meet explosive safety requirements and meet the clearance requirements for the Joint Strike Fighters.

**FY12 Army MILCON, Barracks and Tactical Equipment Maintenance Facility, Camp Carroll**
The construction work for this FY12 MCA construction project started on Feb. 24, 2012. The motor pool was turned over on Aug. 2013 with the barracks scheduled for completion Oct. 7, 2015. This $27.6 million project includes a 17,450-square foot motor pool, and the barracks will be a 302 person standard 8-story building.

**FY11 Army MILCON, Upgrade the Electrical System and Construct Natural Gas System, Camp Walker**
This multifaceted contract provided the complete upgrade of the electrical systems and installed a conversion from fuel powered to natural gas for hot water and heating for the installation. The electrical substation and distribution system included transferring from 5.7 kilovolt-amperes to 22.9 kilovolt-amperes including underground electrical distribution lines, ducts, manholes, pad-mounted transformers, capacitors (to maintain the power factor, over-current, thermal, and ground fault protection), voltage regulators, line switches, switch-gears, and pad mounted junction boxes. The upgrade converted the overhead distribution lines to an underground distribution system. Natural gas construction includes all gas distribution lines, regulators, leak detectors, automatic meters, gas equipment facilities, connection fees, replacement/modification of existing fuel oil burners/heaters, connection to boilers/heaters, and removal of existing heating fuel oil lines. Supporting facilities include restoration of paving, sidewalks, curbs and gutters; removal of paving, sidewalks, curbs, gutters, poles, wiring, and transformers and associated hardware. This $19 million project began in May 2011 and was substantially completed Sept. 2013.
ROKFC-in-Kind, 110-person Barracks, Camp Mujuk

The construction of 110 barracks project with a cost of $3.4 million began in Sept. 2012 and will be turned over to the HM-14 detachment in early 2014. This facility is located in the west part of Camp Mujuk. This two-story facility includes eight 8-person large bunk rooms at the first floor and two eight-person large bunk rooms, five three-person units and eight single units at the second floor. Officers and females will be located upstairs. General site improvements include roads, sidewalks, permeable unit pavers and utilities to support this barracks building. To save energy this facility adopted the geothermal system which will be operated for the interior heating system.

ROKFC, Fleet and Family Town Center, Chinhae

The construction work for this Republic of Korea funded project started in Nov. 2010 with a completion date in 2014. This $18.6 million project will co-locate most of the family support functions for Chinhae under one roof. This three-story facility will include the post office, bank, Navy exchange, commissary, training center, lounge and theatre training area.
KUNSAN PROJECTS

FY11 MILCON, Distributed Mission Training Flight Simulator
This project constructed a new Distributed Mission Training Flight Simulator. This replaces a facility built in 1972 that was not large enough to support the four new simulators. The new facility is about 60 percent larger, provides capabilities not available elsewhere on the peninsula, and replaces the Air Force’s need to use the Misawa Air Base, Japan simulators. The contract was awarded on Feb. 15, 2011 for about $6.5 million, and the groundbreaking ceremony was on Aug. 22, 2011. The new building was turned over to the user on Jan. 31, 2013. L3 Communications started installing the simulators in June 2013, and the ribbon cutting was on Dec. 12, 2013.

FY12 OMAF, Demo/Consolidate B511/B512 and B950/954
This project was to consolidate functions of the 8th Communication Squadron. The demolition/consolidation of B511/B512 and B950/B954 are two separate projects that were combined into a single contract. The project included the demolition of B512 and B954, a 2,765-square foot addition to B511, a 2,765-square foot addition to B954, and renovation work inside of building B511 and B950. The renovation work included replacement of deteriorated architectural element and finishes, latrine fixtures, lighting fixtures, and fire detection. The contract was awarded on Aug. 30, 2012, for about $2.1 million. The buildings were completed on Nov. 5, 2013.

FY13 DODM, Kunsan Medical/Dental Clinic Addition
This project is to construct a 15,000-square foot addition to the Kunsan Medical/Dental Clinic. The current facility at Kunsan is 27 percent undersized by DoD standards. This project will add needed space to the facility at Kunsan Air Base, and allow the 8th Medical Group to consolidate services under one roof. The contract was awarded on June 5, 2013 for about $8.5 million, and the ground breaker ceremony was on Sept. 24, 2013. The project completion date is May 12, 2015 and is approximately 11 percent complete at the end of Dec. 2013.

