



US Army Corps
of Engineers®
Far East District

EAST GATE EDITION



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Year in Review 2014

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On the cover



The 10-story barracks building on Camp Henry in U.S. Army Garrison Daegu completed in Nov. 2014 is now the tallest structure in all of Area IV. (Photo courtesy of FINE Construction)



Col. Bryan S. Green

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

This annual Year-in-Review is provided to you, our customers and stakeholders, to show the many significant projects that have either begun, continued or were completed during 2014.

What a dynamic year this has been for the Far East District! As of March 1, 2015 about 54 percent of the Yongsan Relocation Plan and 66 percent of the Land Partnership Plan is complete. This is part of a \$15 billion dollar program over nearly a decade of work.

For Fiscal Year 2014 alone, our Contracting Division awarded a total of 816 actions totaling \$308.5 million. We awarded the last action, a \$64,855 contract 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 our active project list shows the scope of the work the district is responsible for, from the massive military construction at U.S. Army Garrison Humphreys, to work at Osan and Kunsan Air Force bases, to other projects at various U.S. and Republic of Korea bases throughout the peninsula.

In Area I, a majority of the projects took place at Detachment L on top of Yawol mountain. These

projects mostly included work to correct electrical deficiencies and repair existing roadways. The district also completed construction on a new facility at the Rodriguez Live Fire Complex, further improving the training environment for our forces on the peninsula.

In the greater Seoul area and Area II, the district was tasked to build replacement facilities for the Republic of Korea Special Warfare Command in Icheon. Ongoing projects at U.S. Army Garrison Yongsan include repair work on access control point barriers and a barracks renovation project which will include the replacement of lighting fixtures, floor tiles and other safety and quality of life items.

In Area III, many projects at U.S. Army Garrison Humphreys have been rapidly progressing in support of the Yongsan Relocation and Land Partnership Plans. Two major groundbreaking projects were the 2nd Infantry Division Headquarters and the Downtown Exchange and Commissary, while construction was completed on the new Morale, Welfare and Recreation Child Development Center. By summer 2015 there will be more than 16,000 construction workers on site. About 57 percent of the work there has been completed, and that percentage will continue to rapidly rise throughout the coming year.

At Osan Air Base construction on a joint senior noncommissioned officer dormitory finished on schedule. The district is also in the process of renovating and adding approximately 26,000

square feet to the existing base hospital. Work on the runway expansion continued to progress and is set to be completed sometime in 2015.

At Kunsan Air Base the district completed a major repair on the runway and taxiways during the fall of 2014. Construction is also set to be completed on a security forces facility and a two-story communication squadron facility by the end of 2015.

In Area IV, the southernmost section of the peninsula, construction was completed on the new Fleet and Family Town Center at Commander, Fleet Activities, Chinhae, which opened in Jan. 2015. Construction on the U.S. Naval Forces Korea headquarters at Busan is scheduled to be completed later this year.

The Far East District also continues to support annual joint and combined forces exercises on the Korean peninsula and overseas contingency operations, deploying employees to Afghanistan for reconstruction efforts.

There will be no time to rest on our laurels as we have moved from the design phase to the construction phase on many of our largest projects. I have no doubt our dedicated workforce of U.S. and Korean personnel will continue to be ready for this year's challenges as we continue to support U.S. Forces Korea in 2015 and beyond.



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Total Program **57%**

LDUI

76%

YRP

54%

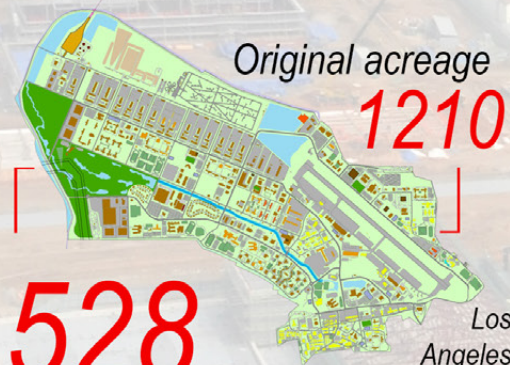
LPP

66%

Projects Turned Over

25

\$10.7
Billion total value



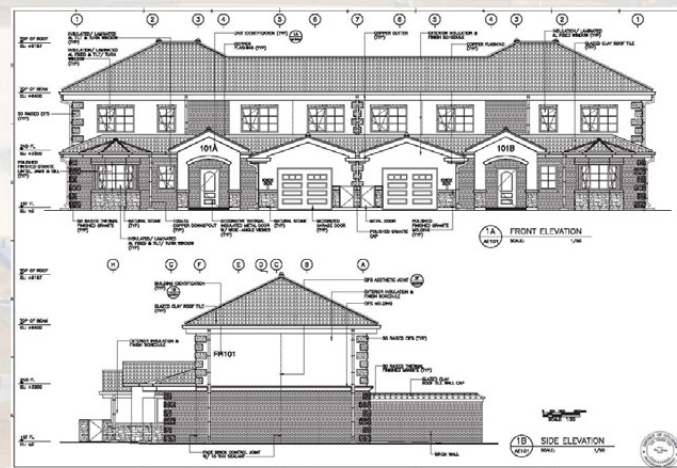
3,528
New total acreage

Los Angeles International Airport is **103** acres smaller

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 **29** million square feet.

Approximate number of workers on site by July 2015: **16,000**



Senior Officer Housing

Construction start: Oct. 31, 2013
Expected Completion Date: Early 2016

Scope of Project: Construct ten multi-story two-family townhouses (20 units) to accommodate Colonel (O-6) or Commander-level military personnel and their families. Each townhouse family unit will have four bedrooms, direct entry access from the exterior, individual driveway with one-car garage or carport, exterior storage, adjacent visitor parking, fenced-in private yard with patios and BBQ grill area.



Exchange and Commissary

Construction start: September 2014
Expected Completion Date: Summer 2016

Scope of Project: Downtown Exchange and Commissary project includes 11 buildings and parking structures: includes the exchange, commissary, auditorium, bowling center, chapel, etc and numerous support structures. The construction notice to proceed was given on June 2, 2014. Groundbreaking was Aug. 11, 2014.

Hospital and Ambulatory Care Center

Construction start: Nov. 2012
Expected Completion Date: Late 2016

Scope of Project: The completed medical campus will be able to support 65,000 eligible beneficiaries and 5,000 annual inpatient admissions. The outpatient wing will support 200,000 annual patient visits.



Middle and Elementary School

Construction start: June 2013
Expected Completion Date: Early 2016

Scope of Project: Completion of two more schools for U.S. Army Garrison Humphreys. Concrete work for the schools is completed.

2nd Infantry Division Headquarters

Construction start: April 2014
Expected Completion Date: Mid-2016

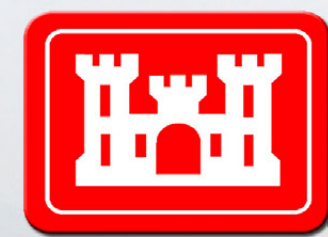
Scope of Project: The 2nd Infantry Division's new headquarters will include an operations center, network operation center, administrative facilities and a parade ground.



Dental Clinic

Construction start: July 2012
Expected Completion Date: Spring 2015

Scope of Project: The completed dental clinic will be able to support the military population at U.S. Army Garrison Humphreys. Its parent organization, the Theater Dental Command provides operational dental services on an area support basis during armistice to all authorized USFK personnel within the Korean Theater of Operations.



*Updated as of
March 2, 2015*

Downtown Area
10 percent complete

Senior Leader Quarters
58 percent complete

Middle and Elementary School
76 percent complete

Dental Clinic
97 percent complete



*57 percent
Overall Progress
Korea Relocation Program*

2nd Infantry Division HQ
13 percent complete

Hospital and Ambulatory Care Center
38 percent complete



2014 Active Project List

Location	Program	Project Name	Phase	Design	Construction
Busan	2015	Repair/Renovate Pier# 8	Design	80%	
Busan	2014	Repair Joint Rigging Facility	Design	100%	
Busan	2019	W-House Facility Humidity Controlled	Design	80%	
Busan	2012	CNFK HQ SCIF in ROK Naval Base	Design	6%	
Busan	2012	Install Shore Power	Construction	100%	99%
Busan	2011	CNFK HQ in ROK Naval Base	Construction	100%	79%
Carroll	2014	Repair Bldg 671	Design	100%	
Carroll	2014	Repair/Upgrade Warehouse, Bldg 673	Design		
Carroll	2014	Repair/Correct Safety Hazard, Bldg 620	Design	100%	0%
Carroll	2015	Repair/Correct Safety Hazards (Bldg 605)	Design		
Carroll	2015	Repair/Correct Safety Hazards (Bldg 606)	Design		
Carroll	2015	Repair/Upgrade Bldg 674	Design		
Carroll	2005	H-805 Relocation - Camp Walker to Carroll	Design	95%	0%
Carroll	2015	Heating System Bldg 607 & 608	Design	30%	
Carroll	2015	Resurface Concrete Paving, Area #92	Design	60%	
Carroll	2016	Battery Shop	Design	90%	
Carroll	2017	Replace APS-4 Maintenance Shop	Design	30%	
Carroll	2014	Area IV YRP - UEPH, BN & CO OPS HQs	Design	36%	
Carroll	2013	Repair Ceiling Bldg 605 & 606	Construction	100%	3%
Carroll	2014	Repair Cargo Yard Bldg 630	Construction	100%	3%
Carroll	2012	CAP 072650 Barracks and Vehicle	Construction	100%	62%
Carroll	2013	Repair/Upgrade BOC Office Bldg 912	Construction	100%	10%
Carroll	2014	Buildings 970, 230, and 909	Construction	100%	14%
Carroll	2014	Repair/Upgrade AFSB Facilities	Construction	100%	6%
Carroll	2014	Repair/Upgrade Bldg# 985	Construction	100%	3%
Casey	2014	SRM Projects, Pkg 10	Design	80%	
Casey	2014	SRM Projects, Pkg 11	Design	80%	
Casey	2014	SRM Projects, Pkg 8	Design	80%	
Casey	2014	SRM Projects, Pkg 9	Design	80%	
Casey	2013	Elec Deficiencies DET L, Yawolsan	Construction	100%	100%
Casey	2013	Repair Road Ways, DET L, Yawolsan	Construction	100%	100%
Casey	2014	Repair Roadway, A/C Units & Fence, DET L,	Construction	100%	9%
Chinhae	2014	Consolidated Comm Facility	Design	100%	

Chinhae	2016	SOF Operation Facility & Barracks	Design	20%	
Chinhae	2009	Fleet and Family Town Center	Construction	100%	100%
CP Tango	2014	Assessment for Portal B & C	Design		
CP Tango	2014	Install Various Systems	Design	100%	
CP Tango	2014	Repair Existing CPS Study	Design	30%	
CP Tango	2014	Stream Channel	Design		
CP Tango	2014	Tunnel Zero Rock Ceiling	Design	30%	
CP Tango	2015	Master Plan	Design		
CP Tango	2014	Repair 2 Ea Helipads	Construction	100%	0%
Daegu	2014	Housing Fair Market Value	Design	80%	
Daegu	2014	Inspect Elect Safety Deficiencies	Design	30%	
Daegu Air Base	2015	Repair Bldg 490	Design	30%	
Daegu Air Base	2015	Repair Dining Facility B-415	Design	30%	
Daegu Air Base	2014	Operation Complex	Design	20%	
Daegu Air Base	2017	Upgrade Water Distribution System	Design	99%	
George	2015	Replace Roof Bldg# 3000	Design	75%	
Henry	2015	Repair/Replace Playground (ES/MS)	Design	0%	
Henry	2016	Electrical Distribution Upgrade	Design	30%	
Henry	2012	CAP 076235 Barracks with DFAC	Construction	100%	99%
Henry	2013	Repair/Upgrade Substation	Construction	100%	96%
Henry	2014	Repair TOC	Construction	100%	
K-16	2014	Replace Deteriorated Concrete Ramp	Design		
K-16	2014	Various Repair & Upgrade	Design		
K-16	2014	Repair B-402 to Visitor Center	Construction	100%	0%
Kunsan Air Base	2014	Assessment of POL, DFSP	Design		
Kunsan Air Base	2015	Construct 3rd Generation HAS (Ph 1)	Design	100%	
Kunsan Air Base	2015	Construct 3rd Generation HAS (Ph 2)	Design	100%	
Kunsan Air Base	2015	Construct Aircraft Rinse Facility	Design	100%	
Kunsan Air Base	2015	Flow-Through HAS	Design	100%	
Kunsan Air Base	2015	Munitions Inspections	Design	100%	
Kunsan Air Base	2016	Upgrade AT/FP Measures at Gates	Design	97%	
Kunsan Air Base	2017	Construct 3rd Generation HAS (Ph 3)	Design	99%	
Kunsan Air Base	2017	Transient Aircraft Parking	Design	30%	
Kunsan Air Base	2018	New Commercial Gate	Design	100%	
Kunsan Air Base	2018	Upgrade Elec. Distribution System	Design		
Kunsan Air Base	2013	CAP 072420 Clinic Replacement	Construction	100%	90%
Kunsan Air Base	2013	Renovate Dormitory #339	Construction	100%	100%

Location	Program	Project Name	Phase	Design	Construction
Kunsan Air Base	2013	Repair Dormitory B-1407	Construction	100%	100%
Kunsan Air Base	2013	Repair Dormitory B-1408	Construction	100%	99%
Kunsan Air Base	2014	Ground Source Heat Pump	Construction	100%	2%
Kunsan Air Base	2014	Repair Bldg 1305	Construction	100%	0%
Kunsan Air Base	2014	Repair Fire Protection System B-2242	Construction	100%	11%
Kunsan Air Base	2014	Upgrade Fuel System Repair Shop B-2257	Construction	100%	25%
Kunsan Air Base	2012	Munitions Storage Igloos	Construction	100%	86%
Kunsan Air Base	2013	35/80th AMU Equipment Storage	Construction	100%	58%
Kunsan Air Base	2013	Add to 35th AMU	Construction	100%	58%
Kunsan Air Base	2013	Aircraft Arm/De-arm Pad	Construction	100%	46%
Kunsan Air Base	2013	Comm Squadron Facility	Construction	100%	40%
Kunsan Air Base	2013	Munitions Maintenance Facility	Construction	100%	36%
Kunsan Air Base	2013	Security Forces Facility	Construction	100%	30%
Mujuk	2015	Preparation of DD1391 for Construct III MEF HQ	Design	100%	
Mujuk	2016	400 Person Open Bay Billeting, Ph I	Design	10%	
Osan Air Base	2016	Repair PAX Terminal B-648	Design		
Osan Air Base	2016	ACE SMYU023005 KOREA AIR SPACE OPS & COMBAT OPS-INTEL CEN	Design	15%	
Osan Air Base	2015	Expand MED Group Lab Facility B-747	Design	90%	
Osan Air Base	2015	Repair HVAC Sys for PAC House B-733	Design	92%	
Osan Air Base	2016	Repair Officer Dorm B-929	Design		
Osan Air Base	2016	Repair Airmen Dorm B-1348	Design		
Osan Air Base	2016	Repair CPS System Multiple Dorms	Design		
Osan Air Base	2016	Repair HVAC War Gaming Center B-946	Design		
Osan Air Base	2016	Repair TSP Supporting Dorm B-930	Design	0%	
Osan Air Base	2013	Fence (for) Land Acquisition	Design	100%	
Osan Air Base	2014	Munitions Storage Area Alpha	Design	100%	
Osan Air Base	2014	Replace Main Runway	Design	80%	
Osan Air Base	2015	607th ASOG & SOCKOR	Design	99%	
Osan Air Base	2015	Aircraft Fuel System Maintenance Dock	Design	95%	
Osan Air Base	2015	Base Perimeter Defense System	Design	99%	
Osan Air Base	2015	Construct Small Arms Range Complex	Design	100%	
Osan Air Base	2015	HAZMART Relocation	Design	100%	
Osan Air Base	2015	Morin Gate ECF	Design	99%	
Osan Air Base	2016	694th ISRG Secure Storage Area	Design	30%	
Osan Air Base	2016	Korea Air and Space Operations Center (KAOC)	Design	15%	

