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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE							
1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)					PE 0604653N: JT Cntr Radio Controlled IED Elec War (JCREW)							
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	111.288	60.853	71.300	20.874	-	20.874	15.006	6.003	6.008	6.000	Continuing	Continuing
3177: Joint Counter Radio-Controlled IED Elec Warfare	111.288	60.853	71.300	20.874	-	20.874	15.006	6.003	6.008	6.000	Continuing	Continuing

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

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

Note

A Memorandum of Understanding (MOU) will be developed to detail the transition of JCREW Executive Agent responsibilities to the Army starting in FY15.

A. Mission Description and Budget Item Justification

Provides for the research and development of EW systems, equipment, procedures, and tactical aids for all military services against the threat posed by Radio-Controlled Improvised Explosive Devices (RCIEDs) and to prevent initiation of RCIEDs across the spectrum of Joint military operations. The Navy has been designated as DOD Executive Agent and Single Manager for Military Ground-Based Counter Radio-Controlled Improvised Explosive Warfare (CREW) Technology by DOD Directive 5101.14 of 11 June 2007, requiring RDT&E to develop capabilities that meet global joint requirements. Utilize Joint requirements to provide a system of systems approach for a suite of equipment for mounted, dismounted, and fixed site operations; provide Joint CREW development of equipment, procedures, and tactical aids to make rapid improvements to performance, supportability and affordability, while maintaining pace with a migrating global threat.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	62.044	71.300	27.600	-	27.600
Current President's Budget	60.853	71.300	20.874	-	20.874
Total Adjustments	-1.191	0.000	-6.726	-	-6.726
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.191	0.000			
• Program Adjustments	0.000	0.000	-0.097	-	-0.097
• Rate/Misc Adjustments	0.000	0.000	-6.629	-	-6.629

Change Summary Explanation

Technical: Not applicable.

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Schedule: Not applicable.		

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 ITEM NOMENCLATURE PE 0604653N: JT Cntr Radio Controlled IED Elec War (JCREW)				PROJECT 3177: Joint Counter Radio-Controlled IED Elec Warfare			
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
3177: Joint Counter Radio-Controlled IED Elec Warfare	111.288	60.853	71.300	20.874	-	20.874	15.006	6.003	6.008	6.000	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
Provides for the research and development of EW systems, equipment, procedures, and tactical aids for all military services against the threat posed by Radio-Controlled Improvised Explosive Devices (RCIEDs) and to prevent initiation of RCIEDs across the spectrum of Joint military operations. The Navy has been designated as DOD Executive Agent and Single Manager for Military Ground-Based Counter Radio-Controlled Improvised Explosive Warfare (CREW) Technology by DOD Directive 5101.14 of 11 June 2007, requiring RDT&E to develop capabilities that meet global joint requirements. Utilize Joint requirements to provide a system of systems approach for a suite of equipment for mounted, dismounted, and fixed site operations; provide Joint CREW development of equipment, procedures, and tactical aids to make rapid improvements to performance, supportability and affordability, while maintaining pace with a migrating global threat.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)										FY 2012	FY 2013	FY 2014
Title: Joint Counter Radio-Controlled IED Elec Warfare										60.853	71.300	20.874
										Articles: 0	0	0
Description: Supports the effort required for the design, engineering, development, fabrication and test of contractor's development models for in-house verification and validation for governmental developmental testing for JCREW System of Systems (SoS) to include the Engineering Manufacturing and Development (EMD) Phase. The JCREW SoS approach includes three distinct capabilities that shall be developed and will utilize common component, software, and hardware solutions for an open, flexible, and compatible system design approach that is modular. These capabilities are: mobile dismounted operations, mobile ground, and waterborne transport and combat systems (mounted) and semi-permanent geographical area (fixed) systems. All capabilities will have coalition sharing capabilities. Multiple awards were made for all capabilities for development up through Critical Design Review (CDR).												
FY 2012 Accomplishments: Complete the Critical Design Review (CDR) and initiate material procurements in preparation for Engineering Development Model (EDM) fabrication.												
FY 2013 Plans:												