CY12 ROKFC-in-Kind, Munitions Storage Igloos
This project is to construct 14 new munitions storage igloos. The project is approximately 42 percent complete at the end of Dec. 2013, and the contract completion date is Dec. 20, 2014.

Job Order Contract
Eighteen Job Order Contract Delivery Orders were completed and turned over to the Air Force in FY13. The orders include three dorm renovations, mechanical system upgrades, replacement of three storm damaged roofs, installation of taxiway end lights, and T-splice repairs on the high voltage feeder line. The total value of the completed orders was about $10.5 million.
Cost Engineering Branch

The Design Branch quickly responded to provide the design of a joint-use facility satisfying all the requirements of the Air Force Special Operation Command and the Special Operations Forces Korea (SOCKOR) for the rigging mission during peacetime and wartime. The original building was damaged severely by typhoon during the monsoon season in 2003 and needs significant repairs to be able to support the rigging operation which includes a new drying tower for G-11 Cargo Parachute. The building for this facility will serve maintaining, repairing, and storing parachutes. This is the only USFK rigging facility in the Korean peninsula and the facilities will provide the operational capabilities of 7th Air Force and SOCKOR to rig airdrop bundles for use during exercises or wartime in the Korean theater of operations.

CY14 ROKFC-in-Kind, Rigging Facility, Gimhae Air Base

The Design Branch comprises 37 architects, engineers, engineering technicians, specifications writers, and administrative assistants who continue to provide high quality services of producing designs and contract solicitation packages for construction. Of particular significance in CY13 are the following design projects.

**Cost Engineering Branch**

Cost Engineering Branch completed 29 Independent Government Estimates for military construction projects including Military Construction Army, Military Construction Air Force, Operations and Maintenance Army, Operations and Maintenance Air Force, Republic of Korea Funded Construction, and Indefinite Delivery Indefinite Quantity projects peninsula wide totaling $293 million. In addition to IGEs for new projects the branch completed 38 IGEs for Job Order Contracts and Basic Change Documents totaling $46 million and 123 contract modifications. The branch conducted two Value Engineering studies for various military construction projects resulting in anticipated cost savings of $1 million. Documents totaling $46 million and 123 Job Order Contracts and Basic Change projects the branch completed 38 IGs for $293 million. In addition to IGs for new construction, the branch completed 38 IGs for Job Order Contracts and Basic Change Projects totaling $46 million and 123 contract modifications. The branch conducted two Value Engineering studies for various military construction projects resulting in anticipated cost savings of $1 million.

Design Branch

In FY13, Cost Engineering Branch continued to work on implementing the Corps of Engineers estimating software to be used for Korea projects. The data base of Korean material approved for use on U.S. funded projects in Korea was updated with the new approved material lists provided by the Specification Section in Design Branch. The transformation to the Micro-computer Aided Cost Estimating System 2nd Generation (MII) is slowly being phased in to the cost projects.

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**Geotechnical and Environmental Engineering Branch**

The $17.9 million project is to construct a new U.S. Air Force dining facility serving 2,105 personnel with three dining turnovers during a meal period at Kunsan Air Base. As the project was not provided with a standard design to follow, this Dining Facility required a design prepared from scratch that included a new kitchen design. Close and intensive coordination with kitchen specialists and interior designers located in the U.S. kept the design progress on time and successful. Standing seam metal roofing is required to entirely cover the large single story building, and this presented quite a challenge; a metal roof covering this large and sprawling single story building could easily result in a huge and mundane mass without any characteristics. With careful design with roof shapes, the overall exterior mass of the building was rendered inviting, pleasant, and also comfortable to the human scale, which is quite appropriate for a building functioning as the center of the community.
The branch was well occupied in CY13 in support of the district’s robust military design and construction program, as well as performing projects directly supporting our military installations. All four sections (Geotechnical, Environmental, Water Well Services, and Data Management) contributed significantly to successful mission completion and customer support during the year. Our project execution team consisted of highly talented in-house professionals, skilled technicians, and dedicated administrative staff, assisted by multiple Indefinite Delivery Indefinite Quantity contracts and reach-back U.S. Army Corps of Engineers resources. In FY13, the branch completed a total of 284 geotechnical, environmental, water well, geospatial, and laboratory/field testing projects, with a final balanced operating budget of $8 million. The branch provided in-country support to Engineer Research and Development Center for railroad inspections on Air Force installations, teamed with US-ACE in conducting environmental evaluations of U.S. military installations in Japan for Defense Logistics Agency, assisted with geospatial data analysis/presentation needs during contingency exercises, and collaborated with Engineer Research and Development Center to evaluate the A-511 Airfield at Humphreys Garrison during CY14. The branch continued to advise the state department on site conditions and project boundary issues related to the new U.S. Embassy Compound to be constructed on Camp Coiner in the future.