Osan Air Base	2016	Upgrade/Repair Comm HQ B-949	Design	15%	
Osan Air Base	2017	Air Freight Terminal	Design		
Osan Air Base	2017	Construct F-16 Quick Turn Pad	Design		
Osan Air Base	2017	Expand 5th RS Operations	Design		
Osan Air Base	2017	Main Gate ECF	Design		
Osan Air Base	2017	Munitions Storage Area Delta (Ph 1)	Design	95%	
Osan Air Base	2017	Munitions Storage Area Delta (Ph 2)	Design	95%	
Osan Air Base	2018	Upgrade Elec Dist East Ph 2	Design		
Osan Air Base	2018	Weapons Release System	Design		
Osan Air Base	2019	Aircraft Parts Distribution Center	Design	90%	
Osan Air Base	2020	Construct Chapel Center	Design	94%	
Osan Air Base	2020	Military Working Dog Kennel Facility	Design	90%	
Osan Air Base	2009	VIP Aircraft Area	Design	10%	
Osan Air Base	2006	Construct Second Runway	Construction	100%	0%
Osan Air Base	2013	Repair AMC Cargo Apron C	Construction	100%	50%
Osan Air Base	2010	Replace Hydrant Fuel System	Construction	100%	99%
Osan Air Base	2013	CAP 072419 Hospital Addition/Alteration	Construction	100%	27%
Osan Air Base	2013	Replace Elementary School	Construction	100%	29%
Osan Air Base	2011	Repair 13.8 KV Feeder Diamond B	Construction	100%	99%
Osan Air Base	2013	Repair Fire Protection System B-1729	Construction	100%	0%
Osan Air Base	2013	Repair of HVAC Sys in MFH Tower	Construction	100%	45%
Osan Air Base		Korea Storage Tanks Ph 3 Projs	Construction	100%	96%
Osan Air Base	2011	Construct 36 FS OPS/AMU Facility	Construction	100%	100%
Osan Air Base	2013	Aircraft Corrosion Control Facility	Construction	100%	30%
Osan Air Base	2013	Force Protection Operations Facility	Construction	100%	27%
Osan Air Base	2013	PMEL Facility	Construction	100%	49%
Pohang	2015	Engineering Study for Bunkers	Design		
Pohang	2016	Replace Bulk Fuel Transfer Pipeline	Design	10%	
Pohang	2009	Replace Aircraft Revetment	Construction	100%	99%
Red Cloud	2014	SRM Projects Pkg 3	Design	100%	
Red Cloud	2014	SRM Projects, Pkg 4	Design	100%	
Red Cloud	2014	SRM Projects, Pkg 5	Design	100%	
Red Cloud	2014	SRM Projects, Pkg 6	Design	100%	
Red Cloud	2014	SRM Projects, Pkg 7	Design	100%	
Suwon	2015	Repair Building 2214	Design	30%	
Suwon	2017	Type IV Hydrant Sys	Design	15%	
Suwon	2017	Upgrade Water Distribution System	Design	96%	

Location	Program	Project Name	Phase	Design	Construction
Humphreys	2010	EUSA Correctional Facility	Design	0%	
Humphreys	2015	Black Hat	Design	91%	
Humphreys	2013	Doppler VOR Site Preparation	Design	30%	
Humphreys	2013	Patriot Tactical (TAC) Site	Design	0%	
Humphreys	2013	UEPH Facility III	Design	8%	
Humphreys	2014	2 CAB Expanded Org Parking	Design	100%	
Humphreys	2014	Air Support Operations Sq Compound	Design	100%	
Humphreys	2014	Downtown SLQs	Design	100%	
Humphreys	2014	Landscaping Development	Design	99%	
Humphreys	2014	Small Arms Ammunition Warehouse	Design	0%	
Humphreys	2014	Unaccompanied Enlisted Personnel Housing I	Design	100%	
Humphreys	2014	Unaccompanied Enlisted Personnel Housing II	Design	100%	
Humphreys	2015	Bulk Fuel Storage Tanks & Pumps	Design	99%	
Humphreys	2015	MI Field Station	Design	99%	
Humphreys	2016	3rd MI BN Operation Area	Design	83%	
Humphreys	2016	Type II Aircraft Parking & Taxi lanes	Design	34%	
Humphreys	2017	Duplex Company Operations ZS	Design	41%	
Humphreys	2009	BCTC SCIF	Design	89%	
Humphreys	2009	Zoeckler Station Community Support	Design	100%	
Humphreys	2010	Small Arms Range	Design	99%	
Humphreys	2011	Animal Building & Others	Design	90%	
Humphreys	2011	Landscaping	Design	89%	
Humphreys	2012	Type II Aircraft Parking Apron, Surface	Design	23%	
Humphreys	2008	CAP 058784 Brigade HQs And Battalion HQs	Construction	100%	86%
Humphreys	2009	CAP 056666 Vehicle Maint Fac-C	Construction	100%	99%
Humphreys	2010	CAP 056656 Consolidated Vehicle	Construction	100%	99%
Humphreys	2010	CAP 058399 Vehicle Maint Fac	Construction	100%	99%
Humphreys	2013	CAP 076196 Battalion Headquarters Complex	Construction	100%	25%
Humphreys	2014	Army Family Housing - Senior Officers	Construction	100%	58%
Humphreys	2004	Land & Infrac Dev - Parcel 2A	Construction	100%	99%
Humphreys	2007	Utils & Infrac - Parcel 2A, 1 & K (New Land)	Construction	100%	73%
Humphreys	2008	C4I/Info Sys - Outside Plant Cabling	Construction	100%	0%
Humphreys	2008	Utils & Infrac for Existing Land	Construction	100%	66%
Humphreys	2009	Upgrade Power Distribution & Substation	Construction	100%	83%
Humphreys	2009	Water Upgrade (Existing Land) Ph1	Construction	100%	74%
Humphreys	2010	Downtown Area Distribution Node	Construction	100%	99%

Humphreys	2013	2ID HQ SCIF	Construction	100%	5%
Humphreys	2008	Airfield Operation Building	Construction	100%	100%
Humphreys	2009	NCO Academy and Transient UPH	Construction	100%	44%
Humphreys	2010	Child Development Center & Playground	Construction	100%	99%
Humphreys	2010	Consolidated HBCT HQ	Construction	100%	94%
Humphreys	2010	EUSA Barracks and 2-DFACs	Construction	100%	99%
Humphreys	2010	HBCT Barracks and DFAC	Construction	100%	98%
Humphreys	2010	Warrior Support ADN	Construction	100%	98%
Humphreys	2011	Fires Support VMFs II	Construction	100%	94%
Humphreys	2011	HBCT VMFs I	Construction	100%	91%
Humphreys	2011	Type II Aircraft Parking	Construction	100%	99%
Humphreys	2012	HBCT Barracks	Construction	100%	93%
Humphreys	2012	HBCT VMFs II	Construction	100%	99%
Humphreys	2012	HBCT VMFs III	Construction	100%	48%
Humphreys	2012	Simulation Center	Construction	100%	45%
Humphreys	2012	Soldier Troop Area Support	Construction	100%	60%
Humphreys	2012	Wash Facility and Drivers Training Course	Construction	100%	38%
Humphreys	2013	2ID HQ	Construction	100%	13%
Humphreys	2013	HBCT VMFs IV	Construction	100%	20%
Humphreys	2013	Small Unit Training	Construction	100%	18%
Humphreys	2014	VMF w/Company Operation (601)	Construction	100%	99%
Humphreys	2007	Parcel 2B-1 LDUI	Construction	100%	84%
Humphreys	2007	Parcel 2B-2 LDUI	Construction	100%	80%
Humphreys	2007	Parcel K Land Development	Construction	100%	100%
Humphreys	2008	Eighth Army / IMCOM HQ	Construction	100%	68%
Humphreys	2008	C4I/Info Sys - Outside Plant Cabling (ROK)	Construction	100%	51%
Humphreys	2008	Dental Clinic	Construction	100%	97%
Humphreys	2008	Hospital & Ambulatory Care Center	Construction	100%	38%
Humphreys	2008	Hospital Barracks and DFAC	Construction	100%	14%
Humphreys	2008	KORCOM HQ - Admin Facilities	Construction	100%	42%
Humphreys	2008	Phase III Facility	Construction	100%	44%
Humphreys	2009	AAFES Facilities	Construction	100%	9%
Humphreys	2009	Access Control Point I	Construction	100%	35%
Humphreys	2009	Access Control Points II (Quarry Gate)	Construction	100%	40%
Humphreys	2009	Army Family Housing - O6 & Commanders	Construction	100%	9%
Humphreys	2009	Army Family Housing-General Officers	Construction	100%	11%
Humphreys	2009	Band Training Facility, CAC & Multipurpose fields	Construction	100%	6%

Location	Program	Project Name	Phase	Design	Construction
Humphreys	2009	BCTC & Transient UPH	Construction	100%	14%
Humphreys	2009	Bulk Fuel Facility	Construction	100%	26%
Humphreys	2009	Communication Center	Construction	100%	27%
Humphreys	2009	Consolidated EUSA MSC HQs	Construction	100%	74%
Humphreys	2009	Consolidated Installation HQ Area	Construction	100%	16%
Humphreys	2009	EUSA Barracks	Construction	100%	90%
Humphreys	2009	EUSA VMF I	Construction	100%	75%
Humphreys	2009	EUSA VMFs II	Construction	100%	75%
Humphreys	2009	Family Housing Towers	Construction	100%	0%
Humphreys	2009	Golf Course and Facilities	Construction	60%	9%
Humphreys	2009	Installation VMF	Construction	100%	13%
Humphreys	2009	Main Post Club	Construction	100%	42%
Humphreys	2009	Middle School & Elementary School	Construction	100%	76%
Humphreys	2009	Midtown Community Support	Construction	100%	7%
Humphreys	2009	Midtown Medical Facilities	Construction	100%	26%
Humphreys	2009	Railhead Facility	Construction	100%	100%
Humphreys	2009	Televideo Center	Construction	100%	84%
Humphreys	2009	Troop Housing & ZS ADN	Construction	100%	99%
Humphreys	2009	Zoeckler Station SLQs	Construction	100%	33%
Humphreys	2010	Communication Center SCIF	Construction	100%	0%
Humphreys	2010	Downtown Business Park	Construction	100%	9%
Humphreys	2010	Downtown Exchange and Commissary	Construction	100%	10%
Humphreys	2010	KORCOM Operations Center	Construction	100%	6%
Humphreys	2010	Medical Brigade HQ & POV Parking Facility	Construction	100%	96%
Humphreys	2010	One Stop Processing Area	Construction	100%	44%
Humphreys	2010	Renovate Downtown SLQs	Construction	100%	4%
Humphreys	2010	Warehouse Area	Construction	90%	2%
Humphreys	2011	Medical Support Area	Construction	100%	2%
Humphreys	2014	Access Control Point III (Dodu-Ri Gate)	Construction	100%	0%
Various	2014	Install Water Treatment Devices	Design	30%	
Various	2014	Four (4) Signal Sites	Design	95%	
Walker	2015	CAP 081230 Family Housing New Construction	Design	100%	
Walker	2016	CAP 081427 Family Housing New Construction	Design		
Walker	2014	Replace MOGAS Tank	Design		
Walker	2015	Engineering Study for Camp Walker Lodge	Design		
Walker	2015	Storage Shed Bldg# 701	Design		

Walker	2014	Repair/Upgrade Health Clinic	Design	10%	
Walker	2014	Construct Middle/High School	Construction	100%	3%
Walker	2012	Upgrade HVAC Sys B-205	Construction	100%	100%
Walker	2014	Install a Generator & Install A/C	Construction	100%	1%
Walker	2012	Renovate Building, S-348	Construction	100%	23%
Yongin	2014	SOCKOR Relocation, Icheon	Construction	100%	
Yongpyong	2013	Install New Fac CACTF	Construction	100%	0%
Yongpyong	2013	Install New Fac, Black Hawk Village	Construction	100%	0%
Yongpyong	2013	Install New Fac, Cherokee Valley	Construction	100%	100%
Yongpyong	2013	Install New Fac, IPBA A-H & Manchu Hill	Construction	100%	0%
Yongpyong	2013	Install New Fac, Mohican Range	Construction	100%	0%
Yongpyong	2013	Install New Fac, Mortar FP C-1	Construction	100%	0%
Yongpyong	2013	Install New Fac, Navajo Range	Construction	100%	0%
Yongpyong	2013	Install New Fac, Watkins LTA	Construction	100%	0%
Yongsan	2014	IDIQ A-E Design for Area II	Design		
Yongsan	2014	Life, Safety & Health Inspection	Design		
Yongsan	2014	Replace Steam Line	Design		
Yongsan	2018	Seoul New Embassy Compound	Design	2%	
Yongsan	2014	Renovate Van Fleet Rm, Bldg 2462	Construction	100%	100%
Yongsan	2014	Repair ACP Barriers	Construction	100%	4%
Yongsan	2014	Repair Foyer Area B-2308	Construction	100%	0%
Yongsan	2014	Repair Multiple Deficiencies, DET J	Construction	100%	9%
Yongsan	2014	Repair Sewer System, B-1260	Construction	100%	0%
Yongsan	2014	Repair Water Storage Tanks	Construction	100%	93%
Yongsan	2014	Replace Fire Hydrant & Water Pipe	Construction	100%	100%
Yongsan	2014	Replace Heating Pipes, B-3560	Construction	100%	53%
Yongsan	2014	Replace Main Heating Pipes, B-2364	Construction	100%	0%
Yongsan	2014	Replace Sewer Line, Bldg 2660	Construction	100%	80%
Yongsan	2014	Replace Underground Water Pipes B-4200	Construction	100%	0%
Yongsan	2014	Replace Water Pipes, B-4384	Construction	100%	0%
Yongsan		R/R of USTs & Secondary Containment	Construction	100%	93%

AREA I PROJECTS

Install New Facility, Cherokee Valley, Rodriguez Live Fire Complex

This FY13 Job Order Contract Operations and Maintenance funded project of \$634,000 was started on Sept. 13, 2013 and completed on Sept. 16, 2014 by Seongbo Construction Co., Ltd.

The construction work of this project is to install an operation/storage building, ammo issue point, range tower, guard shack and two composting toilets with appropriate heating, ventilation, and air conditioning system and a power and lighting system.

Repair Roadways, Detachment L, Yawolsan

This FY13 JOC OMA project of \$316,890.60 was awarded on Sept. 24, 2013 and completed on July 30, 2014 by Seongbo Construction Co., Ltd. The project site is located on the top of Yawol Mountain.

The scope of work is to repair the existing road, upgrade the air conditioning unit, and extend the height of the security fence.



Range Tower, Cherokee Valley, Rodriguez Live Fire Complex



Guard Shack and Composting Toilet, Cherokee Valley, Rodriguez Live Fire Complex

Repair Roadway, Emergency A/C Units and Fence, Detachment L, Yawolsan

This FY14 JOC OMA project of \$803,000 started on Sept. 30, 2014 and is scheduled to be completed on Aug. 12, 2015 by Seongbo Construction Co., Ltd.

The project site is located on the top of Yawol Mountain.

The scope of work is to replace the existing concrete roadway, replace two air conditioning units and to replace the existing chain link fence so that a fence security system can be installed.

