Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Office of Secretary Of Defense

R-1 ITEM NOMENCLATURE

0400: Research, Development, Test & Evaluation, Defense-Wide

APPROPRIATION/BUDGET ACTIVITY

PE 0604400D8Z: Unmanned Aircraft Systems Common Development

DATE: April 2013

BA 4: Advanced Component Development & Prototypes (ACD&P)

COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	24.161	12.368	8.300	-	8.300	4.321	3.653	3.979	4.375	Continuing	Continuing
P440: UAS Airspace Integration	-	13.591	8.482	4.740	-	4.740	2.311	1.633	1.848	2.133	Continuing	Continuing
P442: Interoperability	-	10.282	3.455	3.060	-	3.060	1.500	1.500	1.600	1.700	Continuing	Continuing
P443: Unmanned Systems Road Maps	-	0.288	0.431	0.500	-	0.500	0.510	0.520	0.531	0.542	Continuing	Continuing

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

Note

PE 0305220F: GLOBAL HAWK DEVELOPMENT/FIELDING contains funding for the Common-ABSAA development.

PE 0305219A: MQ-1 Sky Warrior A UAV contains additional funding for GBSAA development.

PE 0305220N: RQ-4 UAV (BAMS UAS) contains funding for an initial common RQ/MQ-4 ABSAA capability via a Pilot In The Loop (PITL) Due Regard system.

The FY2014 President's Budget transfers \$83.169M (FYDP) to the above UAS programs' PEs.

A. Mission Description and Budget Item Justification

The level of resourcing for the Unmanned Aircraft Systems (UAS) Common Development program reflects iterative reductions from efficiencies and budget reductions, which reduces the Department's ability to develop flexible responsive solutions to emerging war fighter needs. The Department of Defense (DOD) UAS Common Development is a joint effort to develop and demonstrate common standards, architectures, and technologies that address UAS-specific issues across all Military Services. The intent is to increase interoperability and effectiveness by promoting cooperative development of solutions that are applicable across major classes of UAS. This effort will initially focus on addressing DOD UAS integration into the National Airspace System (NAS) and demonstration of a common, interoperable ground station architecture and associated interface standards.

^{##} The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Office of Secretary Of Defense

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)

Congressional Directed Transfers

PE 0604400D8Z: Unmanned Aircraft Systems Common Development

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	24.289	12.368	25.745	-	25.745
Current President's Budget	24.161	12.368	8.300	-	8.300
Total Adjustments	-0.128	0.000	-17.445	-	-17.445
 Congressional General Reductions 	-	-			
 Congressional Directed Reductions 	-	-			
 Congressional Rescissions 	-	-			
Congressional Adds	_	_			

• Reprogrammings

• SBIR/STTR Transfer • Adjustments -0.128

-17.445 - -17.445

DATE: April 2013

Change Summary Explanation

The FY2014 President's Budget transfers \$83.169M (FYDP) to the above UAS programs' PEs. In FY2014 the transfer is \$17.445M.

Exhibit R-2A, RDT&E Project Ju	ustification	: PB 2014 (Office of Sec	retary Of D	efense)					DATE: Apr	il 2013	
	APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide					NOMENCL 00D8Z: <i>Unn</i>			PROJECT P440: UAS	S Airspace I	ntegration	
BA 4: Advanced Component Dev	elopment &	Prototypes	(ACD&P)		Systems C	Common De	velopment			•	•	
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
P440: UAS Airspace Integration	-	13.591	8.482	4.740	-	4.740	2.311	1.633	1.848	2.133	Continuing	Continuing
Quantity of RDT&E Articles												

^{*}FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

Note

ABSAA and GBSAA technology development transitions to UAS programs of record during FY2013.