In the area of community outreach, branch members have been key participants in initiating and implementing the district’s educational partnership agreement with Department of Defense Independent Schools Korea, which centers on the Science, Technology, Engineering, and Math program. The branch organized and conducted several STEM-related events with high/middle schools during CY13, which included classroom presentations, laboratory tours, STEM Shadow opportunities, a toothbrush bridge design contest, and technical support for a high school student’s environmental research project. The section followed through during FY13, the Section conducted environmental and safety training was maintained staff certifications (e.g., Hazardous Waste Operation and Emergency Response, and Asbestos Hazard Emergency Response Act certifications). Recertification actions were initiated in late CY13 for the Branch Environmental Testing Laboratory through the American Industrial Hygiene Association (asbestos testing) and the National Environmental Lab Accreditation Program (chemical testing).

The Water Well Services Section provided highly professional and timely services to USFK installations for maintenance and development of groundwater resources, having been responsible for these mission-critical operations since 1966. During FY13, the Section conducted preventative and emergency maintenance on a total of 149 wells on 25 Army, Air Force, and Navy installations, to include USAG Humphreys, providing approximately six million gallons of water per day for basic facility use. Section staff assisted the Environmental Section in conducting aquifer testing and groundwater sampling in support of hydrogeologic investigations and preparation of wellhead protection plans for Camp Walker and Camp Carroll. The section drilled an additional well at the Rodriguez Range for non-potable facility use. Section staff also applied the Section’s drilling and sampling expertise to support various geotechnical and environmental site investigations throughout CY13.

The Data Management Section supported the branch, the district, and

Geotechnical and Environmental Engineering Branch
Korea Relocation Technical Support Branch

In 2013 Korea Relocation Technical Support Branch has been fully engaged in all Yongsan Relocation Program, Land Partnership Plan, Military Construction, Republic of Korea Funded Construction, ROKFC-in-Kind, and Operation and Maintenance projects located in USAG Humphreys. KRTSB provided design management and served as the primary point of contact on design-related issues for these projects, working hand-in-hand with Korea Programs Relocation Office project managers. The KRTSB team consists of 18 design managers, two engineering support assistants, a program analyst, an engineering technician, and a branch chief. Our main office is in the FED Compound with a forward office at the Program Management Office at Pyeongtaek.

During the 2013 calendar year, KRTSB continued to focus on completing Criterion Packages with a total Estimated Construction Cost of $160.2 million, ROKFC-in-Kind and ROKFC designs with a total of $385.7 million. KRTSB design managers also provided the interface between U.S. reviewers and the Korean architect-engineers during development of the detailed designs of the Criterion Packages that were completed in 2013 included the Commander Naval Forces Korea Headquarters in Busan and the Downtown senior living quarters among others. For the ROKFC-funded and ROKFC-in-Kind projects, mainly Area I through IV, Co-locate Engineering Squadrons, Kunsan Air Base; archiving environmental investigation project reports and GIS data collection for Army Environmental Command through Army Installation Center, Eighth Army/Commander Naval Forces Korea/U.S. Army Installation Management Command-Pacific Headquarters, One Stop Processing Center and the Second Infantry Division Headquarters. The U.S. Korea Command and Eighth Army/Commander Navy Region Korea/U.S. Army Installation Management Command-Pacific Headquarters projects were two Enhanced Criterion Packages that were developed into detailed designs by Korean architect-engineers. The U.S. Korea Command Operations Center and 2nd Infantry Division Headquarters were 100 percent U.S. designs. Other 100 percent U.S. designs that were completed in 2013 included the Commander Naval Forces Korea Headquarters in Busan and the Downtown senior living quarters among others. For the ROKFC-funded and YRP-funded Land Development, Utilities, and Infrastructure projects, we have been involved in updating the designs for roads and main utility lines to incorporate the 2011 USAG Humphreys Master Plan.