AREA II PROJECTS

MND, SOCKOR/SFD-39 and LSA Facilities

This construction contract is to provide replacement facilities and office spaces necessary to relocate Special Forces Detachment-39 (SFD-39) and Special Operations Command Korea (SOCKOR) Forward Headquarters to the new Republic of Korea Special Warfare Command (SWC) base at Icheon. This \$7.4 million project was awarded on July 1, 2014 and is scheduled for completion in summer 2015 as part of larger SWC relocation program from Songpa to Icheon. This project will construct the SFD-39 HQ building, parking spaces, washroom facility and LSA spaces (tent pads) to support daily and contingency operations. The HQ building will be equipped with facilities to support airborne operations and administrative functions.

Special Operations Command Forward HQ is co-located with SWC HQ for supporting the daily and contingency operations of the Special Operations Command.

OMA, Renovate Barracks B-1525 & 1526

This \$3.5 million FY11 Indefinite Delivery Indefinite Quantity Operations and Maintenance project was awarded to Kumsung Construction Co., Ltd. on Sept. 29, 2012. The partial renovation of each facility was completed on Feb. 20, 2014. Both facilities are 3-story buildings which will be used to house American and Korean soldiers stationed at Yongsan. Barracks 1525 consists of approximately 21 bedrooms with a public bathroom on each floor, whereas B-1526 consists of approximately ten bedrooms per floor with individual bathrooms. The renovation included the replacement of fan coil units, plumbing fixtures, lighting fixtures, floor tiles and roofing.

OMA, Removal of USTs/ Installation of ASTs

This approximately \$1 million FY13 OMA project was awarded on

Sept. 30, 2013 to Kolon Water & Energy. Completion is scheduled for May 23, 2015. The scope of work of this project is to remove old, deteriorated underground storage tanks and replace with new above ground storage tanks. Other tanks are to be repaired in place or removed only. A total of 28 tanks are included in Area II.

OMA, MRI Trailer Installation, B-7005

This \$350,000 FY12 JOC OMA project was awarded on March 15, 2013 and completed on Dec. 2, 2013 by Seong Bo Construction Co., Ltd. After the installation of the concrete pad and fences, the MRI trailer was able to successfully park next to the Brian Allgood Community Hospital and connected through a gangway. Doctors and technicians are now able to utilize the MRI to help those serving the U.S. military stationed in Yongsan, Korea and their family members.



Removal of USTs and Installation of ASTs

OMA, Install Turnstile, FED

The \$20,000 construction contract for this FY12 JOC OMA was awarded on May 29, 2013 and completed on Dec. 23, 2013. Due to fiscal constraints, the security booth at the rear gate of the Far East District Compound is locked. With the installation of the turnstile at the back gate, FED personnel can now utilize both gates when leaving the compound.

OMA, Place Concrete Pad, B-2666

This \$50,000 FY12 JOC OMA awarded to Seong Bo Construction Co., Ltd. over the period of Sept. 30, 2013 to Dec. 13, 2013. MARFOR-K requested to have a concrete pad behind building 2666 in order to place bike racks, bicycle storage lockers, and relieve the ongoing flood/mud/erosion problem. The project was delivered on time with customer satisfaction.

OMA, Renovate Van Fleet Room, B-2462

This \$150,000 FY12 JOC OMA project was awarded on March 13, 2014. The purpose of the conference room is to support the armistice and go-to-war functions of the Eight Army Headquarters. This renovation will also upgrade the capability of providing and receiving video tele-conferencing to/from head-

quarters and Commanders. The scope of work included raised floor systems, cable trays, conduits, new carpeting and guard rails. The project was successfully completed on June 5, 2014.

OMA, Replace Water Pipe, Camp Madison

This \$650,000 FY12 JOC OMA project was awarded on April 10, 2014 and completed on Sept. 23, 2014, almost six months ahead of schedule. Madison Site located on Gwang-gyo mountain has a communication complex consisting of two portions. One is located at the base camp while the operations area is on the mountain peak. An existing deteriorated steel water pipeline was replaced with a new polyvinyl chloride (PVC) line from the bottom of the base camp to the top of the operations area. The 1st Signal Brigade now has potable water to meet their daily needs. Previously, water had to be trucked to the site at considerable expense to the directorate of public works.

OMA, Replace Sewer and Drainage System, B-2660

Due to the deteriorated sewer and drainage system, the occupants of building 2660 lived in a barracks that was not compliant with life and safety hazard regulations. This \$800,000 FY12 JOC OMA project was awarded on June 5, 2014 with a construction completion date of March 31, 2015 in order to make the building code compliant and the occupants more comfortable in their bedrooms. The scope of work includes replacing the sewer lines from the bathroom and connected to the sewer outside of the building. Other electrical improvements such as grounding, receptacles and lighting fixtures are also included in this project.

OMA, Replace Fire Hydrant and Water Pipes near B-1503

This \$50,000 FY12 JOC OMA was awarded on June 20, 2014 and completed on Nov. 12, 2014. The existing fire hydrant was not functional. The scope of work included replacing the

fire hydrant and connecting it to the nearest water line.

OMA, Repair Water Storage Tanks

This \$60,000 FY12 JOC OMA project was awarded on Sept. 5, 2014 and is estimated to be completed on March 31, 2015. The scope of work of this project is to repair the foundation of the four large water storage tanks, reconnect grounding systems and finish off with caulk and paint.

OMA, Replace Heating Pipe, B-3560

The Seoul American Middle School heating lines were in very bad condition. On June 27, 2014, the \$120,000 FY12 JOC OMA project was awarded to replace the heating pipes as well as all the equipment and accessories in the mechanical room. These heating pipes feed into six school buildings and is estimated to be completed on May 30, 2015.

OMA, Repair Damaged Shingle Roof, S-48

This \$150,000 FY12 JOC OMA project was awarded on July 2, 2014 and completed on Nov. 7, 2014. S-48, located at the Far East District Compound. The roof had leakage problems with poor deteriorated plywood underneath the asphalt shingles. By replacing the asphalt shingle roof, plywood, gutters, and downspouts the leaking issue was fixed.

OMA, Repair ACP Barriers for Area II

This \$1.8 million dollar project was awarded on Sept. 30, 2014. Since the majority of the barriers were in poor condition, directorate of emergency services (DES) requested repair of all barriers located at Yongsan, K-16, CP Tango, and Hannam Village. Fixing the barriers will ensure barriers are functional and ready to prevent all unauthorized vehicles from entering the base. The scope of work includes removing and relocating barriers, repair electrical/

hydraulic components of barriers, repair/repainting of sliding door crash gates, detection loop installation, and the installation of bollards. Completion of this project is scheduled to be on Nov. 19, 2015.

OMA, Convert Building 402 to Visitor's Center

Over the period of Feb. 6 to Dec. 4, 2015, building 402 will be under renovation. The JOC contractor will convert building 402 to a visitor's center. This project includes converting building 402 as well as parking lots for the visitors at K-16 Air Field main gate for the cost of approximately \$600,000.

OMA, Repair two Heli-pads, CP Tango

Over the period of March to Aug. 2015, the JOC contractor will repair two worn out helipads at CP Tango at a cost of approximately \$400,000. This project includes two concrete helipads with improvements to associated drainage systems.



Concrete pad, Building 2666



Water pipe replacement at Camp Madison



Heating pipes replacement of Building 3560

HUMPHREYS PROJECTS

- Construction Surveillance Resident Office
- Family Housing Resident Office
- Medical Resident Office
- P2 Resident Office
- Pyeongtaek Resident Office

Construction Surveillance Resident Office

ACP020 YRP, Access Control Point I, Dong Chang-Ri Gate

The Access Control Point I, Dong Chang-Ri Gate, is the first access control point on the Korean peninsula fully designed based on the Army Standard Design and criteria. ACP020 is located on the east end of the new land close to the Zoeckler station area, and elongated west to east along with the northern garrison boundary of Humphreys about 350 meters long. The project began on Feb. 14, 2014 and is expected to be completed by July 2015. Since it is Yongsan Relocation Plan Criteria Package Technical Proposal contract 30 percent, Criteria Package was designed by MM International and the remaining portion of the design up to 100 percent was completed by Sun Jin & Dong Woo, a ROK A-E. The total contract amount is \$9.9 million, and was awarded to Daelim Consortium who has been executing the detailed design and construction.

This project will provide a new access control point including vehicle inspection canopies, three-lane identification check canopy, visitor control center, visitor center pedestrian walk-in, search building, gate house, guard booth, and over watch building with supporting facilities. Since this is a YRP contract, PMC is doing the quality assurance and FED is doing Construction Surveillance.



Renderings of Access Control Point I, Dong Chang-Ri Gate (ACP020)

ACP021 YRP, Access Control Point II, Quarry Gate

The Access Control Point II, Quarry Gate, is also designed based on the Army Standard Design and criteria. ACP021 is located in the existing Humphreys Garrison next to the existing Quarry gate. Project began on Dec. 16, 2014 and is expected to be completed by Sept. 2015. Criteria Package was designed by MMI International and the remaining portion of the design up to 100 percent was completed by Sun Jin & Dong Woo (ROK A-E). The total contract amount is \$9.6 million, and is awarded to Daelim consortium to execute the detailed design & construction. Contract scope is to construct a new access control point including vehicle inspection, vehicle inspection canopy, three-lane identifica-

tion check canopy, visitor control center, visitor center walk-in, search building, gate house, guard booth, and over watch building with supporting facilities.

C4I010 YRP, Communication Center

The Communication Center Project was awarded on July 24, 2013 to GS Consortium for \$17.1 million and is scheduled to be completed in Jan. 2016. The project is currently about 27 percent complete.

This facility is essential for providing 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 is two stories above grade, sub-divided into a central utility plant and the computer server support area. 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 N+2 redundant systems (generators, power, HVAC, etc) to allow the facility to operate for a defined period independently. In addition, the 1070, 230-meter deep geothermal wells will provide 4,554 tons of energy, and cover the protected area's cooling in endurance mode and unprotected area's cooling and heating in normal mode.

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

The six-story parking structure has 700 parking spaces



Rendering of C4I010 YRP A09Y601 Communication Center

and is intended to provide parking for civilians and authorized military personnel working in the building. The ground parking lot around the building will also be provided for the additional 31 vehicles of customers and visitors.

C4I021 YRP, Troop Housing & ZS ADN EUSA

The Troop Housing and Zoeckler Station ADN (C4I021) is a two-structure/two-site vertical project in parcel 2A on the new lands. The project began on May 2, 2013 and was completed in late Dec. 2014. The total project cost to date is \$9.8 million and the contractor is Daewoo Consortium as part of a four site package. The project will provide a Main Communication Node/Area Distribution Node (MCN/ADN) facility in the Zoeckler Station and Troop Housing area. Each facility is 4,643 square feet and has GOV/POV surface parking. They have separate equipment rooms that accommodate separated network requirements for DPW, CATV, ROK, SIPRNet, RIPRNet and MCN/ADN telecommunication equipment. The Zoeckler Station MCN/ADN includes voice soft switch, MDF and Voice over Internet Protocol gateways for DSN voice communications. Features include: back-up power, eight-hour DC power battery plant, redundant standby power generators with two-day fuel tank capacity to support the entire facility, redundant transformers along with associated switch gear, and redundant computer room air conditioning units. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance.

C4I100 ROKFC, 2nd ID G2 Operation Center

The 2nd Infantry Division Headquarters G2 Operations project is nested within the overall 2ID HQ project. This



Rendering of 2nd ID G2 Operation Center

project is required to set the conditions for the relocation of the 2ID HQ from Camp Red Cloud to Camp Humphreys as part of the Land Partnership Plan. Upon completion, the project will provide the 2ID with a secured facility and a secured vehicle parking area that complies with the technical specifications for Intelligence Community Directive 705. The funding source is the Republic of Korea Funded Construction program. The Far East District is responsible for administering the contract and performing quality assurance. The contract award amount is \$33.2 million and the construction contractor is B.L. Harbert, International. The notice to proceed date was Nov. 4, 2014 and the contract completion date is Dec. 31, 2016.



Rendering of CY08 YRP Eighth Army/CNRK Headquarters

HQ010 YRP, Eighth Army/CNRK

The HQ010 Eighth Army/CNRK/IMCOM-P project was awarded March 18, 2013 to Hyundai Development Corporation Consortium with a total cost of \$63.4 million. The project is scheduled to be completed in June 2015. The project consists of a three story building with traditional Korean roof, brick (granite) exterior walls Operations Center, and Network Operation Center. The facility also includes a parking facility to accommodate approximately 346 parking spaces, a chiller plant and emergency shutoff generators. The construction management is performed by KC-PMC and FED is responsible for construction surveillance.

HQ020 YRP, KORCOM HQ Admin and Public Service Building

The Korea Command HQ will be one the unique facilities in Humphreys, Korea. The project has been programmed for units of KORCOM with United Nations Command. Command staffs include the Office of the Commander, Deputy Commander, Chief of Staff, Public Affairs, Protocol, Status of Forces Agreement Commission, UNC Military Armistice Commission, and other unique staff. KORCOM Assistant Chief of Staff Units includes, J1-J6, Command Group, Chaplain, Engineer, History Office, Judge Advocate, Provost Marshal, Safety, and Surgeon. The contract was awarded on June 10, 2013 to Hanwha Engineering and Construction with a total cost of \$74.1 million. The project consists of a four story building, a basement, energy monitoring and control systems and

exterior information systems. The facility will also include a parking lot with approximately 1,100 spaces and a Parade Ground with artificial turf for ceremonies and other related activities. The project is scheduled to be completed in Aug. 2015. Construction management is performed by KC-PMC and FED is responsible for construction surveillance.

HQ050 YRP, Consolidated Installation Headquarters

The HQ050 project is for the construction of several Consolidated Installation Headquarters buildings. This project was awarded to Daelim consortium in March 2014 with a contract amount of \$12 million. This project has three project sites. Site one has two administration buildings; one building for the Far East District, and one building for other units. These multi-story buildings will have four floors of reinforced concrete and steel. The typical interior finishes consist of painted gypsum wallboard, partitions and concrete walls with suspended acoustic tile ceilings, VCT, and carpet flooring. There will be ample parking spaces for privately owned vehicles. Construction Management is performed by KC-PMC and FED is responsible for construction surveillance. The Consolidated Installation Headquarters Area is scheduled to be complete in spring of 2016.

Site two of the Consolidated Installation Headquarters Area has three administration buildings. The first building is a 3-story building that will house both Department of Public Works and Department of Logistics. The second building is a 2-story building that will house the Air Force



HQ050 site #1 Consolidated Installation Headquarters Area



HQ050 site #2 Consolidated Installation Headquarters Area



HQ050 site #3 Consolidated Installation Headquarters Area

Ready Reserve Command, and the last building is a 3-story building that will house miscellaneous Consolidated Installation Headquarters.

Site three of the project will be home to the emergency operation center. This facility will provide day-to-day administrative services. This facility will have ample parking spaces for privately owned vehicles. The typical interior finishes shall consist of painted gypsum wallboard, partitions and concrete walls with suspended acoustic tile ceilings, VCT, and carpet flooring.

HQ060 YRP, EUSA MSC Headquarters

The EUSA Headquarters Facility is a two structure project. The notice to proceed was given on Aug. 8, 2013 and the project is expected to be constructed by July 2015. The total project cost is \$35.2 million and it is being constructed by Daewoo Consortium as part of a four site package. It is scheduled to be complete on March 23, 2015. The project consists of constructing a consolidated battalion and brigade headquarters for three battalions and one brigade, a parking lot for privately owned vehicles, and one standard design

physical fitness facility. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance.

concrete and partially buried; this is commonly referred to as cut-and-cover construction. An electrical building to house pump motor control centers and a temporary control panel is included in the project.

OS030 YRP, Fuel Oil Facility

OSO030 is located at the far west end of the new land close to the railhead project. Project began on Dec. 27, 2014 and is expected to be completed by Dec. 30, 2015. The total contract amount is \$24.7 million dollars, and was awarded to Daelim consortium who is executing the detailed design and construction.