A. Mission Description and Budget Item Justification

Global Hawk (GH) and the Triton, as well as other Group 3-5 UAS, need a sense-and-avoid (SAA) capability as an alternate means of compliance to Title 14 Code of Federal Regulations, Part 91.111 and Part 91.113, requirement to see-and-avoid other aircraft. The Global Hawk was selected as the as the flagship platform for Airborne Sense and Avoid (ABSAA). The MQ-4C Triton, MQ-1B Predator, MQ-1C Gray Eagle, and MQ-9 Reaper have similar requirements for SAA capability; their SAA technology development will leverage the Common-ABSAA technology. Development of a Ground Based Sense-and-Avoid (GBSAA) system using existing technology can provide a near-term solution for improved airspace access, both for terminal operations (e.g., Beale AFB, GH transit to/from controlled airspace) and for operations/training within the GBSAA system's coverage area (e.g., Gray Eagle at El Mirage, Shadow operations at Cherry Point).

Provides joint funding to support development of standards, modeling and simulation tools, and technology to enable DoD UAS to routinely access the national and international airspace systems.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2012	FY 2013	FY 2014	
Title: Unmanned Aircraft System Airspace Integration Initiatives	13.591	8.482	4.740	
Description: Starting in FY 2010 the Department's sense-and-avoid (SAA) developmental efforts are enhanced by this defense-wide program element. This program provides joint funding to accelerate the development of SAA technology and standards to enable UAS to routinely access the national and international airspace systems. This program also develops UAS airspace integration requirements and standards, as well as the modeling, simulation, and operational analysis tools needed to validate the systems and standards.				
FY 2012 Accomplishments: ABSAA - Concluded the Phase 1A effort after delivery of initial software requirements. The ABSAA design includes an integrated suite of sensors, decision logic algorithms, data recording, pilot displays, and prognostics & health management (P&HM) necessary to manage collision risk to an acceptable level of safety across the expected range of operational scenarios and mission environments for Global Hawk and other Group 3-5 UAS.				

^{##} The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary C	Of Defense		DATE:	April 2013	
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0604400D8Z: Unmanned Aircraft Systems Common Development	PROJECT P440: UAS		ce Integration	,
B. Accomplishments/Planned Programs (\$ in Millions)		FY	2012	FY 2013	FY 2014
Standards Development - Updated MIL-HDBK-516 for UAS airworthiness (1 standards, 35% complete on methods of compliance) for both fixed and rotar for conducting a system safety assessment to calculate the accepted risk for System. Through a series of workshops captured Services' UAS airspace in requirements and safety guidelines within appropriate standards developme Integration (AI) Use Cases based upon the current AI CONOPs and operation Terminal Area and Lateral Transit operations. Developed an Operational Ca airspace integration activities needed to support a predefined set of UAS op Modeling & Simulation (M&S) - Provided modeling, simulation and analysis efforts, as well as the safety analysis activities. Completed development of radar cross section models. Developed a deterministic tool for evaluating se	ry wing UAS. Developed a proposed methodology operating UAS within the National Airspace integration lessons learned. Coordinated performing organizations (SDOs). Developed UAS Airspanal assessments of current and planned UAS Appability Tracking Tool for assessing progress of cerational capabilities. (MS&A) to the FY2012 requirements and standar a Common Intruder Database, with representationse and avoid algorithms and CONOPS.	ance ace N f the ards ve			
GBSAA – The Army completed development of system level requirements for requirements as a starting point and with Service participation focused on de requirements for a universal GBSAA solution. The collaborative effort include Services' processes for Software Certification for Airworthiness. The Army of demonstrated their Phase 1 and 2 GBSAA systems in June 2012 utilizing the	evelopment and demonstration of a common ser ded a workshop to identify commonalities among continued development of GBSAA technology a	of the			
FY 2013 Plans: ABSAA - Development transitions to Service Programs of Record funding with the service Program of Record funding with the service Program of Record funding with the service Program of Record funding Program of Record fundin	ith a re-planned acquisition strategy.				
Standards Development - Continue the update of MIL-HDBK-516 for airwort for both fixed and rotary wing UAS, and SAA systems. Refine tool develope parties on the ground for calculating accepted risk for operating UAS within Conduct an ongoing analysis of UAS Airspace Integration Safety Case lesses safety gaps as identified by the Sense and Avoid Research Panel (SARP), within appropriate standards development organizations (SDOs). Update the analysis to assist DoD in overcoming UAS AI challenges. Continue to maintain assessing progress of the AI activities needed to support all UAS operations.	ed to determine Target Level of Safety (TLS) to 3 the National Airspace System over populated a cons learned. Conduct analysis to address high p Coordinate system requirements and safety gui- te current UAS AI CONOPS and conduct operate tain the Operational Capability Tracking Tool for	ord reas. riority delines ional			
Modeling & Simulation (M&S) - Support modeling, simulation and analysis (I identified by the SARP.	MS&A) to address high priority research gaps, a	s			