KRTSB’s mission is to manage the designs prepared by Status of Forces Agreement Architect/Engineer contractors and district in-house staff. We gather applicable technical criteria and standards and determine technical support requirements. We work as the technical review of design submittals and track and facilitate resolution of review comments from the various stakeholders, including U.S. Army Corps of Engineers Centers of Standardization, Centers of Expertise, and Hawaii District Regional Technical Center. We oversee the Leadership in Energy and Environmental Design documentation throughout the design process to ensure that the new buildings will be environmentally friendly. We help ensure quality and timeliness of projects that are within budget throughout the design process.

FED is responsible for preparing 100 percent designs on all MILCON, ROKFC and ROKFC-in-Kind projects.

For most YRP-funded projects, FED prepares Criterion Packages (30 percent design) or Enhanced Criterion Packages (60 percent design) which go to the ROK government who then contracts out to ROK local Architect/Engineer firms to prepare detailed designs up to 100 percent completion. KRTSB works with the ROK design team during the detailed-design phase.

Technical Review Branch

In FY13, the Technical Review Branch made significant contributions in its continued support of the Far East District’s military design and construction mission and contingency readiness program. In total, over 290 quality assurance design reviews were performed, spanning various programs to include the Yongsan Relocation Plan, Land Partnership Plan, Republic of Korea Funded Construction-in-Kind, Operation and Maintenance and Military Construction-in-Kind Army projects, and special project such as Special Operations Command Korea relocation project. By the end of FY13, most of the Criterion Package production was completed, and detail drawings developed by the local architect-engineers were turned over to the construction contractors. In addition, the branch provided design management services and lent their technical expertise in various forums, exhibitions and workshops. Implementation of an electronic review tool contributed in promoting better, efficient review processes and communications between all parties involved.

In an effort to promote localization of off-shore construction materials required for the U.S. Forces Korea base relocation program, 2013 Local Construction Materials Exhibition was held in at Seoul Trade Exhibition and Convention, Seoul on May 7, 2013. In this exhibition, over 90 local construction materials manufacturers participated and displayed approximately 120 of their products. Ministry of National Defense U.S. Forces Korea Relocation Office, Far East District, Land and Housing, Project Management Consortium, the branch and local materials manufacturers, and foreign construction companies made collaborative efforts in seeking qualified local materials that satisfy requirements of the DoD facility standards and criteria. Afterward, the branch published an updated approval list of local materials list every three months upon continued collaborative review processes among Quality Assurance Branch, specifications department and the branch. The branch also participated in the monthly USAG materials review meetings to further discuss this issue.

The branch collaboratively worked with Regional Technical Center in sharing workloads, the latest technical guidance and other code requirements. The branch frequently sought technical guidance and expertise from the Center of Expertise and Center of Standardization in order to provide most accurate and up-to-date code and criteria information. TRB often assisted the district and Program Management Consortium project managers and design managers in verifying appropriate requirements and applicable codes for each and every project.

To resolve the technical issues at the construction sites, technical reviewers attended the site visits, job-site inspections and clarified technical requirements and requests for information to avoid construction delays and increase in project cost. The branch was also instrumental in performing construction submittal (F-4025s) and shop drawing reviews as well as pre-final inspections for fire protection and structural engineering applications to ensure safe and usable facilities.

Lastly, Design Management Section successfully assumed a leadership role in design management by earning Certification Officer’s Representative appointments for various funded projects throughout the Korean Peninsula mainly Area 1 through IV, Co-locate Air Base, Kunsan Air Base, and Osan Air Base. The section managed thirty-five design projects to include twenty-one CY13 and CY14 ROKFC-in-Kind projects, managed design review comment close-out processes by conducting On Board Reviews, performed as Contracting Officers Representative, evaluated architect/engineer performance, and performed partial and final payments to architect/engineers. Additional design management responsibilities included processing over 260 requests for information from resident offices. This involved close coordination with Status of Forces Agreement architect/engineers and Engineering Division’s in-house design branch.