This project will provide two 84,000-gallon operational storage tanks with pump houses, a control/filter building, a fuels/Army oil analysis program lab, a filling station with JP-8 truck fill stand, a diesel filling station with 48,000 gallons storage, and gasoline filling station with 24,000 gallons. Fuel oil tanks will be steel shells encased in 19.7 inch thick

SPT020 YRP, Downtown Exchange & Commissary

The Downtown Exchange and Commissary project was awarded to POSCO Consortium on June 3, 2014 in the amount of \$131.6 million. This project is currently at 11% complete and is scheduled to be completed by July 2016. Facilities include Main Exchange (PX), Commissary, Auditorium (theater), Recreation Center, Bowling Center, Non-Automotive Skills Center, Plaza, Chapel and Chapel Life Center. The Non-Automotive Skills Center (arts & craft shops) is a 2-story building and the rest of facilities are single story buildings. This project will provide a shopping mall,

supermarket, theater, arts & craft shops, morale/welfare & recreation, and religious facilities to meet the needs of the greatly increased population of Humphreys' community as a result of the Yongsan Relocation Plan.

SPT040 YRP, One Stop Processing Center Area & Bus Station

The One Stop Processing Center Area & Bus Station projects which were awarded in Sept. 2013 to Keangnam Consortium, has a combined construction cost of \$37.6 million. The project is scheduled to be completed in Aug. 2015. This project is currently 40 percent complete. This project includes a standard design Administrative Building, a General Purpose Building (One Stop Processing Center), a Bus Station, and two Non-organizational Vehicle Parking Lots, which includes parking for Commercial/Transportation Vehicles and Motor Pool Buses. The main construction consists of one three story reinforced concrete/steel frame administrative building; other supporting facilities include parking and utilities. The one stop includes many special spaces such as a Starbucks and a vehicle and motorcycle driving simulator. All facilities will include a first floor structural slab, pile foundation, utility monitoring and control system, fire protection, alarm systems, and building information systems. Accessibility for the physically handicapped is provided therefore facility design meets American with Disabilities Act requirements.

has two General Purpose Warehouses, and one General Purpose Warehouse Depot. The site is bounded by E Ave, 1st Street, and C Ave. Site 2 includes the DeCA Central Distribution Warehouse, AAFES Central Distribution Center, AAFES Vehicle Maintenance Facility, Hazmat Storage, General Purpose Warehouse Depot, and General Purpose Warehouse Installation. The mortuary at Site 3 will be built in the existing Humphreys area next to future garrison hospital.

SPT060 is being built in accordance with the phasing plan under fast track project delivery; Fast Track Phase I for earth work began on Sept. 19, 2014 and is expected to be finished by March 2015. Fast Track Phase II for piles and substructures began on Sept. 19, 2014 and is expected to be completed by July 2015. Subsequently, the remaining portion (including superstructures and utilities) is in a design phase that is 95 percent completed, and the construction will be started on Feb. 16, 2015 and completed in Sept. 2016.

The Criteria Package was designed by MMI International and the remaining portion of the design up to 100 percent was completed by Dong Woo consortium. The total contract amount is \$178.4 million, and was awarded to POSCO consortium who will be executing the detailed design and construction. MND USFK Relocation Office is responsible for construction, and quality assurance is performed by K-C PMC. FED is responsible for construction surveillance.

SPT060 YRP, Warehouse Area

The project is located on the far west side of the new land, adjacent to future Access Control Point III, Doduri Gate. SPT060 is being built on three different sites; Site 1

SPT080 YRP, Main Post Club

This project was awarded in Aug. 2013 to Lotte Consortium with a construction cost of \$6.1 million. The project



CY09 YRP Main Post Club



CY08 YRP Hospital Barracks

is currently about 42 percent completed. The existing bowling center is being remodeled into a Main Post Club and POV parking for 122 vehicles. The Main Post Club will include a banquet room, bar, dance floor, function rooms, full service kitchen including kitchen equipment, gaming area with pool tables and darts, smoking room, storage rooms, admin/office, and restrooms.

SPT110 YRP, Downtown Business Park

The Downtown Business Park is a four structure/two site vertical project in the new land located in parcel 2B. The project began on May 20, 2014 and is expected to be completed in Jan. 2016. The total project cost \$34.5 million and the project is being constructed by Hyundai Development Company Consortium. The project contains four separate buildings, each with different users. Site A contains three buildings. Building A is the first building and will be used as a Courtroom and Legal Center. Building B will contain an Administrative Office Facility for the 176th Financial Management Company, offices for the Civilian Personnel Advisory Center and Civilian Human Resource Center. Building C will be used to house Community Bank and the Navy Federal Credit Union. In addition, on Site B an equipment storage building (Building D) will be constructed at the multi-purpose field for the storage of field equipment. Supporting facilities consist of utility systems

connections including water, sewer, electrical and storm drainage. The project also includes sidewalks, curbs, gutters, security lighting, heating, ventilation and air conditioning system. All facilities will include a first floor structural slab, pile foundation, fire protection, alarm systems, building information systems and 735 POV parking spaces include 15 handicap parking space. Accessibility for the physically handicapped is provided therefore facility design meets American with Disabilities Act requirements. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance.

UEH080 YRP, Hospital Barracks

The project was awarded in September 2013 to GS Consortium with a construction cost of \$79 million. During construction 13 buildings were demolished by GS and ten buildings were demolished under another contract to make room on the site, requiring coordination amongst multiple contractors. The project includes three new, standard design, eight-story, 302-person Unaccompanied Enlisted Personnel Housing buildings and one Heating plant. The Hospital Barracks are scheduled for completion in May 2016.

VMF040 YRP Installation VMFs

The Installation Vehicle Maintenance Facilities (VMF 040) is a complex located in new land on two different sites

on parcel 2A. The project began on May 20, 2014 and is expected to be completed on Dec. 20, 2015. The total project cost is \$79.8 million and it is being constructed by Hyundai Development Company Consortium. The project is to develop vehicle maintenance shops including supporting facilities. The primary facilities will include six organization buildings, two small TEMPs, two medium TEMFs, two large TEMFs, six Hazardous Material Storage areas, six Waste Oil Storage areas, one administration building, one battalion headquarters, and one office building with a vehicle inspection area. In addition, this project will provide PCC paved organizational vehicle parking areas and AC paved POV Parking areas. Additional scope of work includes sidewalks, curbs and gutters, site amenities, bike racks, HAZMAT waste shed, fuel oil tank, oil-water separator, POL truck shed, and trash areas/pads. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance.

VMF050 YRP, EUSA VMFs I

The EUSA Vehicle Maintenance Facility I (VMF 50) is a complex located in the new land- parcel 2A. The project began on March 29, 2013 and is expected to be completed in Aug. 2015. The total project cost is \$78.4 million and it is being constructed by Daewoo Consortium as part of a four site package. The project will provide a Company Operations Facility, a Readiness Module 450-person/300-person, an Eighth Army HQ Medium Tactical Equipment Maintenance Facility, and an Organizational Storage Building. Supporting facilities consist of utility systems connections including water, gas, sewer, electrical and storm drainage. Additional scope of work includes sidewalks, curbs and gutters, site amenities, bike racks, HAZMAT waste shed, fuel oil tank,

oil-water separator, POL truck shed, and trash areas/pads. The project consists of constructing three TEMF buildings, three COF's with Admin and Readiness Modules, three Organizational Storages, three Oil Storages and three Hazardous Waste Storages. Covered hardstands are required in all Readiness Modules. AC Paved Organizational Vehicle Parking and AC paved POV Parking are required. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance.

VMF060 YRP, EUSA VMFs II

The EUSA Vehicle Maintenance Facility II (VMF 60) is a complex in the new land- parcel 2B-1. The project began on March 29, 2013 and is expected to be completed by July 2015. The total project cost is \$79.9 million and is being constructed by Daewoo Consortium as part of a four site package. The project will provide a Company Operations Facility, a Readiness Module 450-person/300-person, an Eighth Army HQ Medium Tactical Equipment Maintenance Facility, and Organizational Storage Buildings. Supporting facilities consist of utility systems connections including water, sewer, electrical, and storm drainage. Additional scope of work includes sidewalks, curbs and gutters, site amenities, bike racks, HAZMAT waste shed, fuel oil tank, oil-water separator, POL truck shed, and trash areas/pads. The project consists of constructing three TEMF buildings, three COF's, with Admin and Readiness Modules, three Organizational Storages, three Oil Storages and three Hazardous Waste Storages. Covered hardstands are required in all Readiness Modules. AC Paved Organizational Vehicle parking and AC paved POV parking are required. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance.



CY09 YRP: PN A09Y603, EUSA VMFs I (VMF050)



CY09 YRP: PN A09Y614, EUSA VMFs II (VMF060)

Family Housing Resident Office

ROKMOCT, FY13 AFH070 Army Family Housing - Senior Officers

This project includes construction of eight 2-story duplex houses, for a total of 16 units at 2,900 square feet each. The houses are situated with the AFH060 project to provide a looped housing community for senior officer and commander-level military personnel and their families. Each unit will have four bedrooms, two and a half baths, a one-car garage or carport, exterior storage, visitor parking, a fenced-in private yard with patios, and a barbecue grill area. The units are made of structural concrete and will have durable tile roofs and geothermal heating. The contract was awarded on Oct. 31, 2013 to Ilsung Construction Co., Ltd. Construction cost is \$13.3 million, and completion is scheduled for June 2015. FED is administering the contract. This project is currently 58 percent complete, and the contractor is working on the exterior walls, roof finish, interior duct, plumbing, and metal stud work.

CY09 AFH050/060 YRP, Army Family Housing for General Officers and Senior Officers

Together with the AFH070 MOCT-funded housing project, AFH060 forms a looped housing community for senior officers and commander-level military personnel and their families. AFH060 includes 36 two-story duplex houses, for a total of 72 units. Each unit provides 2,900 square feet of living space, a one-car garage, and will have four bedrooms, two and a half baths, exterior storage, visitor parking, a fenced-in private yard with patios, and barbecue grill areas. Neighborhood site amenities include a playground, tot lots, play lots, a basketball court, a tennis court, picnic areas, bus stops, acre playing area, bicycle racks, benches, trash receptacles, and a community jogging trail.



AFH070 Army Family Housing-Senior Officers

ties include a playground, tot lots, play lots, a basketball court, a tennis court, picnic areas, bus stops, acre playing area, bicycle racks, benches, trash receptacles, and a community jogging trail.

The AFH050 project will form Humphreys' second looped housing community area and it is intended for general officers. It includes three Type-I single-story family houses at 4,036 square feet and 20 Type-II two-story houses at 4,058 square feet, all of which include two-car garages.

These are single houses, rather than duplex units, but like the

AFH050/060 housing units, they will have four bedrooms, two and a half baths, exterior storage, visitor parking, a fenced-in private yard with patios, and barbecue grill areas. Neighborhood site amenities in AFH050 include a playground, basketball court, tennis court, picnic areas, bus stops, bicycle racks, benches, and a community jogging trail.

The AFH050/060 contract was awarded on Feb. 27, 2014 and completion is scheduled for Jan. 2016. All units in these contracts are constructed of structural concrete and will have durable tile roofs and geothermal heating.



Rendering of AFH020 Family Housing Towers



AFH050 for General Officers, Type I



AFH050 for General Officers, Type II

The construction contractor is the Keangnam Consortium. The contract value for this project is \$79.6 million, and it is 10 percent complete. FED is providing construction surveillance.

CDC010 YRP, Child Development Center

This Child Development Center was turned over to the Garrison on Dec. 17, 2014. The project was completed by Hyundai Engineering & Construction at a cost of \$8 million. The facility will accommodate 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.

CY10 AFH020 YRP, Family Housing Towers

The Family Housing Towers are three 12-story apartment towers, which will sit directly adjacent to the existing towers which were completed in 2012. This project will accommodate a total of 216 military personnel and their families. The towers include 144 three-bedroom units at 1,982 square feet, 54 four-bedroom units at 2,168 square feet, and 18 five-bedroom units at 2,447 square feet. Ancillary facilities include tot lots, playgrounds, and an under-

Quality assurance was performed by K-C PMC, and FED was responsible for construction surveillance.

ground parking garage that accommodates 285 vehicles. The project was awarded in Dec. 2014 to Hyosung Consortium at a cost of \$127.1 million. FED is providing construction surveillance. The project is scheduled for completion in June 2017. The contractor is currently preparing the pre-construction submittals.

ROKFC-in-Kind, CY10 CDC020 Child Development Center

This Child Development Center will provide adequate child care support to the military and DoD civilian workforce on USAG Humphreys. It will accommodate 338 children be-



CDC010 Child Development Center



UEH040 EUSA Barracks

tween the ages of six weeks and five years, and includes outdoor play areas and parking for 146 vehicles. This project was awarded in Oct. 2011 to Pomyang Construction at a cost of \$10.4 million and is 99 percent complete. Occupancy is not scheduled until mid 2015. Currently the contractor is waiting for utilities delivery for the commissioning and final approval from UFT2K on the modifications for the comments noted during the G-9 inspection.

UEH040 YRP, EUSA Barracks

The Eighth Army Barracks was the second vertical Yongsan Relocation Program 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 May 2015. The contractor is working on interior wall partitions, mechanical systems, painting, and interior finishes.

ROKFC-in-Kind, CY12 TNG020B, NCO Academy and Transient UPH

This project is for the Non-Commissioned Officer Academy and Korean Augmentation to the United States Army (KATUSA) Training Academy. The NCOA/KTA is a single building that includes an administration component, general instruction component, a transient unaccompanied personnel housing area, and parade grounds. The project was awarded on Dec. 18, 2012 to Keangnam Enterprises and is 44 percent complete, with completion scheduled for Oct. 14, 2015. Construction cost is \$24.1 million. Currently, the contractor is working on standing seam metal roof, brick face wall, and dry wall partitions.

TNG020B NCO Academy and Transient UPH



Midtown Community Support Facilities I - Community Main Chapel



Band Training Facility



AAFES Mini Mall Gas Station



AAFES Dual Food Facility

YRP, Midtown Community Support Facilities I, SPT-Midtown Community Support Facilities II, and AAFES Facilities

These three project bundles were awarded at \$69 million to the Kumho Consortium on July 30, 2014. The bundles include a total of 11 facilities which are scheduled for completion in Jan. 2016. The projects will support the increase in population associated with the re-stationing of the 2nd Infantry Division from Area I and the relocation of Yongsan Garrison as part of the Yongsan Relocation Program. Quality Assurance is performed by K-C PMC and FED is responsible for construction surveillance. The foundations of all structures are currently underway.

The Midtown Community Support Facilities I project contains six single-story structures, including the main post office, branch post office, satellite fire station, automotive skills center, the main library and the community main chapel which includes a religious education and family life center. The community main chapel will be used for formal religious services. It will also facilitate religious education and family counseling. The main worship assembly area offers fixed seating for 600 people and it is adjacent to an activity center that can expand the seating area to 1,191 for special occasions. The facility also contains a catering kitchen, kosher kitchen, baptistery, four chaplain offices, NCOIC and administration offices, nursery, sacristy, multipurpose

room, break room, and a civic plaza with a bell tower. The foundations of all six structures are currently underway; six percent of the construction has been completed.

The Midtown Community Support Facilities II project includes a band training facility, community activities center, and multi-purpose athletic fields with a two-story maintenance/utility building. The athletic fields will encompass one multipurpose 400-meter running track, multipurpose playing field with synthetic turf for playing American flag football, soccer, rugby, or similar forms of athletic competition, and two baseball fields with maintenance/utility building, dug-outs, and event areas.