Exhibit R-2A , RDT&E Project Justification : PB 2014 Office of Secretary Of D	Defense		DATE:	April 2013	
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0604400D8Z: Unmanned Aircraft Systems Common Development	PROJECT P440: UAS		ce Integration	1
B. Accomplishments/Planned Programs (\$ in Millions)		FY	2012	FY 2013	FY 2014
GBSAA – Continue efforts begun in FY2012 to provide a common set of GBSA applicable across all Services. Specific focus of the collaborative effort will incl Develop a common set of templates for the Safety Case documentation for sub Army work. Continue design and development of GBSAA system technology. which is the integration of GBSAA and ABSAA. GBSAA development begins to	lude maneuver algorithms and operator displa omission to certifying authorities by leveraging Begin deliberate planning for GBSAA Phase 3	uys. U.S. 3,			

FY 2014 Plans:

Standards Development - Complete and publish the update of MIL-HDBK-516 for airworthiness criteria, standards, and methods of compliance for both fixed and rotary wing UAS, and SAA systems. Conduct an ongoing analysis of UAS Airspace Integration Safety Case lessons learned. Conduct analysis to address high priority safety gaps as identified by the SARP. Coordinate system requirements and safety guidelines within appropriate standards development organizations (SDOs). Conduct operational analysis to assist DoD in overcoming UAS AI challenges. Continue to maintain the Operational Capability Tracking Tool for assessing progress of the AI activities needed to support all UAS operational capabilities.

Modeling & Simulation (M&S) - Support modeling, simulation and analysis (MS&A) to address high priority research gaps, as identified by the SARP.

Accomplishments/Planned Programs Subtotals 13.591

4.740

8.482

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Office of Secretary Of Defense

APPROPRIATION/BUDGET ACTIVITY R-1 I

0400: Research, Development, Test & Evaluation, Defense-Wide

BA 4: Advanced Component Development & Prototypes (ACD&P)

R-1 ITEM NOMENCLATURE

PE 0604400D8Z: Unmanned Aircraft Systems Common Development

PROJECT

P440: UAS Airspace Integration

DATE: April 2013

Product Developmer	nt (\$ in Mi	illions)		FY 2	012	FY 2	013	FY 2 Ba		FY 2		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
ABSAA	MIPR	Various:Various	-	1.441		1.400		0.000		-		0.000	Continuing	Continuing	
GBSAA	Various	PM UAS / NAVAIR:AL / MD	-	6.233		2.000		0.000		-		0.000	Continuing	Continuing	
Airworthiness	Various	AED / AFMC / NAVAIR:AL / OH / MD	-	2.247		1.627		1.300		-		1.300	Continuing	Continuing	
		Subtotal	0.000	9.921		5.027		1.300		0.000		1.300			

Remarks

ABSAA and GBSAA technology development transitions to the Services during FY2013.

Support (\$ in Million	ıs)			FY 2	2012	FY 2	013		2014 ise	FY 2		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
Integration Analysis	MIPR	Various:Various	-	1.667		2.000		2.000		-		2.000	Continuing	Continuing	
UAS Task Force	MIPR	Various:Various	-	2.003		1.455		1.440		-		1.440	Continuing	Continuing	
		Subtotal	0.000	3.670		3.455		3.440		0.000		3.440			

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	13.591	8.482	4.740	0.000	4.740			İ