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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0604653N: <i>JT Cntr Radio Controlled IED Elec War (JCREW)</i>			PROJECT 3177: <i>Joint Counter Radio-Controlled IED Elec Warfare</i>				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2012	FY 2013	FY 2014		
Fabricate EDMs of Mounted, Fixed Site, and Dismounted systems and conduct contractor demonstration testing. Initiate document preparations in support of an FY14 Milestone C.											
FY 2014 Plans: Successfully complete initial delivery of Mounted, Fixed Site, and Dismounted EDM systems to the government with completed Factory Qualification Test (FQT) of hardware, software, and firmware. Complete Government Development Testing. Successfully complete MS C and initiate procurement of Long Lead Time Material for the Low Rate Initial Production of systems.											
Accomplishments/Planned Programs Subtotals							60.853	71.300	20.874		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• OPN/5509: <i>Explosive Ordnance Disposal Equip</i>	41.067	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	41.067
Remarks											
D. Acquisition Strategy SDD Phase: Two contractors to CDR - Single contractor CDR to MS C. Sole Source LRIP to support DT, MOTE, IOC, setup and maintain warm Production Line per DoDI 5000.02 and OEM Depot Line until FRP decision, FRP Production Line Start Up and Ramp Up and FRP Organic Depot Line Startup and Ramp Up. Spares support and OEM Depot will be utilized during LRIP phase. Establishment of Organic Depot capability during LRIP phase in support of FRP Decision Review with Weapons System Support Center Mechanicsburg as Primary Inventory Control Activity (PICA) coordinating with other service ICAs for USAF and USMC. Full Rate Production contract will be full and open competition using LRIP final Tech Data Package (TDP) with Government Purpose Rights (GPR).											
E. Performance Metrics Gate 6 Milestone B complete 10 Jul 2009; Contract for Preliminary Design Review (PDR) awarded 01 Oct 2009; achieved successful Preliminary Design Reviews (PDRs) April 2010; achieved successful Critical Design Review (CDR) Oct 2012; Milestone C anticipated in Q4 FY14.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)						R-1 ITEM NOMENCLATURE PE 0604653N: JT Cntr Radio Controlled IED Elec War (JCREW)						PROJECT 3177: Joint Counter Radio-Controlled IED Elec Warfare			
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 Complete	Total Cost	Target Value of Contract
Primary Hardware Development	Various	Exelis:NJ	9.992	2.145	Oct 2011	0.000	Nov 2012	0.000	Nov 2013	-		0.000	0.000	12.137	Continuing
Software Development	Various	Exelis:NJ	9.110	1.405	Oct 2011	0.000	Nov 2012	0.000	Nov 2013	-		0.000	0.000	10.515	Continuing
Systems Engineering	Various	Exelis:NJ	6.650	0.550	Nov 2011	0.000	Nov 2012	0.000	Nov 2013	-		0.000	0.000	7.200	Continuing
System Integration	Various	Exelis:NJ	2.765	1.200	Nov 2011	0.000	Nov 2012	0.000	Nov 2013	-		0.000	0.000	3.965	Continuing
Primary Hardware Development	Various	NGC:CA	9.996	2.074	Nov 2011	26.747	Nov 2012	4.442	Nov 2013	-		4.442	0.000	43.259	
Software Development	Various	NGC:CA	9.110	1.405	Nov 2011	3.066	Nov 2012	2.451	Nov 2013	-		2.451	0.000	16.032	
Systems Engineering	Various	NGC:CA	6.650	0.550	Nov 2011	3.963	Nov 2012	1.317	Nov 2013	-		1.317	0.000	12.480	
ILS	Various	NGC:CA	4.410	1.200	Nov 2011	1.419	Nov 2012	0.597	Nov 2013	-		0.597	0.000	7.626	
System Integration	Various	NGC:CA	2.765	1.200	Nov 2011	6.385	Nov 2012	2.221	Nov 2013	-		2.221	0.000	12.571	
Loadset Development	Various	NGC:CA	3.700	0.500	Nov 2011	0.622	Nov 2012	0.460	Nov 2013	-		0.460	0.000	5.282	
Subtotal			65.148	12.229		42.202		11.488		0.000		11.488	0.000	131.067	
Remarks Contract type is hybrid CPIF and CPAF.															
Support (\$ 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 Complete	Total Cost	Target Value of Contract
Loadset Development	FFRDC	JHU/APL:Laurel, MD	0.030	2.998	Nov 2011	1.300	Nov 2012	0.280	Nov 2013	-		0.280	0.000	4.608	Continuing
Systems Engineering	WR	NSWC:Various	0.000	2.424	Nov 2011	8.000	Nov 2012	0.563	Nov 2013	-		0.563	0.000	10.987	Continuing
Program Management Support	WR	NAVEODTECHDIV:Indian Head, MD	7.710	3.720	Nov 2011	1.989	Nov 2012	0.400	Nov 2013	-		0.400	0.000	13.819	Continuing
System Integration	WR	NSWC:Various	0.000	1.938	Nov 2011	0.419	Nov 2012	0.220	Nov 2013	-		0.220	0.000	2.577	Continuing
Training Development	C/CPFF	SDI, GOV'T SOLUTIONS:LaPlata, MD	1.370	3.033	Nov 2011	0.240	Nov 2012	0.000	Nov 2013	-		0.000	0.000	4.643	Continuing
Integrated Logistics Support	WR	NSWC:Various	1.000	8.383	Nov 2011	0.600	Nov 2012	0.600	Nov 2013	-		0.600	0.000	10.583	Continuing