The section attended monthly line item review meetings with departments of public works and base civil engineering to provide updates on outstanding issues and current status of projects.
FY13 DoDEA, Replace Elementary School, Osan Air Base

Construct a 21st century criteria compliant two-story elementary school with a single story high bay area to include an auditorium and multipurpose room (gym/cafeteria.) The project includes site improvements such as fencing, paving, landscaping, covered walkways, exterior lighting, utilities, playground systems, staff and visitor parking, internal site circulation for buses and cars, service drive and delivery area.

- **Contractor:** Ilsung Construction Co., Ltd.
- **Date of Award:** Sept. 30, 2013
- **Total Contract Amount:** $29,187,221.80

FY13 DoDM, Medical/Dental Clinic Addition, Kunsan Air Base

Construct a new Medical/Dental clinic addition at the existing Kunsan Air Base to provide outpatient, ancillary services, administrative functions, bioenvironmental engineering, mental health, and education and training spaces. Supporting facilities include utilities, site improvements, parking, access roads, signage and environmental protection measures. The project will be designed in accordance with the criteria prescribed in Unified Facilities Criteria 4-010-01, DoD Minimum Antiterrorism Standards for Buildings, barrier-free design in accordance with DoD, “ABA (Architectural Barriers Act) Accessibility Standard” and Deputy Secretary of Defense Memorandum “Access for People with Disabilities” dated Oct. 31, 2008, Evidence Based Design principles, Medical Health Standards world class checklist requirements (version 2.0, 2011), Executive Order 13514, DoD Strategic Sustainability Performance Plan, Energy Policy Act of 2005, and other applicable codes and regulations. The project will be designed to Leadership in Energy and Environmental Design (LEED) 3.0 Silver Certified rating standard.

- **Contractor:** Yuil Engineering & Construction Co., Ltd
- **Date of Award:** June 5, 2013
- **Total Contract Value:** $8,544,049.17

FY13 DoDM, Hospital Addition/Alteration, Osan Air Base

Construct an addition and alteration to the existing Osan Hospital to provide a modern facility for delivering medical care to members and beneficiaries at Osan AB. The new addition and altered areas will provide family practice, pediatrics, OB/GYN, optometry, immunizations, physical therapy, dental clinic, warehouse, and administrative support for the 51st Medical Group. Supporting facilities include utilities, site improvements, parking, access roads, signage and environmental protection measures. The project will be designed in accordance with the criteria prescribed in Unified Facilities Criteria UFC 4-510-01, DoD Minimum Antiterrorism Standards for Buildings, UFC 4-010-01, barrier-free design in accordance with DoD, “ABA (Architectural Barriers Act) Accessibility Standard” and Deputy Secretary of Defense Memorandum “Access for People with Disabilities” dated 10/3 2008, Evidence Based Design principles, Military Health System World Class Checklist Requirements (version 2.0, 2011), Executive Order 13514, DoD Strategic Sustainability Performance Plan, Energy Policy Act of2005, and other applicable codes and regulations. The project will be designed to Leadership in Energy and Environmental Design (LEED) 3.0 Silver Certified rating standard.

- **Contractor:** Seohee Construction, Co., Ltd.
- **Date of Award:** Sept. 26, 2013
- **Total Contract Amount:** $22,361,380.34

**CONTRACTING DIVISION**

Contracts Branch: Construction Section

**CY07 YRP, SPARTAN Site A**

Construction of a U.S. Department of Defense Sensitive Compartmented Information Facility. This new 10,500 square foot one-story building contains administrative office space, data center, and utility plant with medium voltage electric power transformer, generators, uninterruptible power supplies, chillers, and fire protection system. Project also includes the installation of anti-ram barrier, perimeter fencing, and other measures to protect the new facility in accordance with DoD Antiterrorism/Force Protection requirements.