Remarks

Exhibit R-2A, RDT&E Project Ju	ustification	: PB 2014 (Office of Sec	cretary Of D	Defense					DATE : Apr	ril 2013		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)				PE 060440	NOMENCL 00D8Z: Unn Common De	nanned Airc	raft	PROJECT P442: Inter	operability				
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost	
P442: Interoperability	-	10.282	3.455	3.060	-	3.060	1.500	1.500	1.600	1.700	Continuing	Continuing	
Quantity of RDT&E Articles													

^{*} FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

A. Mission Description and Budget Item Justification

The UAS Common Ground Station Demonstration project will develop and demonstrate an interoperable, standards-based, open ground station architecture for RQ/MQ-4 (Global Hawk/Triton), MQ-1 (Predator/Gray Eagle), MQ-5 (Hunter), MQ-8 (Fire Scout), MQ-9 (Reaper), and future UAS. The intent is to improve joint- and coalition-interoperability and to promote competition through the implementation of open standards and open architectures.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2012	FY 2013	FY 2014
Title: UAS Common Ground Station Demonstration	10.282	3.455	3.060
Description: Develop and demonstrate an interoperable, standards-based, open ground station architecture for RQ/MQ-4 (Global Hawk/TRITON), MQ-1 (Predator/Gray Eagle), MQ-5 (Hunter), MQ-8 (Fire Scout), MQ-9 (Reaper), and future UAS. The intent is to improve joint- and coalition-interoperability and to promote competition through the implementation of open standards and open architectures.			
FY 2012 Accomplishments: Completed development of an "Open" approach to v2.2 (buildable architecture) which can be transitioned to Programs of Record and user communities. Capitalized on new opportunities for synergy in the areas of common display nomenclature. Demonstrated Bi-Directional Remote Video Terminal control of a Shadow UAS system using the developed open architecture.			
FY 2013 Plans: Develop and demonstrate an interoperable, standards-based, open ground station architecture for RQ/MQ-4 (Global Hawk/TRITON), MQ-1 (Predator/Gray Eagle), MQ-5 (Hunter), MQ-8 (Fire Scout), MQ-9 (Reaper), and future UAS. Ensure open architecture requirements are adopted across the Military Departments and are incorporated into v3.0 of the architecture.			
FY 2014 Plans: Develop and sustain governance over ground station open architecture, ensure model driven architecture stays current, and maintain software and architecture repository.			
Accomplishments/Planned Programs Subtotals	10.282	3.455	3.060

^{##} The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secreta	ry Of Defense	DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0604400D8Z: Unmanned Aircraft Systems Common Development	P442: Interoperability
C. Other Program Funding Summary (\$ in Millions)		
N/A		
Remarks		
D. Acquisition Strategy		
n/a		
E. Performance Metrics		
n/a		
11/4		

PE 0604400D8Z: *Unmanned Aircraft Systems Common Development* Office of Secretary Of Defense