The AAFES Facilities project includes an exchange branch mini-mall and single-story dual food facility. The mini-mall includes a car care center, gas station, and subway restaurant. The dual food building will house a Burger King and a Popeye's restaurant.

for completion in Feb. 2016. The contractor is currently working on structural concrete, and the project is approximately 12 percent complete.

nery, and aviation. The project was awarded to Seohee Construction on Dec. 24, 2012 at a cost of \$33.7 million and is 40 percent complete. Completion is scheduled for Oct. 13, 2015. The contractor is currently installing the exterior brick, EIFS work, and interior mechanical and electrical systems.

TNG010 YRP, BCTC & Transient UPH

This project consists of a Battle Command Training Center (BCTC) with Exercise Billeting and a personally owned vehicle parking garage. The building will provide primary facilities for conducting computer driven battle-field simulation exercises to division level with links to other BCTC's, an exercise planning and coordination center, a training, readiness, and exercise center, a large video conference center with standard and secure video teleconferencing, classrooms, secure and non-secure communication and building information systems, a rooftop antenna field, and UPS back-up power. The transient Unaccompanied Personnel Housing building will provide exercise billeting for 800 personnel with latrines, showers, laundry rooms, lounge, and internet cafe. Quality assurance is performed by K-C PMC, and FED is responsible for construction surveillance. The project was awarded in Feb. 2014 to Daebo Consortium at a cost of \$49.7 million and is scheduled

ROKFC-in-Kind, SPT030 Soldier Troop Support

This project consists of four different sites and includes a Post Exchange branch, movie theater/auditorium, community activity center, post office branch, two chapels, and sports fields. 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 70 percent complete.

DoDDS030 YRP, Elementary, Middle School, and EDIS

This project consists of an 876-student elementary school, a 1,100-student high school, and an Early Development and Intervention Services facility. The facilities include student classrooms, science, art and music classrooms, a computer laboratory, physical and occupational therapy rooms, clinical and outpatient rooms, an auditorium, cafeterias, multipurpose athletic fields, multipurpose ball fields, a 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 \$116 million and is scheduled for completion in Oct. 2015. Currently the contractor is working on grade wall beams, ceramic tiling, and mechanical and electrical systems. The project is approximately 70 percent complete.

ROKFC-in-Kind, CY11 TNG020A Simulation Center

This Simulation Facility will bring together a number of Korea's training facilities under one roof. The Simulation Center will include primary training facilities for many of the Army's requirements, with areas dedicated for tactical skills, close combat, weapons engagement skills, call for fire, laser marksmanship, medical simulations, water survival, HMMWV egress, gun-

OS041 YRP Railhead

This project is located on the northwest corner of the installation on new land. The KORAIL spur serving U.S. Army Garrison Humphreys crosses the river to the north of the installation and will support both mobilization and sustainment operations. The railhead consists of 9 spurs configured for end loading of up to 10 flatcars each. One spur is dedicated for fuel operations. The facility also includes a Deployment Ready Reaction Field, which consists of a wash rack, two inspection canopies, a scale house, marshalling area, railhead loading ramps, a deployment equipment warehouse, deployment operations building, and troop shelters. Closely connected to these facilities are the fuel loading/unloading facilities at the railhead adjacent to the new bulk fuel storage 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 \$10.9 million and is scheduled to be turned over by March 2015. With construction at 99 percent complete, the only remaining work is facility commissioning, inspections, and punchlist corrections.

SLQ010 YRP, Senior Leader Quarters

The Senior Leader Quarters consists of six 9-story buildings for 144 personnel each, and four 6-story buildings for 96 personnel each. Parking is provided in an underground lot, a 3-story above-ground lot, and at ground

level. Each floor of these facilities is designed to house ten company grade officers and six field grade officers. Common senior leader quarters areas include a mud-room, multi-purpose room, vending area, and an outdoor patio area. The facilities include passenger elevators and freight elevators. The project also includes a multi-purpose athletic field, consisting of a combined football/soccer and softball field with artificial turf. The project was awarded to Hyundai Engineering & Construction on Nov. 2013 at a cost of \$268 million and is scheduled for completion in Jan. 2016. Currently, the contractor is nearing completion of the structural concrete for all facilities and is awaiting a notice to proceed for the athletic field project.



DoDDS030 Elementary, Middle School, and EDIS

SLQ010 Senior Leader Quarters Barracks

Medical Resident Office

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 \$156.8 million. 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 five, including a mechanical interstitial space at level three. 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 the intensive care unit, six in women and infant unit, two in labor/delivery and 14 in behavioral health. The clinic wing has five active levels, ground through level five and a mechanical penthouse on the roof. The clinic wing's five levels are primarily dedicated to outpatient clinical services and administration. Construction of the Hospital and Ambulatory Care Center is currently forecasted for completion in late 2016. 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 forecasted to complete in mid-2015.

YRP, Midtown Medical Facilities

The Midtown Medical Facilities contract includes two projects – the Troop Medical Facility (TMC) and the Veterinary Clinic which were both awarded for construction in Aug. 2013 to Lotte Engineering & Construction for a total construction cost of \$23.1 million. They will be located in the same vicinity with a Community Activity Center, an AAFES Dual Fast Food Restaurant, a post office, and other midtown facilities. The TMC is a two-story building with a gross area of 3,621 square meters. It will accommodate functional requirements for medical, dental and counseling for active duty Soldiers and their dependents. The first floor will include optometry, audio testing, immunization, a 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. The building will accommodate functional requirements for veterinary services. The grounds will include adequate space for dog runs and exercise areas. Besides animal related functions, the veterinary facility activities will include inspection, testing, and monitoring of human food and surveillance of the human food supply on base. Currently the Midtown Medical Facilities are expected to be completed near the end of 2015.



CY08 YRP, Dental Clinic



CY08 YRP, Hospital and Ambulatory Care Center



Veterinary Clinic

CY08 YRP, Medical Brigade HQ and CY09 YRP, Parking Structure

The two projects were awarded in May 2013 to Hanwha Engineering & Construction Co., LTD. with a combined construction cost of \$24.5 million. The brigade headquarters is currently being built as a 2-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 and the brigade headquarters. The parking facility 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, electrical power, lighting and communications. 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 the final stages of construction and are scheduled for completion in April of 2015.

Center at USAG Humphreys. 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, a 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 scheduled for completion in May of 2015.

CY09 YRP, Televideo Center

This project was awarded for construction in May 2013 to Hanwha Engineering & Construction Co. LTD for a total construction cost of \$27 million. The project provides the new home for AFN-Korea TV and Radio Headquarters and the Morale, Welfare and Recreation (MWR) cable TV Head End Facility and Business



CY09 YRP, Televideo Center

P2 Resident Office

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

The Land Development and Utilities Infrastructure (LDUI) Project is the largest design-build contract ever for FED. The \$605 million design-build contract was awarded to SK Engineering and Construction in late 2008 and is for land development and utility systems on the existing Garrison and in Parcels 1, K, and 2A of the new land provided to the U.S. for expansion

under the Yongsan Relocation Plan and Land Partnership Plan. The effort has required hauling, placing, and compacting millions of cubic meters of engineered fill in approximately 570 acres in the land area adjacent to U.S. Army Garrison Humphreys designated as “Parcel 2A.” The vast majority of land fill operations are complete with only the portion along G Avenue in zone 13 remaining. The 2011 Master Plan design update was finished and work is commencing. Several finished sections of road and utilities were turned over to the directorate of public works such as G2

Avenue and New Freedom Road to the CPX gate area. Critical structure turn-overs are the Underground Water Storage Facility (1.5 million gallons) and Lift Station # 8. Other significant traffic shifts include Airfield Road from the old alignment to the new alignment, and work has commenced on the F&G intersection. LDUI continues to update underground utilities according to the 2011 master plan to complete the backbone utilities throughout the garrison by the end of 2015. All work should be complete early in 2017.



New Freedom Road from CPX to G2 Avenue



Lift Station #8 at the corner of 9th and E-Avenue



New alignment shift along Airfield Road – old to new



Turned over Chlorination Building to DPW

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

The Land Development and Utilities Infrastructure Project is a fundamental contract that supports the Yongsan Relocation Plan and Land Partnership Plan to provide land improvements and utilities on 820 undeveloped acres. The scope of work includes the design of soft soils preparation and the placement of four million cubic meters of compacted engineered fill. The fill is necessary to upgrade rice paddies into buildable sites above the flood plain. It will sustain pile foundations as required for the future vertical structures and prevent differential settlement of horizontal structures. This contract totals \$170 million and it has been awarded by the Korea National Land and Housing Corporation (LH) on behalf of the ROK Ministry of National Defense to Daewoo. The project began in fall 2009 and the scheduled date for completion has been extended to the end of Nov. 2015. In addition to construction of soil improvement, the contractor will also design and construct five miles of roads and utility systems for water, 2.3 miles of sewer lines, 3.7 miles of electrical power, 3.7 miles of natural gas, and 6.5 miles of C4I ducts. The contractor has completed the landfill and has nearly completed the UPP-Phase 1 utility work. Vertical construction projects are already underway on the filled land.



Concrete pavement on A Avenue



Sewer and Drainage on E-Avenue in Parcel 2B-2

Concrete road paving work has started on A Avenue, a combined road and tank trail.

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

This turn-key contract provides land improvements and utilities on 605 undeveloped acres. The scope of this contract involves the design of soft soils preparation and construction of 3.5 million cubic meters of engineered fill. It includes on-site excavation of about 2 million cubic meters of soils from existing detention bases that have been

dried and compacted to be used as engineered fill. Concurrent with construction of soil improvement, the contractor is also designing and constructing five miles of roads and utility systems for water, 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” area, housing and the Humphrey’s golf course. This contract totals \$129 million and was awarded by LH for the Ministry of National Defense. The project began in fall 2009 and is scheduled for completion in Nov. 2015. The contractor has completed the landfill and has nearly completed the UPP-phase 2 of all utilities works. Critical infrastructure turnovers are the gas lines, water lines, and connections for UPP-phase 1 which insures gas and water to the vertical projects in Parcel 2B-2.



Parcel 2B1 view of A Avenue

ROKFC, Downtown Area Distribution Node – C4I020

The Downtown Area Distribution Node building achieved substantial



Downtown Area Distribution Node building



completion in Dec. 2014. The facility will be the focal point for communications networking and will provide voice, video, and data services located in the downtown Area of U.S. Army Garrison 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 node. The building occupancy date is expected in Feb. 2015.

CY12 ROKFC-in-Kind, Wash Facility and Drivers Training Course

This project is to construct a new vehicle wash facility and driver training course. The main facility consists of a wash platform, six wash bays, multi-purpose training range, and unit staging area. The supporting buildings included in this project are: range operation center, range control tower, range support building, ammo breakdown building, latrine, covered bleachers, field dining, vehicle maintenance bay, and pump house. This project was awarded in Dec. 2012 to Woo Seok Construction Company for \$14.5 million. Anticipated completion date is Dec. 2015.

CY13 ROKFC-in-Kind, Small Unit Training

This project is to construct a new maneuver/training area for light forces and an obstacle course. The main portion of the obstacle course consists of four major training areas with different training equipment. Supporting facilities include overhead protection, bleachers, dining facility, separate toilet/shower, operations range building, unit staging area. This project was awarded in Oct. 2013 to IL Kwang Engineering & Construction Company for \$2.7 million. Anticipated completion date is Sept. 2015.

YRP, Golf Course and Facilities (REC010)

This turn-key contract provides replacement of the 18-hole Sung Nam Golf Course, related facilities, and the U.S. Army Garrison Yongsan Hartell House. The key features of the Robert Trent Jones designed 18-hole golf course will include a 48-tee driving range, chipping and putting greens, and practice pitch and put course. The key features of the golf clubhouse include a formal restaurant, banquet facilities, snack bar, pro-shop, kitchen facilities, office space and locker rooms.



Dining Facility at Training Area

Pyeongtaek Resident Office

CY10 ROKFC-in-Kind, Eighth Army Barracks and Dining Facilities (UEH030)

This \$50.2 million project includes one 302-person barracks and two 1,300-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 2015 and the dining facility on Site #2 was turned over on Oct. 13, 2014.



Eighth Army Barracks and Dining Facilities

CY10 ROKFC-in-Kind, HBCT Barracks and Dining Facilities (UEH060)

This \$84 million project includes three 302-person barracks and one 1,300-person dining facility. Each barracks has eight floors. It is 10,827 square meters and will house 302 Soldiers. Each dining facility is 2,401 square meters and will be able to accommodate 1,300 Soldiers in three shifts. The facility is scheduled to be turned over in June 2015.

302-person 8-story barracks. Unaccompanied enlisted personnel will occupy the barracks for housing. The facility is scheduled to be turned over in July 2015.

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

This \$100.8 million project includes four standard design

CY12 ROKFC-in-Kind, Physical Fitness Facility (UEH070)

This \$9.4 million project provides a two-story 40,841 square foot 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, combatative and cardio exercise rooms. This facility is scheduled to be turned over in July 2015.



HBCT Barracks and Dining Facilities



HBCT Barracks



CY11 ROKFC-in-Kind, Fires Support VMFs II (VMF080)



CY11 ROKFC-in-Kind, HBCT VMFs I (VMF090)



CY12 ROKFC-in-Kind, HBCT VMFs III (VMF091)

CY11 ROKFC-in-Kind, Fires Support VMFs 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 privately owned vehicles parking area, a hazardous material storage facility and petroleum, oil and lubricants storage facility. The facility is scheduled to be turned over in July 2015.

CY11 ROKFC-in-Kind, HBCT VMFs I (VMF090)

This \$42.3 million project includes two standard-design medium Tactical Maintenance Facility buildings, two Com-

pany Operations Facility buildings, two readiness buildings, two POL storage buildings, two Organizational Storage buildings, two Unmanned Aerial Vehicle Storage buildings. Each Tactical Maintenance Facility will include one 35-ton bridge crane. Each COF building and Readiness building will have two floors. This facility is scheduled to be turned over in Sept. 2015.

CY12 ROKFC-in-Kind, HBCT VMFs III (VMF091)

This \$22.8 million project provides a new VMF complex consisting of a standard design Medium Tactical Equipment Maintenance Facility, three to eight Company Operations Facility, 750-person Readiness Modules (1 ea-300 PN plus 1 ea-450 PN), Organizational Storage Building, Unmanned Aerial Vehicle Storage, Waste Oil Storage, Hazardous Material Storage and PCC paved Organiza-



CY12 HBCT VMFs III (VMF100)



CY13 HBCT VMFs IV (VMF101)

tional Parking. This facility is scheduled to be turned over in Sept. 2015.

CY12 HBCT, VMFs III (VMF100)

This \$21.8 million project, located in the New Lands near parcel 2B-1, provides a standard design Medium Tactical Equipment Maintenance Facility, Company Operations Facility, a 350-person and 450-person Readiness Modules, POL Storage, Organizational Storage, and Covered Hardstand. This facility is scheduled to be turned over in Nov. 2015.

CY13 HBCT, VMFs IV (VMF101)

This \$54.6 million project provides a standard design Large Tactical Equipment Maintenance Facility, Administration Module, Readiness Building, POL and Hazardous Storage, Organizational Storage, Covered Hard Stand Unmanned Aerial Vehicle Storage, Guard House, Bike Rack, and Trash Enclosure Facility for Site One and Site Two. This facility is scheduled to be turned over in Dec. 2015.

FY08 MCA, Brigade Headquarters (UEH020B)

This \$35.3 million project provides a 74,852 square feet two-story brigade headquarters with sensitive/secure areas. Primary facility also includes special foundation, antiterrorism measures, back-up generators 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 facility is scheduled to be turned over in June 2015.

FY08 MCA, Battalion Headquarters (UEH020B)

This \$5.6 million project provides a 61,548 square feet two-story battalion headquarters facility adjacent and connected to the brigade headquarters. It contains primarily administrative spaces for the battalions. The facility is scheduled to be turned over in June 2015.