- **Contractor:** ECC International, LLC
- **Date of Award:** Feb. 19, 2013
- **Total Contract Amount:** $21,778,166

**CY10 U.S. Korea Command Operations Center (Site Preparation Phase), USAG Humphreys**

The site preparation phase includes excavation, dewatering, slurry walls, building subdrainage system, tension piles and miscellaneous site work. Floor area: Approximately 20,400 square meters. Excavated volume: Approximately 442,500 cubic meters. This construction phase will prepare the site to support the building construction phase within the excavated site.

- **Contractor:** Daelim Industrial Co., Ltd.
- **Date of Award:** May 10, 2013
- **Total Contract Amount:** $19,513,339.45

**FY13 MCA, Battalion Headquarters Complex, USAG Humphreys**

Construct a standard design Battalion Headquarters Complex. Primary facilities include a standard design Battalion Headquarters with classrooms, Company Operations Facility with covered hardstand, Vehicle Maintenance Shop, organizational vehicle parking, organizational storage, oil storage, and hazardous waste storage. Sustainability/Energy Measures will be provided. The facilities will include installation of Intrusion Detection system, Building Information system, special foundations, and connection of the Energy Monitoring and Control system and fire/smoke detection and suppression systems. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping, signage and oil water separator. Heating and air conditioning will be provided by self-contained system. Measures in accordance with DoD Minimum Antiterrorism for buildings standards will be provided.

- **Contractor:** Hyosung Corporation
- **Date of Award:** May 14, 2013
- **Total Contract Amount:** $25,852,760.80
**Purchase Branch: Services Section**

**IDIQ Multiple Award Task Order Contract for Environmental Services, Korea-Wide**

The contract provides a full suite of environmental services to support the various environmental programs and initiatives undertaken by the DoD and other U.S. government interests in Korea. The range of services is extensive, including environmental compliance, pollution prevention, and remediation. The services will be specified in the task order and may include site survey, data collection and management, plan development, sampling and analytical testing, remedial investigation and field studies, engineering support and remedial design, remedial action, response action, removal, operation and maintenance, removal, replacement and upgrade of fuel storage tanks and oil water separators, tank system tightness testing, asbestos survey, reporting, and abatement.

- **Contractor:** APEC and Daebo
- **Date of Award:** Nov. 21, 2013
- **Total Contract Value:** $10,000,000

**Replace Overhead Coiling Door at Drill Rig Shelter, FED Compound**

As a result of a vehicle accident, the drill rig overhead door was damaged and made inoperable. Through a joint effort between multiple divisions from the district, the door was repaired and replaced in order to restore the building’s functionality.

- **Contractor:** Interfurs
- **Date of Award:** Sept. 24, 2013
- **Total Contract Amount:** 53,700,000 Won

**Contracts Branch: Relocation Section**

**Administrative and General Management Services for Yongsan Relocation and Land Partnership Plan**

**Joint Task Order 23B for Program Management Services**

Program Management services provide both Korean and U.S. governments with business management, contracts management, finance, accounting, program assurance, risk management, safety management and security management for the overall USFK Base Relocation program and operation.

- **Contractor:** K-C PMC
- **Date of Award:** Dec. 11, 2012
- **Award Amount:** $12,292,286

**Joint Task Order 24B for C4I Program Management Services**

Command, control, communications, computers and intelligence (C4I) program management services include program leadership and project-level management services to both Korean and U.S. governments in support of Command, Control, Communications, Computers and Intelligence for the LPP and YRP projects. The C4I services also include management oversight of the scale of complex, and unclassified technical work across many different systems, platforms, facilities and networks.

- **Contractor:** K-C PMC
- **Date of Award:** Dec. 11, 2012
- **Award Amount:** $6,270,339

**Purchase Branch: A&E Section**

**CY10 YRP, BCTC Simulations Center SCIF, USAG Humphreys**

Design for a 978 square-meter prefabricated modular Secure Compartmented Information Facility for the communications and network security functions of the Battle Command Training Center Simulations Center. The primary purpose of the facility is to relocate the existing combined battle simulations facility and functions for TREND/CJ37 exercise and NEO facilities located at Yongsan Garrison. It will provide operations office, secure communications equipment and secure access control to support unit mission. The facility will be located adjacent to the BCTC, which houses the primary facilities for conducting computer driven battlefield simulation exercises to division level with links to other BCTC’s a battle simulation center, exercise planning and coordination center, Non-combatant evacuee operations center, Training, Readiness, Exercise, (TREND) (CJ37) center and a large video conference center.