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Support (\$ 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 Complete	Total Cost	Target Value of Contract
Techniques Development	WR	NSWC:Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	4.600
Configuration Management	WR	NSWC:Various	2.200	1.446	Nov 2011	0.380	Nov 2012	0.180	Nov 2013	-		0.180	0.000	4.206	Continuing
Technical Data	WR	NSWC:Various	2.750	2.831	Nov 2011	0.270	Nov 2012	0.270	Nov 2013	-		0.270	Continuing	Continuing	Continuing
Subtotal			15.060	26.773		13.198		2.513		0.000		2.513			
Test and Evaluation (\$ 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 Complete	Total Cost	Target Value of Contract
Development Test & Evaluation	WR	NSWC:Various	16.160	11.000	Nov 2011	4.300	Nov 2012	1.838	Nov 2013	-		1.838	0.000	33.298	Continuing
Operational Test & Evaluation	MIPR	COMOPTEVFOR:Norfolk, VA	2.190	5.800	Mar 2012	1.200	Nov 2012	4.003	Nov 2013	-		4.003	0.000	13.193	Continuing
Subtotal			18.350	16.800		5.500		5.841		0.000		5.841	0.000	46.491	
Management Services (\$ 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 Complete	Total Cost	Target Value of Contract
Program Management Support	C/CPFF	CACI:Fairfax, VA	8.720	4.470	Nov 2011	4.000	Nov 2012	0.732	Nov 2013	-		0.732	0.000	17.922	Continuing
Miscellaneous	WR	NSWC:Various	4.010	0.581	Nov 2011	6.400	Nov 2012	0.300	Nov 2013	-		0.300	0.000	11.291	Continuing
Subtotal			12.730	5.051		10.400		1.032		0.000		1.032	0.000	29.213	
Project Cost Totals			111.288	60.853		71.300		20.874		0.000		20.874			
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Navy

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy
BA 4: Advanced Component Development & Prototypes (ACD&P)

R-1 ITEM NOMENCLATURE

PE 0604653N: JT Cntr Radio Controlled
IED Elec War (JCREW)

PROJECT

3177: Joint Counter Radio-Controlled IED
Elec Warfare

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
JCREW IIB1																												
Engineering and Manufacturing Development																												
Contractor Developmental Testing/Operational Assessment																												
Government Developmental Testing																												
IOT&E																												
Milestone C																												
LRIP Contract																												
Technology Refresh																												
MEU SOC																												
Government Developmental Testing (First Article)																												
Production																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0604653N: JT Cntr Radio Controlled IED Elec War (JCREW)	PROJECT 3177: Joint Counter Radio-Controlled IED Elec Warfare	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3177				
JCREW I1B1	1	2012	1	2018
Engineering and Manufacturing Development	1	2012	1	2014
Contractor Developmental Testing/Operational Assessment	2	2013	4	2014
Government Developmental Testing	2	2014	4	2014
IOT&E	1	2015	4	2015
Milestone C	4	2014	4	2014
LRIP Contract	4	2014	3	2016
Technology Refresh	1	2016	4	2018
MEU SOC	1	2012	4	2015
Government Developmental Testing (First Article)	3	2014	4	2014
Production	4	2014	4	2015