CY10 ROKFC-in-Kind, HQ070 A10R113 Consolidated HBCT HQ

The CY 2010 Consolidated Heavy Brigade Combat Team Headquarters building is a \$23.6 million multi-story facility located in Zone 2B-1-10 of USAG Humphreys new lands. The facility will be capable of supporting an HBCT command group and up to six subordinate battalion staff sections. It is also comprised of administrative areas to include office spaces for the Commanding Officer, Executive Officer, Command Sergeant Major, and all primary staff officers. Also included are nine classrooms, six brigade conference rooms, and 12 battalion level conference rooms. Special functions of the building include secure section components consisting of a tactical operations center, secure documents area, and a network operations center. The facility is scheduled to be turned over in May 2015.

CY13 ROKFC-in-Kind, HQ080 2nd Infantry Division Headquarters Facility

This \$39.2 million project is to construct a new command and control facility for the 2nd Infantry Division. The 2nd Infantry Division headquarters will provide space for the command and control functions and staff support for the Division. The structure will provide the physical space and the global information grid connectivity necessary for normal operations, collaborative planning, and routine and secure telecommunications. The facility is scheduled to be turned over in May 2016.

FY13 MCA, Battalion HQ Complex (HQ110)

This \$25.9 million project provides an 112,411 square feet 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. This facility is scheduled to be turned over in July 2016.

CY10 YRP, KORCOM Operation Center Phase I (C4I 080)

This \$19.5 million project prepares the site to support the Phase II building construction for the KORCOM Operation 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. This facility is scheduled to be turned over in Feb. 2015.

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

This \$5 million project provides a parking apron that is constructed with 204-millimeter thick reinforced concrete and provides PCC parking for 14 Boeing Ch-47 Chinook aircrafts to support the increase in population associated with re-stationing of 2ID from Area I and relocation of Yongsan Garrison as part of the Land Partnership Plan. This project also constructs a 275 square feet transmitter building with steel platform for antennae mounting. The transmitter building will facilitate communication on the airfield.

The transmitter building was turned over June 2013 and the parking area will be turned over in April 2015.

FY14 SRM, Repair Hot Water Storage Tanks in Various Locations

This \$0.4 million project is to repair by replacement of the existing deteriorated heat exchanger coils, inner cement lining of domestic hot water storage tanks with piping in building Nos. S-2061, S-2096 & 2098. Since there is no room to properly remove the existing heat exchanger coils

from within the domestic hot water storage tanks, the phase construction work will allow for one of the domestic hot water storage tanks to continuously provide domestic hot water to the facilities throughout the construction process. The scheduled completion date is Nov. 2015.

FY13 OMA SRM, Various Repair and Upgrades, Package No. 2

Schedule "A": FEWR No. V7-12026-1J, Install Ceiling at Correctional Facility, S-1056

To upgrade existing correctional facility, the gypsum board ceiling was provided with duct system, pendent type sprinkler heads, smoke detectors, lighting fixtures and speakers. This project was executed through three phases such as "Alpha Block", "Charley" and "Bravo" in confinement area of this building. This project was turned over in Jan. 2014.

Schedule "D": FEWR No. V9-10015-1J, Improve Intersection Visibility in vicinity of S-2072

The current intersection around S-2072 is on the top of hill. Thus, the area should be graded out with relocating all utility lines and manholes. This project is expecting to turn over in June 2015.



CY13 HQ080 2nd Infantry Division Headquarters Facility

Schedule "E" FEWR No. V9-10015-1J, Install Taxiway Intensity Control Lighting System at S-964

This project is to repair/upgrade existing "Airport Lighting Control and Monitoring System (ALCMS)" including replacement of Constant Current Regulator (CCR), Local Control Desk, Remote Control Desk, Programmable Logic Controller (PLC) and Interface Panel and Pilot Activated Lighting Controller w/ Antenna thru new underground duct bank of 12-strand fiber optic cable for the installation's airfield, U.S. Army Garrison Humphreys. This task work was turned over in Jan. 2015.



KORCOM Operation Center Phase I (C4I 080)

OSAN PROJECTS

ROKFC-in-Kind, Joint Senior Noncommissioned Officer Dormitory

The construction contract for this CY11 ROKFC-in-Kind project was awarded in Oct. 2011 and completed in Oct. 2014. This \$50 million project will provide the construction of a new 8-story senior noncommissioned officer dormitory for 277 occupants. Primary facilities include living units with a bedroom, living room, bathroom, kitchen, washer/dryer, closet, multi-purpose activity rooms, public restrooms, bulk storage, parking, and a gazebo. The facility meets all applicable Department of Defense antiterrorism/force protection requirements including minimum standoff distances. During fiscal year 2014, the contractor mostly worked on interior mechanical, electrical, fire protection and finish work.

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 Republic of Korea Air Force and Air Defense Artillery facilities. During fiscal year 2014, the contractor completed approximately 6,000 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. The contractor also completed the drainage system that will channel the storm water runoff between the two runways off base.

ROKFC-in-Kind, 36th Fighter Squadron Operations/Aircraft Maintenance Unit

The construction contract for this CY11 ROKFC-in-Kind project was awarded on Nov. 3, 2011, and is scheduled for completion in Dec. 2014. This \$15 million project will provide a semi-hardened building to house the 36th Fighter Squadron's Operations and Aircraft Maintenance Unit. It is where the pilots will plan, brief and de-brief flight missions. The facility includes a new chemical-biological collective protection system, reinforced concrete foundation, thickened floor slab and thickened concrete walls and roof, fire detection/suppression system, stand-by generator, fuel storage tank, infrastructures for aircraft communications, parking spaces for building occupants and space for a small gym. During the past year, the contractor completed the



36th Fighter Squadron Operations



Type IV Hydrant Fuel System

interior mechanical, electrical, and fire protection work, as well as the interior finishes work. The CPS system was also tested and certified by the Protective Design Center.

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 Jan. 2015. This \$19.3 million

project includes replacement of the existing JP8 fuel hydrant system with a Type IV hydrant system (1,800 gallons 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. Over the past year, the contractor commissioned five aircraft fueling stations and made final preparations for the commissioning of the second fueling tank.

Air Force MILCON, Airman Dormitory 156 Person

The construction contract for this MILCON project was awarded on March 13, 2012, and was completed 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 interior mechanical, electrical, fire protection and finish work.

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, and was completed in 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 dur-



Joint Senior Noncommissioned Officer Dormitory



Midtown Community Support Facilities I - Community Main Chapel

ing construction, and requires 28 phases (groupings of rooms) in each building to be carried out sequentially. In 2014, the contractor completed all required work, to include overhauling of large generators and collective protection system testing.

DoDEA MILCON, Elementary School

The construction contract for this DoDEA MILCON project was awarded on Sept. 30, 2013 and is scheduled for completion in March 2016. This \$29 million project will provide a new elementary school for Osan Air Base. The school is the first new 21st century school concept built in Korea. Over the past year, the contractor completed pile driving, first floor concrete slab-on-grade and first floor concrete walls.

DoD Medical MILCON, Hospital Addition and Alteration

The construction contract for this DoD Medical MILCON project was awarded on Sept. 28, 2013 and is scheduled for completion in Aug. 2017. This

\$22.3 million project will add approximately 26,000 sq ft. to the existing Osan Air Base hospital (about a 27 percent increase in size) and renovate approximately 24,000 square feet. The added space will provide new or renovated areas for family practice, pediatrics, obstetrics and gynecology, optometry, immunizations, physical therapy, dental clinic, warehouse, and administrative support functions for the 51st Medical Group. Over the past year, the contractor completed pile driving and first floor concrete slab-on-grade and walls. The contractor also started the interior alternation/renovation work for areas in accordance with the approved schedule.

ROKFC-in-Kind, Aircraft Corrosion Control Facility

The construction contract for this ROKFC-in-kind project was awarded on Dec. 31, 2013 and is scheduled for completion in Oct. 2015. This \$13.5 million project will provide a facility for the Air Force to paint aircraft. It has a washing system and paint booth. During the past year, the contractor completed pile driving, concrete slab-on-grade and concrete walls.

ROKFC-in-Kind, Force Protection Operations

The construction contract for this ROKFC-in-kind project was awarded on Oct. 18, 2013 and is scheduled for completion in Dec. 2015. This \$14.6 million project will be the headquarters for the Security Forces Squadron and Air Force Office of Special Investigations. It has an arms vault and collective protection system. During the past year, the contractor completed pile driving, concrete slab-on-grade and concrete walls.

ROKFC-in-Kind, Precision Measuring Equipment Laboratory

The construction contract for this ROKFC-in-kind project was awarded on Oct. 18, 2013 and is scheduled for completion in Aug. 2015. This \$8 million project will be where the Air Force repairs precision measuring devices. It has an isolated concrete slab, clean areas, and a collective protection system. During the past year, the contrac-

Osan Elementary School



Aircraft Corrosion Control Facility



Airfield Paving IDIQ

tor completed pile driving, concrete slab-on-grade and concrete walls and exterior finish insulation system.

OMAF, Repair Air Mobility Command Cargo Apron

The scope of this \$6 million project is to replace the concrete of the cargo aircraft parking area, install new asphalt concrete shoulders and to improve the drainage of the parking apron. This past year, the contractor completed phase 1 of 3 of the project. The remaining two phases are scheduled for completion in 2015.

OMAF, Repair Collective Protection System Building 949

Building 949 is the Communications Squadron Headquarters' building. This project replaced the old collective protection system. Over the past year, the contractor completed the installation of the CPS system and received certification from the Protective Design Center.

OMAF, Feeder R Phases 1-3

These three separate projects, with a combined project value of over \$5.5 million moved overhead 13.8 kilovolt

electrical feeder lines underground. The contractor performed micro tunneling as needed and installed new transformers and switchgears.

OMAF, Airfield Paving IDIQ

This past year, the Airfield Paving Indefinite Delivery Indefinite Quantity (IDIQ) contractor performed concrete slab, spall, and crack repairs on the runway, along taxiways and in aircraft parking areas. The contractor also repainted most of the line markings on the airfield.

OMAF, Air Force Job Order Contract

This year, 23 new job order contract projects were awarded. The scopes of work included the

installation of sewer lines, heating, ventilation, and air conditioning (HVAC) upgrades, transformer repairs, and the construction of additional storage space at the medical warehouse.



JOC Communication Lines

AREA IV PROJECTS

MILCON, Barracks and TEMF, Camp Carroll

The construction that started on Feb. 2012 continues. The eight-story barracks building is currently 62 percent complete. The concrete structure has been completed, and the interior systems are being constructed, as well as the site utilities. The facility will be a residence for personnel of the 501st Special Troop Battalion. The building is scheduled to be completed in Oct. 2015. The total project cost is \$27 million.



MILCON, Barracks and Dining Facility, Camp Henry

On Nov. 23, 2014 the construction of the barracks and dining facility at Camp Henry was concluded. The ten-story barracks building is now a residence for personnel of the 19th Expeditionary Sustainment Command. The

Barracks and TEMF, Camp Carroll

building has capacity for 298 personnel and provides amenities such as laundry facilities, landscaped surroundings, and a first class dining facility just a few feet away from the front entrance. The barracks ribbon cutting ceremony was held on Jan. 14, 2015, and the dining facility served its first meal in early February. The total construction cost is \$30 million.

MILCON, Construct Middle/High School, Camp Walker

This project was awarded on Sept. 26, 2014. Currently, the site work and foundation work is being performed. The future middle/high school will serve the areas of Daegu and Waegwan with a 21st century design. The project cost is \$29 million and the school is expected to be completed by Oct. 2016.

ROKFC, Fleet and Family Town Center, Chinhae Navy Base

Project awarded in Nov. 2010. The construction of the facility was completed on Jan. 2015. This facility houses multiple services such as the bank, post office, commissary, among others. The total construction cost is \$20 million.



ROKFC, Fleet and Family Town Center, Chinhae Navy Base



Barracks and TEMF, Camp Carroll

KUNSAN PROJECTS

FY13 DODM, Kunsan Medical/Dental Clinic Addition

This project is to construct a 15,000 square feet addition to the Kunsan Medical/Dental Clinic. The current medical facility at Kunsan is 27 percent undersized by Department of Defense 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. Bioenvironmental engineering, mental health and dental operations will be moved into the new facility. The contract was awarded on June 5, 2013 for about \$8.5 million, and the groundbreaking ceremony was on Sept. 24, 2013. The project is scheduled for completion on March 29, 2015 and is approximately 80 percent complete at the end of Dec. 2014.

FY13 OMAF, Renovate Dorm 339, 1407, and 1408

Renovations of dorms 339, 1407, and 1408 were completed and turned over in fiscal year 2014. The renovations were executed under three separate contracts with a combined value of \$15 million. Dorm 339 are company grade officer dorms and includes 40 rooms. Renovations included complete replacement of the interior finishes, new plumbing fixtures, new lighting fixtures, new EIFS and a new fire suppression system. Dorms 1407 and 1408 are both enlisted dorms and include 128 rooms each. Renovations included replacement of the interior finishes, new plumbing fixtures, new lighting fixtures, new EIFS, HVAC repairs, and a new fire suppression system.

Airfield Paving IDIQ

From mid-September through October, Kunsan Air Base did a 45-day runway shutdown to complete a major renovation on the airfield. Three Paving IDIQ DOs were complete during the runway shutdown with a total value of \$5.2 million. The DOs included replacing 612 PCC slabs on the runway and taxiways, cracks & spall repairs, and replacing the asphalt shoulder on the parallel taxiway. The repair work will greatly reduce foreign object damage hazards for the aircraft.

CY12 ROKFC-in-Kind, Munitions Storage Igloos

This project is to construct 14 new munitions storage igloos. The igloos are earth covered magazines that are rated to hold a net explosive



CY12 ROKFC-in-Kind, Munitions Storage Igloos



Aircraft Arm/Dearm Pad

weight of 500,000 lbs. The new igloos are 4.47-meter tall, 24.4-meter long, 8-meter wide, and will have a minimum of 75 meters of earth cover. The project was awarded on June 11, 2012 for about \$8.8 million. The project is approximately 85 percent complete at the end of Dec. 2014, and the contract completion date is June 12, 2015.

which is currently being done in seven different facilities. The new facility will include an armory, classrooms, holding area, warehouse, vehicle operations center and protected area for the electronic security system operations center. The project was awarded on Dec. 30, 2013 for about \$15 million. The project is 25 percent complete at the end of Dec. 2014, and the contract completion date is Aug. 12, 2015.

CY13 ROKFC-in-Kind, 35th & 80th AMU & Add to 35th AMU

This project is to construct two pre-engineered buildings (PEB's) and an addition to the 35th Aircraft Maintenance Unit (AMU) facility. The two PEB's are 50' x 60' and will be used by the Eighth Aircraft Maintenance Squadron to store weapons and flight-line equipment. The addition to the



FY13 DODM, Kunsan Medical/Dental Clinic Addition

CY13 ROKFC-in-Kind, ACFT Arm/Dearm Pad

This project is to construct a new arm/dearm pad and connecting taxiways. Kunsan Air Base currently does not have an adequate area for loading and off loading C-5 aircraft. This contract will remove the existing hot cargo pad and install a new loading area. The project was awarded on Dec. 30, 2013 for about \$7.8 million. The project is 45 percent complete at the end of Dec. 2014, and the contract completion date is June 9, 2015.

CY13 ROKFC-in-Kind, Security Forces Facility

This project is to construct a new security forces facility that will consolidate the security forces operations,



CY13 ROKFC-in-Kind, Security Forces Facility

35th AMU facility will provide 2,970 square feet of administrative and material support space. The project was awarded on Dec. 27, 2013 for about \$2.5 million. The project is 55 percent complete at the end of Dec. 2014, and the contract completion date is April 23, 2015.