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Office of Secretary Of Defense DATE: April 2013 APPROPRIATION/BUDGET ACTIVITY **R-1 ITEM NOMENCLATURE PROJECT** 0400: Research, Development, Test & Evaluation, Defense-Wide PE 0604400D8Z: Unmanned Aircraft P442: Interoperability BA 4: Advanced Component Development & Prototypes (ACD&P) Systems Common Development FY 2014 FY 2014 FY 2014 **Product Development (\$ in Millions)** oco FY 2012 FY 2013 Base Total Contract Target Method Performing All Prior Award Award Award Award **Cost To** Total Value of **Cost Category Item** & Type Activity & Location Years Cost Date Cost Date Cost Date Cost Date Complete Cost Contract Cost COLSA:Huntsville. **UCS Architecture** MIPR 8.259 2.670 2.403 2.403 Continuing Continuing ΑI Subtotal 0.000 8.259 2.670 2.403 0.000 2.403 FY 2014 FY 2014 FY 2014 Support (\$ in Millions) FY 2012 FY 2013 Base oco Total Contract Target Method Performing All Prior Award Award Award Award Cost To Total Value of **Cost Category Item** & Type Activity & Location Years Cost Date Cost Date Cost Date Cost Date Cost Complete Cost Contract **UAS Control Segment** MIPR Various:Various 0.677 0.095 Continuing Continuing (UCS) Working Group 0.000 Subtotal 0.677 0.095 0.000 0.000 0.000 FY 2014 FY 2014 FY 2014 Management Services (\$ in Millions) FY 2012 FY 2013 Base oco Total Contract Target Method Performing All Prior Award Award Award Award Cost To Total Value of **Activity & Location Cost Category Item** & Type Years Cost Date Cost Date Cost Date Cost Date Cost Complete Cost Contract Contract Management MIPR SMDC:Huntsville, AL 0.462 0.150 0.135 0.135 Continuing Continuing COLSA:Huntsville, **MIPR** 0.527 Contract Execution 0.180 0.162 0.162 Continuing Continuing NSWC Panama City, **MIPR** 0.360 Continuing Continuing Program Management 0.357 0.360 0.360 FL:Panama City, FL Subtotal 0.000 1.346 0.690 0.657 0.000 0.657 Target All Prior FY 2014 FY 2014 FY 2014 **Cost To** Total Value of FY 2013 Years FY 2012 Base oco Total Complete Cost Contract 10.282 3.455 0.000 **Project Cost Totals** 0.000 3.060 3.060 Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)						NOMENCLA 00D8Z: Unn Common De	nanned Airc	raft	PROJECT P443: Unmanned Systems Road Maps			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
P443: Unmanned Systems Road Maps	-	0.288	0.431	0.500	-	0.500	0.510	0.520	0.531	0.542	Continuing	Continuing
Quantity of RDT&F Articles												

^{*}FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

A. Mission Description and Budget Item Justification

This effort supports the Department's Unmanned Systems Roadmap and updates. The Unmanned Systems Roadmap provides a DoD vision for the continuing development, fielding and employment of unmanned systems technologies. This roadmap defines a common vision, establishes the current state of unmanned systems in today's force, and outlines a strategy for the common challenges that must be addressed to achieve the shared vision. Funding for this effort was contained within P440 and P442 of this Program Element before FY 2012.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2012	FY 2013	FY 2014
Title: Unmanned Systems Roadmap	0.288	0.431	0.500
Description: Develops the Department's Unmanned Systems Roadmap and updates.			
FY 2012 Accomplishments: Began the update for the Department's Unmanned Systems Roadmap, 2013 - 2038 and performed related studies supporting the Department's vision for unmanned systems.			
FY 2013 Plans: Update the Department's Unmanned Systems Roadmap and perform related studies supporting the Department's vision for unmanned systems.			
FY 2014 Plans: Update the Department's Unmanned Systems Roadmap and perform related studies supporting the Department's vision for unmanned systems.			
Accomplishments/Planned Programs Subtotals	0.288	0.431	0.500

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

^{##} The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secreta	DATE: April 2013				
APPROPRIATION/BUDGET ACTIVITY 1400: Research, Development, Test & Evaluation, Defense-Wide 15A 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0604400D8Z: Unmanned Aircraft Systems Common Development	PROJECT P443: Unmanned Systems Road Maps			
D. Acquisition Strategy N/A					
E. Performance Metrics					
Provide up-to-date Unmanned Systems Roadmap providing a DoD vis	sion for the continuing development, fielding and e	mployment of unmanned systems technologies.			

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Office of Secretary Of Defense

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

0400: Research, Development, Test & Evaluation, Defense-Wide

BA 4: Advanced Component Development & Prototypes (ACD&P)

R-1 ITEM NOMENCLATURE

PE 0604400D8Z: Unmanned Aircraft Systems Common Development

PROJECT

P443: Unmanned Systems Road Maps

Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
UMS Roadmap	Various	Various:Various	-	0.288		0.431		0.500		-		0.500	Continuing	Continuing	
	1	Subtotal	0.000	0.288		0.431		0.500		0.000		0.500			
			All Dries					EV	2044		2044	EV 2044	Coat To	Total	Target

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	0.288	0.431	0.500	0.000	0.500			

Remarks