- **Contractor:** AMKOR
- **Date of Contract Award:** Jan. 2, 2013
- **Total Contract Amount:** $1,267,688
FY14 DoDEA, MILCON, Replace Daegu Middle/High School, Camp Walker

Design for a two-story middle/high school to provide adequate academic facilities for 525 students in grades 6 to 12, based on school year 2015. Facilities will be designed in accordance with Department of Defense Dependents Schools Education Facilities Specifications, Americans with Disabilities Act Accessibility Guidelines/Architectural Barriers Act, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards. It will replace the existing interim middle and high School facilities at Daegu American School and Camp George by constructing a new consolidated middle/high school facility at Camp Walker.

- Contractor: MMI
- Date of Contract Award: Dec. 11, 2012
- Total Contract Amount: $2,898,379

FY16 MILCON, Korea Air Operations and Combined Operations-Intelligence Center, Osan Air Base

Design for a combined Korea Air Operations Center utilizing conventional design and construction methods to accommodate the mission of the facility. The facility will be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques will be used where cost effective and comply with Intelligence Community Directive 705 requirement. The facility will also be able to withstand wind loads and seismic effects as prescribed in applicable codes and design guides. It will comply with DoD force protection requirements per Unified Facilities Criteria. The facility consists of a multi-story hardened concrete structure partially below ground.

- Contractor: TJD
- Date of Contract Award: Sept. 25, 2013
- Total Contract Amount: $745,550 (Design charrette amount)

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 reviewed, analyzed, interpreted, and ensure emphasis on all Chief Financial Officers issue to ensure fiscal propriety and legality of funds cited. With the surge in workload, we accepted $506.5 million for project execution from the following sources:

- Tier I – 540 (259 DAC / 255 KN / 26 Military); Tier II – 19 intern, Property Management Office Services contractors, Korea Service Corps.

With the surge in workload, we accepted $506.5 million for project execution from the following sources: $107.7 million direct funds ($107.2 million were for military construction projects) and $398.8 million reimbursable funds ($238.4 million were for host nation project cost transfer support and approval, property, plant and equipment, unliquidated obligations dormant for 240 days and Accounts Payable.

During this year, we reached new highs with a manpower end strength of 559 with the following breakdown: Tier I – 540 (259 DAC / 255 KN / 26 Military); Tier II – 19 inter, Property Management Office Services contractors, Korea Service Corps.

The actual workload and income comprised of $532 million of construction placement, $86 million of AE and other contract, and $75 million of in-house supervision and administration and planning and design cost.

As a result, the undistributed balance or net results of operations ended the year with $151,200 positive balance which was within the consolidated command guidance nominal range of +/- $246,600, or a green rating.

For our fund control process, during the unliquidated obligations phase I, II, III, and IV reviews, the district reviewed $1,365,449,329.91, $467,230,874.47, $1,346,667,100.22, and $1,337,832,192.84 balances respectively. In all four phases, RM successfully reviewed and adjusted $21,850,269.79 of the total balance of $4,517,179,407.44 or 2,909 adjusted transactions. The following is a recap of the total reviewed items: total reviewed = 14,273 valued at $4.517 billion; cancelling appropriations items reviewed = 251 valued at $5.9 million; inactive items = 1,639 valued at $1,789.0 million; less than $100 and 90 days and older items = 693 valued at $31,873.10; inter-agency items = 379 valued at $39.7 million; expired items = 2,877 valued at $256.7 million; other items = 8,434 valued at $2,425.0 billion; adjusted items = 2,909 valued at $21.9 million.

In addition, we continue to serve as subject area expert for U.S. Army Corps of Engineers regarding Republic of Korea funded construction limited depositary account and foreign currency issues. We continue to maintain our funds and budget process and ensure that funds accepted from the host nation through U.S. Forces Korea is in accordance with generally accepted accounting principles and with the burden sharing and relocation statutes/10 USC 2350/10 USC 2350k.