CY13 ROKFC-in-Kind, Communication Squadron Facility

This project is to construct a new two-story communication squadron facility that will consolidate cyber functions that is currently located in six different facilities. The new facility will include administrative areas and a protected area to hold Kunsan Air Base's main communication infrastructure. The project was awarded on Dec. 26, 2013 for about \$14 million. The project is about 30 percent complete at the end of Dec. 2014, and the contract completion date is Sept. 30, 2015.

CY13 ROKFC-in-Kind, Convention Munitions Maintenance Facility



CY13 ROKFC-in-Kind, Communication Squadron Facility



CY13 ROKFC-in-Kind, Add to 35th Aircraft Maintenance Unit

This project is to construct a new conventional munitions maintenance facility. The new facility will include a munitions assembly bay, chaff and flare counter measure bay, 20 millimeter processing bay, receiving room, storage and office areas. The new facility will consolidate functions that are currently performed in three facilities. It will also remove the intraline distance restriction

of the current facilities that limits production capability. The project was awarded on Dec. 26, 2013 for about \$5.9 million. The project was 34 percent complete at the end of Dec. 2014, and the contract completion date is June 16, 2015.



CY13 ROKFC-in-Kind, Convention Munitions Maintenance Facility

ENGINEERING

- Cost Engineering Branch**
- Design Branch**
- Engineering Services Branch**
- Geotechnical and Environmental Engineering Branch**
- Technical Review Branch**

Cost Engineering Branch

In FY14, Cost Engineering Branch continued to work using the Corps of Engineers MII estimating software and started working with the Korean EMS estimating for Korea projects. The data base of Korean material approved for use on U.S. funded projects in Korea continues to update the approved material lists provided by the Specification Section in Design Branch. The JOC price book was updated to the current labor and prices in preparation for a new JOC IDIQ contract in 2015.

Cost Engineering Branch completed 21 Independent Government Estimates for MILCON projects including MCA, MCAF, OMA, OMAF, ROKFC, and IDIQ projects peninsula wide, totaling more than \$500 million. In addition to IGEs for new projects the branch completed 58 IGEs for Job Order Contracts and Basic Change Documents and 123 contract modifications totaling more than \$100 million dollars.

The cost engineering family is slowly changing with the retirement of some of our senior cost engineers and the influx of new and younger engineers. We welcomed Kim Po-min an Engineering Technician and Pak Myong-kuk in the position of general engineer.

Cost Engineering Branch continues to slowly change from the estimating of new projects to providing support to the Construction Services Branch for the basic change documents for ongoing construction projects. This trend is expected to continue for the next several years.

Design Branch

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 CY14 are the following design projects.

FY15 AFH, PN 81230, Army Family Housing New Construction, Camp Walker

The Design Branch designed a new 15-story Army Family Housing tower at Camp Walker that will house 90 families for the U.S. Army Garrison Daegu community. The spacious units range from three bedroom to five bedroom units. This construction will reduce the number of families living off post and will certainly create a stronger and more vibrant atmosphere for the families serving in Daegu. The tower units will offer beautiful views of the Camp Walker golf course and the families will enjoy the facility's recreational amenities of playgrounds and picnic areas. Construction will start this year with completion expected by the end of 2017.

CY14 ROKFC-in-Kind A11R925 Elementary School DoDDS040, USAG Humphreys

The Design Branch prepared a design of an elementary school for U.S. Army Garrison Humphreys. The design is an improvement of the current elementary school at the garrison with the implementation of 21st Century School Design Criteria in the classrooms of the school. The classrooms are designed to be more adaptable to the school's teaching needs, offering foldable walls to adjust classroom sizes and more media capabilities in the rooms to enable a greater range of teaching methods. If constructed, the addition of this elementary school will improve the already excellent school facilities at the garrison.



FY15 AFH, Army Family Housing New Construction, Camp Walker



CY14 ROKFC-in-Kind, Elementary School DoDDS040, USAG Humphreys

Engineering Services Branch

The Architect Engineer Contract Support Section has continued to provide a high quality AE negotiation services in spite of fluctuating workload as the District was experiencing declining design contracts in the YRP and MILCON programs. Headed by Robert Kiehm, P.E. who has a total of 49 years of engineering experience in the Government, the four-person team consisting of a Section Chief, two AE contract negotiators and a contract specialist has been able to accomplish all organizational missions in the face of dynamic workload by being flexible and maintaining a high degree of professionalism. Their dedication and attention to details have played a vital role in awarding most design contracts on time, especially toward the fiscal year end as more year-end-sensitive project requests were received from various customers. By the end of Fiscal Year 2014, a total of 138 contract actions including MODs with the total contract award amount over \$39 million were negotiated and awarded. The Program Team consisting of three outstanding program analysts has also provided exceptional services for the Engineering Division in accomplishing all financial services including Initial Budget/Mid-year Budget submissions, travel certifications, training management, awards processing and CEFMS transactions. By working and communicating closely with all members of the division, the team has been able to manage over \$26 million of the division budget in this fiscal year. In this fiscal year, ESB also managed three major reorganization actions which include realignment of the AE Contract Support Section under the

Design Management Section, reducing Korea Relocation Technical Support Branch down to Korea Relocation Technical Support Section and realigning the section under the Technical Review Branch, and combining Architectural/Master Plan Section with Civil/Structural Section under the Design Branch. These three reorganization actions saved two GS-13 and one GS-14 positions for the Engineering Division. In April 2014, Robert Kiehm retired from the Federal Service services after serving 49 years for the government. The Branch will continue to monitor its activities for optimum performance and will develop continuous improvement methods through the use of QMS to satisfy all mission requirements.

Geotechnical and Environmental Engineering Branch

CY2014 was a very busy period for the Branch in providing engineering and environmental support for major design and construction projects across Korea, and particularly for YRP and LPP activities at U.S. Army Garrison Humphreys. During this time, a significant Branch reorganization was implemented to better position the organization for probable future decreases in workload and associated staffing levels. Prior to reorganization, the Branch was composed of these four sections: Geotechnical, Environmental, Data Management, and Water Well Services. Several adjustments were then made to the Branch structure. The Survey Unit was moved from the Geotechnical Section to the Data Management Section, combining expertise in survey and

Geographic Information System technology. A new Geology and Hydrology Section was created, combining the Exploration Unit (previously within Geotechnical Section) and Water Well Services Section into one organization with shared geology and field exploration expertise. A reorganized Branch was led by these supervisors: Douglas Bliss (Chief, Geotechnical and Environmental Branch); Tu Nguyen (Chief, Geotechnical Section); Sarah Woo (Chief, Environmental Section); Pak Song-hyon (Chief, Geology and Hydrology Section); Pak Chun-pom (Chief, Data Management Section); Kim Kwang-chin (Chief, Materials Testing Lab); and Dr. Chon Son-chu (Chief, Environmental Testing Lab).

There were several important departures of Branch members during CY14. O Chin-sok (Chief, Water Well Services Section) retired in May 2014 after 39 years of outstanding service to the District and U.S. military installation customers. Jeff Taylor (Lead Geotechnical Engineer) left the District in June 2014, and a decision was made not to back-fill the position. Ilmar Tarikas (Lead Cartographic Technician, Survey Unit) departed the District in July 2014, and was awarded the de Fleury Medal (Steel) for his valued service to the District, U.S. Army Corps of Engineers, and Engineer Regiment. Yi Hun (Environmental Engineer) left the District in Aug. 2014. Nguyen departed the District in Oct. 2014, resulting in an unfilled vacancy for Chief, Geotechnical Section. The Branch closed CY14 with a total of 53 staff members, down from 59 positions at the beginning of the calendar year.

Our project execution team consisted of highly talented in-house professionals, skilled technicians, and dedicated administrative staff, assisted by multiple IDIQ contracts and reach-back USACE resources. During FY14, the Branch completed a total of 309 geotechnical, environmental, groundwater resource, geospatial, and laboratory/field testing projects, with a final balanced operating budget of \$8 million. The Branch provided in-country support to ERDC to evaluate the A-511 Airfield at Humphreys Garrison and teamed with other USACE members in conducting environmental evaluations of U.S. military installations in Korea for DLA. The Branch continued to advise the State Department on site conditions, project boundary issues, and site demolition requirements related to the new U.S. Embassy Compound to be constructed on Camp Coiner in the future. Frequent consultations were held with the USACE Transportation Systems Center and the Geotechnical/Materials Community of Practice to acquire the most up to date and applicable criteria and methodologies, addressing a number of challenging geotechnical and pavement related project issues.

In the area of Community Outreach, Branch members were key participants in initiating and implementing the District's educational partnership agreement with DoDDS Korea, centering on the STEM (Science, Technology, Engineering, and Math) program. The Branch organized and conducted several STEM-related events with DoDDS middle and high schools during CY14, which included classroom presentations, laboratory tours, STEM Shadow opportunities,



Members of Geotechnical and Environmental Engineering Branch participated in initiating and implementing the District's educational partnership agreement with DoDDS Korea, centering on the STEM (Science, Technology, Engineering, and Math) program.

a toothpick bridge design competition, and an earthquake tower design competition. An all-day Engineers Day was held at Seoul American High School during National Engineers Week (Feb. 20, 2014), with more than 300 middle and high school students participating in the STEM-related demonstrations and exercises.

The Branch received Army and USACE acquisition approval and completed contract actions in Dec. 2014 to procure an Unmanned Aerial Vehicle, specifically the Phantom 2 Vision plus VTOL (vertical take-off and landing) unit. Fielding of the UAV will occur in 2nd Quarter FY15 with further coordination with Eighth Army G3 Aviation. Geotechnical Section procured new downhole pressuremeter equipment and a Pitcher core barrel sampler to characterize hard to sample soil and weathered rock. These field devices were used in the foundation investigation for the 15-story Army Family Housing structure to be built on Camp Carroll. Geotechnical Section also procured ground penetration radar equipment to assist in locating (and avoiding) underground utilities during subsurface exploration activities. The Materials Testing Lab replaced outdated soil consolidometer equipment with automated, computer controlled instruments for increased efficiency in testing and data analysis. Providing accurate and timely information on potential ground settlement problems (soil consolidation) has been critical to land development and facility construction on installations such as U.S. Army Garrison Humphreys, Kunsan Air Base, and Pusan Storage Facility. Geotechnical staff performed key document reviews and on-site technical inspections for the KORCOM Operations Center, helping to resolve issues involving uplift anchor capacities for the underground facility. The Section continued to provide critical construction quality assurance support in the areas of laboratory and field materials testing, ground settlement monitoring, survey coordinate control, pavement evaluations, and performance monitoring and testing during foundation placement such as indicator pile testing.

The Environmental Section in-house laboratory was recertified in CY14 by the American Industrial Hygiene Association (asbestos testing) and the National Environmental Laboratory Accreditation Program (chemical testing), demonstrating continued high standards in analytical testing. The Section applied their environmental expertise in the investigation and subsequent mitigation of extensive contaminated soil at the planned Middle/High School project site on Camp Walker. Contaminated soil had to be removed prior to the start of school construction, with off-site disposal at a Republic of Korea permitted soil treatment facility. Section staff served as liaison between USFK and ROK government agencies, resulting in the successful removal and disposal of 2,500 cubic meters of fuel contaminated soil without adverse impact to the project schedule. The Environmental Section also

completed a wetlands enhancement project at U.S. Army Garrison Humphreys, resulting in a sustainable and ecologically-attractive site which enhances overall living conditions for the community.

The Data Management Section supported the Branch, District, and customer organizations by providing expert geospatial data analyses and products, sharing geospatial data, promoting database standards, and managing the District Geographic Information System. In CY14, the Section joined with Design Branch staff to initiate reviews of as-built construction drawings to verify compliance with required CADD and geospatial database standards, going one step further to convert certain as-built drawings into GIS-ready files for installation use. On the software side, the in-house Web-based GIS portal site was migrated from ArcGIS 9.2 to ArcGIS 10.2. Section staff collected field data and developed an environmental GIS dataset for the Public Works Division, Command Fleet Activity Chinhae. The Section also completed joint U.S.-ROK installation boundary surveys for these USFK installations: Daegu Air Base, Gimhae Air Base, Kwangju Air Base, Yecheon Air Base, Site Madison, Site Kamaksan, Kunsan POL, Site High Point, Camp Ames, and Site Beason. Essential geospatial assistance was provided in support of Branch project execution, keeping the Branch GIS up to date with acquired project data and imagery and generating specific geospatial products that greatly enhanced the analytical process. The Section also conducted quality assurance oversight of the Branch Materials Testing and Environmental Testing Laboratories and continued to develop and maintain the Branch project management databases.

The Geology and Hydrology Section is tasked with conducting subsurface exploration and geologic field investigations supporting the District's military design and construction program, and with developing and maintaining groundwater resources on USFK installations. The Section completed challenging site investigations for a number of design projects, to include: CY17 ROKFC-in-Kind Construct Morin Gate Entry Control Facilities, and Repair Main Runway, Osan AB; CY13 ROKFC 3rd MI Aircraft Maintenance Hangar Complex, U.S. Army Garrison Humphreys; and CY05 LPP-in-Kind H-805 Relocation from Camp Walker to Camp Carroll. Section staff conducted soil and water sampling, monitoring well construction, and borehole geophysical logging for environmental-related projects such as wellhead protection at Camp Walker and Camp Carroll, and for closure of the Hazardous Waste Storage Area at U.S. Army Garrison Humphreys. Branch services for developing and maintaining groundwater resources date back to 1966. During FY14, the Section conducted preventative and emergency maintenance on a total of 147 wells on 25 Army, Air Force, and Navy installations, providing approximately six million gallons of water per day for facility use. The Section

drilled and developed a new well at the Rodriguez Live Fire Complex, providing a maximum 93,000 gallons per day to meet the facility's increased water requirements.

Technical Review Branch

In FY14, the Technical Review Branch which consisted of Technical Review Section and Design Management Section was realigned with Engineering Services Branch; Design Management Section assumed the mission of AE Contract Support Section of ESB and Korea Relocation Technical Support Branch came under the Branch as a Section. The realignment of the Branch provides one stop design management service for project managers; it places all design management actions under the responsibility of design managers. The new Branch comprised of Technical Review, Design Management and Korea Relocation Technical Support Section will continue to provide efficient design quality management services during design and construction while responding to the changing work load.

Technical Review Section performed over 270 design quality assurance reviews of programs including Yongsan Relocation Plan, Land Partnership Plan, Republic of Korea Funded Construction-in-Kind, Operation and Maintenance and Military Construction-in-Kind Army projects, and repair projects. Tech Review Section with KRTSS worked closely with US Project Management Consortium and completed review of 95 projects of the local AE detailed drawings. The Section has started reviewing revision designs in response to the change requests as most of the YRP designs are in construction phase. TRS coordinated and consulted with the Center of Expertise and Center of Standardization and Regional Technical Center on the latest technical guidance and requirement for the most accurate and up-to-date code and criteria information. TRS disseminated new and updated criteria and codes for current and future projects to SOFA AEs and U.S. Project Management Consortium.

TRS reviewers closely worked with DMs and PMs, and the local AEs to resolve the issues; the reviewers actively supported and assisted to resolve request for information and prevented construction delays and increase in project costs. Two fire protection engineers, in addition to reviewing the designs, performed 379 project fire protection construction submittals (F-4025s) and shop drawing reviews and conducted 10 life and fire safety inspections.

In an effort to promote localization of off-shore construction materials required for the USFK base relocation program,

FED local material evaluation team continued in seeking qualified local materials that satisfy requirements of the DoD facility standards and criteria. As result TRS in collaboration with Construction Division and Design Branch reviewed 24 submittals, approved 17 items and published the updated local materials approval list in May and Sept. 2014. There are few local materials that are remaining in this program. This program will end in FY 2015 and this responsibility will be turned over to Construction Division.

Design Management Section took additional AE negotiation mission, building a one stop design management service provider to the project managers. The Section continues to serve as the Contracting Officer's Representatives' for various types of projects throughout Korean Peninsula, Area I, II and IV, Kunsan Air Base, and Osan Air Base. The Section managed 31 design projects: one DoDEA, two AFH, 22 CY14 and CY15 ROKFC-in-Kind projects. DMS continues to make a positive impact with design review comment close-out processes, and On-Board Reviews for 31 projects; DMs evaluated AE performance and performed partial and final payments to AEs. In addition, the section processed over 1,385 requests for information from 95 ongoing construction projects coordinating with SOFA AEs and Engineering Division's Design Branch preventing construction delays and cost increases. The entire Section attended and completed U.S. Army Prospect AE contracting course. Ms. Heather Choe came on board as a Design Manager for Area I, II, and IV on June 1, 2014 as Mr. Sin Choe moved to DPW, USAG Yongsan.

In 2014 Korea Relocation Technical Support Branch became a section under Technical Review Branch and renamed the Korea Technical Support Section. KRTSS has continued to be fully immersed in the Yongsan Relocation Plan, Land Partnership Plan, MILCON, ROKFC, ROKFC-in-Kind, and OMA projects located in USAG Humphreys, as well as several Commander, U.S. Naval Forces Korean projects located in Busan. KRTSS has provided design management and served as primary point of contact on design-related issues for these projects, working hand-in-hand with Korea Programs Relocation Office Project Managers and Construction Division's Project Engineers. The KRTSS team now consists of eight design managers, one engineering support assistant, a program analyst, an engineering technician, and a section chief. As the focus of the work at USAG Humphreys has shifted from Design to Construction, KRTSS has found that support to Construction Division has greatly increased in the form of resolving RFIs. At the end of 2014, Design Managers at KRTSS were also assigned to negotiate and award AE design contracts for USAG Humphreys projects with the first set of ROKFC-in-Kind projects being sent from USFK in early February.

CONTRACTING

Contracts Branch: Construction Section

Construct Army Family Housing-Senior Officers, USAG Humphreys

This project is to construct ten two-story, two-family duplexes (20 units, 270 square meter each) to accommodate Colonel or Commander-Level military personnel and their families. Each duplex family unit will have four bedrooms, direct entry access from the exterior, individual driveway with one-car garage or carport, exterior storage adjacent visitor parking, fenced-in private yard with patios and BBQ grill area.

- Contractor: Ilsung Construction Company, Ltd.
- Date of Award: Oct. 31, 2013
- Award Amount: \$11,181,546.52

Construct Middle/High School, Camp Walker

This project is to construct a split level two story, DoDEA 21st Century Middle/High School that is approximately 142,583 square feet. The new school will provide adequate academic facilities for 525 students in grades six to 12. The project includes site improvements such as visitor's and staff parking, bus drop-off with covered walkway, landscaping, bicycle racks, artificial turf playing field, marquee board, flagpoles, exterior lighting, and equipment yard. Interior spaces include 21st century neighborhood spaces with learning studios, group learning hubs, individual instruction, common areas with multi-purpose gathering spaces food service, dining hall, and dedicated performance space. The new school will also include JROTC facilities, gymnasium with auxiliary gym and showers, field sports equipment storage, information center, computer labs, career and technical education labs, music and art rooms, learning impaired classroom, occupation/physical therapy classroom, teacher work rooms, counseling areas, storage, administrative offices, and other required areas for a fully functioning middle/high school. The cafeteria, food service and information center areas were all sized for the future middle/high school population. The project also includes built-in cabinets, counters, storage closets, lockers, tack boards, whiteboards,

HVAC system, fire sprinkler system, plumbing, CCTV, cable TV, intercom/PA system, clock-bell system, telephone and LAN systems.

- Contractor: ETEC Engineering & Construction Ltd.
- Date of Award: Sept. 26, 2014
- Award Amount: \$28,953,797.52

Construct 2nd Infantry Division HQ Operation Area, USAG Humphreys

This project is to construct a 14,500 square feet secure facility containing administrative offices, an operation center and data center located in an unfinished portion of the proposed 2ID HQ facility. The facility will comply with Intelligence Community Directive 705 DoD Standards for overseas construction. The secure facility to be constructed is subject to strict design, construction, and operational requirements that limits contractor personnel's nationality and activities and requires strict security measures during all phases of development.

- Contractor: B.L. Harbert International, LLC.
- Date of Award: Oct. 10, 2014
- Award Amount: \$33,266,360

Repair Control Systems at the Wing Headquarters, Bldg #1305, Kunsan Air Base

This project is to repair and upgrade the entire heating ventilation and air conditioning system, collective protection system, plumbing system, fire protection system, and electrical system at the Wing Headquarters (Command Center) to meet current standards and codes.

- Contractor: Shin Woo Construction & Industrial Company, Ltd.
- Date of Award: Sept. 9, 2014
- Award Amount: \$4,411,881.94

Contracts Branch: Relocation Section

Joint Task Order 25 for Program Management services

Program Management services provide both ROK 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: Feb. 11, 2014
- Award Amount: \$11,770,140

Joint Task Order 26 for C4I Program Management services

C4I Program Management services include program leadership and project-level management services to both ROK 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: Feb. 11, 2014
- Award Amount: \$6,999,546

Purchase Branch: Supply & Services Section

POL Storage Tank System and OWS System Upgrades at Osan Air Base

This contract is to assist the U.S. Army Corps of Engineers, FED in support of U.S. Air Force Installations in Korea. The requirement is for the upgrade of multiple petroleum, oil, and lubricants storage tank systems and oil water separator systems in Osan. Twenty leak detection fuel monitoring systems will be installed as well as the installation of 14 double wall flexible piping. The contractor is also tasked with removing an oil/water separator and to assemble a wash water recycling wash rack system.

- Contractor: APEC
- Date of Award: Sept. 29, 2014
- Award Amount: \$1,768,000

Maintenance and Repair of Commissary Refrigeration and HVAC for Korea wide

This contract is for the maintenance and repair of refrigeration and heating, venting and air-conditioning at all Defense Commissary Agency facilities throughout the Korean Peninsula. The contractor performs periodic preventive maintenance at the frequency recommended by equipment manufacturers and/or the

best commercial practices. The contractor also provides emergency service 24 hours/day, seven days/week.

- Contractor: Sungwon Development Co., Ltd
- Date of Award: Nov. 16, 2014
- Award Amount: \$1,035,918

Removal, Repair, Closure, Upgrade, and Integration of Oil Water Separators Multiple Co-located Operating Bases

The project sites for this contract include Suwon, Daegu, Gimhae, Gwangju, and Cheongju co-located Air Bases, Korea. There are 24 existing underground concrete oil water separator systems located at the various sites. The effluent waters from these systems are currently discharged into the storm water drainage or sanitary sewer systems in lower-lying areas. When the water level rises during the rainy seasons, the existing OWS systems experience backwater flooding.

- Contractor: APEC
- Date of Award: Sept. 27, 2014
- Award Amount: \$740,927

Purchase Branch: A&E Section

Black Hat, USAG Humphreys

Design to construct a sensitive compartmented information facility for military intelligence operations, other utility buildings, warehouse, an entry control point and all standard supporting facilities.

- Contractor: Thomas J. Davis, Inc.
- Date of Award: July 12, 2012
- Award Amount: \$7,101,585

Korea Air and Space Operations Center (KAOC), Osan Air Base

Conduct a design charrette to validate the scope and costs to construct a U.S. and ROK shared facility (construct a facility totaling 40,142 square meters combined Korea Air Operations Center) complying with Intelligence Community Directive 705 requirements.

- Contractor: Thomas J. Davis, Inc.
- Date of Award: July 18, 2014
- Award Amount: \$1,288,086

3rd MI Battalion Aircraft Maintenance Hangar Complex, USAG Humphreys

Conduct full design for the 3rd Military Intelligence Battalion Aircraft Maintenance Hangar Complex, which will result in a 3-story modified aviation maintenance hangar; fixed wing; that meets the requirements of a Certified 14 CFR Part 145 FAA Repair Station, and meets the Army Aviation Facility (TI 800-01 Appendix K) standards for the 3rd MI BN Aerial Exploitation.

- Contractor: AMOR A&E, Inc.
- Date of Award: March 14, 2014
- Award Amount: \$3,085,644

Relocation from Camp Walker to Camp Carroll

Construct facilities to support the relocation of flight operations (relocation of H-805 heliport) from Camp Walker to Camp Carroll.

- Contractor: MM International, LLC.
- Date of Award: Jan. 21, 2014
- Award Amount: \$1,038,931

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 continued to maintain our funds control processes and ensure proper fiscal stewardship of our limited resources.

We reviewed, analyzed, and interpreted all CFO issues to ensure fiscal compliance during the year. As a result, the District reported accurate CFO account status and timely corrective ac-

tions to ensure monthly compliance. RM monitored and reported GREEN ratings for the CFO Act status as of Sept. 30, 2014, i.e., Payroll, Labor Cost Transfer Support and Approval, Property, Plant and Equipment, ULOs Dormant for 240 days and Accounts Payable.

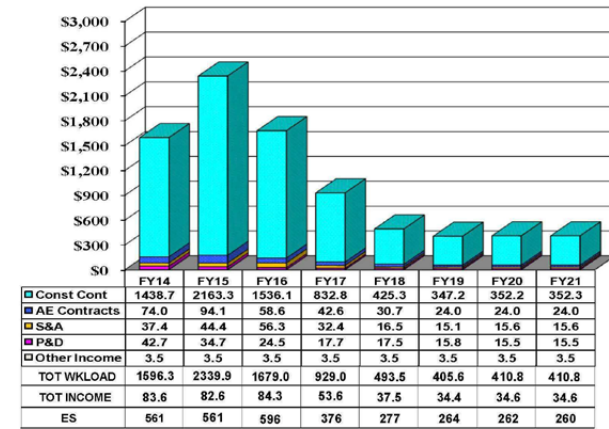
The actual workload and income comprised of \$1,078 million of construction placement, \$62 million of AE/other contract, and \$79 million of in-house S&A and P&D cost. The workload and income reflected a steady increase in the Yongsan Relocation Plan and shifting of workload from Design to Construction.

Our Sept. 30 manpower end strength was 549 with the following

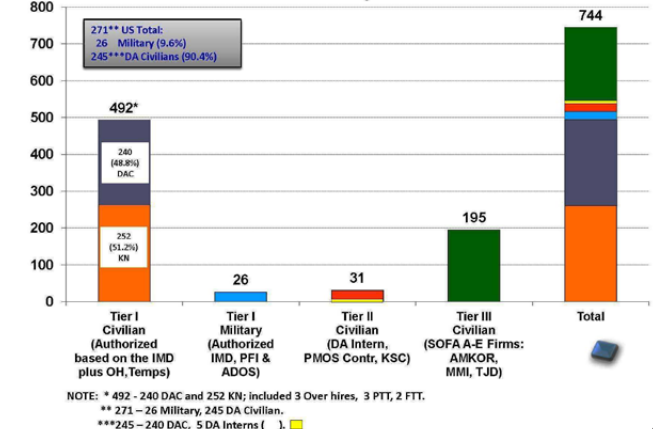
breakdown: Tier I – 518 (240 DAC / 252 KN / 26 Military); Tier II – 31 Interns, PMOS contractors, KSC; Tier III – 195 (SOFA AE Firms). Our civilian end strength incurred a net loss of 22 employees based on the numbers of gains and losses that occurred during the year. We gained 56 but lost 78 employees throughout the year. Of the net losses, 19 were related to DAC positions.

We accepted \$378.8 million for project execution from the following sources: \$44.8 million Direct Funds (\$44.3 million were for MILCON projects) and \$334 million Reimbursable Funds: \$237 million were for Host Nation projects. Roughly 58 percent of our projects funding were related to

FY14 - FY21 Annual Workload (\$M)



On-Board Manpower Resources for FED Mission as of 30 Sep 14



Host Nation projects.

We monitored and guided the District to meet our CCG overhead account balances by closely monitoring our CDO and G&A rates of 42 percent and 22 percent respectively. The direct/indirect labor charging for FY14 Budget and actual were 85 percent /15 percent and actual 85.4 percent/14.6 percent respectively which was one of the highest direct labor charges throughout the region. In addition, our S&A Flat Rate report Income/Expenses for the month ended Sept. 2014 was a net income of \$5.78 million.

The DAC and KN Effective rates were 218 percent and 145 percent respectively, Korean National Payroll rate adjusted on Dec. 12, 2012 from 1070 won/\$1 to 1040 won/\$1 and Local Obligation rate adjusted on May 2014 from 1020 won/\$1 to 980 won/\$1. As the Dollar weakens against the Korean Won, these adjustments were necessary to ensure adequate obligations to meet our future disbursements.

On the budgetary side, we participated in the development of two balanced FY14 Initial and Mid Year budgets with a workload and income of \$1,279.5 million/\$86.7 million and \$1,596 million/\$83.5 million respectively. The net result of our budgetary process was an actual workload and income of \$1,220.3 million/\$78.8 million or 94 percent execution with \$58 million and \$20.8 million of direct and indirect expenditures respectively.

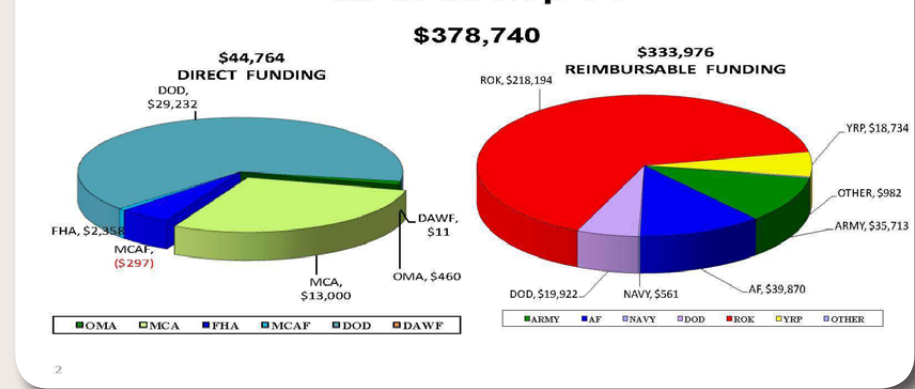
For our fund control process, during the ULO phase I, II, III, and IV re-

views, the district reviewed \$687,928,795.44, \$516,123,719.57, \$1,181,683,690.93, and \$1,121,029,409.12 balances respectively. In all four phases, RM successfully reviewed and adjusted \$43,217,107.20 of the total balance of \$3,506,765,615.06 or 1,601 adjusted transactions. The following is a recap of the total reviewed items: Total reviewed = 9,735 valued at \$3.506 billion; Cancelling Appropriations items reviewed = 433 valued at \$11.2 million; Inactive items = 1,666 valued at \$1.325 billion; Less than \$100 and 90 days and older items = 619 valued at \$27,156.25; Inter-agency items = 209 valued at \$28 million; Expired items = 2,309 valued at \$791.3 million; Other items = 4,499 valued at \$1,351.1 billion; Adjusted items = 1,601 valued at \$43.2 million.

In addition, we served as subject

area expert for USACE regarding Republic of Korea Funded Construction Limited Depository Account and ensured that funds accepted from the Host Nation through USFK is in accordance with generally accepted accounting principles and with the Burden Sharing & Relocation statutes/10 USC 2350j/10 USC 2350k. This year we implemented procedures in accordance with 10 USC 2350K to utilize an Irrevocable Letter of Credit for our Yongsan Relocation Plan. Coordination was accomplished between OMB, OSD, Treasury, HQDFAS, USFK and the Corps. The effort took approximately three to four months to work through the details and gain acceptance for the most efficient and effective means to process ILOC payments through various organizations and ensure 14-day on-time contractor payments.

Funding by Source (\$000) as of 30 Sep 14





BUILDING STRONG® IN KOREA