Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army											Date: March 2014	
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 4: *Advanced Component Development & Prototypes (ACD&P)*					R-1 Program Element (Number/Name) PE 0603747A / *Soldier Support and Survivability*							
COST ($ in Millions)	**Prior Years**	**FY 2013**	**FY 2014**	**FY 2015 Base**	**FY 2015 OCO #**	**FY 2015 Total**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**Cost To Complete**	**Total Cost**
Total Program Element	-	15.936	11.685	9.602	-	9.602	10.582	10.774	11.368	9.689	Continuing	Continuing
610: *Food Adv Development*	-	3.576	5.185	3.482	-	3.482	4.818	4.904	5.499	5.080	Continuing	Continuing
C08: *Rapid Equipping Force*	-	12.360	6.500	6.120	-	6.120	5.764	5.870	5.869	4.609	Continuing	Continuing

The FY 2015 OCO Request will be submitted at a later date.

Note

Note: FY 2013 Previous President's Budget (FY 2014) amount shown in B. Program Change Summary is an electronic error and should be $10,073.

A. Mission Description and Budget Item Justification

This program element supports component development and prototyping for organizational equipment, improved individual clothing and equipment that enhance Soldier battlefield effectiveness, survivability, and sustainment. This program element also supports the component development and prototyping of joint service food and combat feeding equipment designed to reduce logistics burden.

B. Program Change Summary ($ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	29.933	6.703	14.468	-	14.468
Current President's Budget	15.936	11.685	9.602	-	9.602
Total Adjustments	-13.997	4.982	-4.866	-	-4.866
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-13.997	4.982	-4.866	-	-4.866

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 4	R-1 Program Element (Number/Name) PE 0603747A / *Soldier Support and Survivability*	Project (Number/Name) 610 / *Food Adv Development*	

COST ($ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
610: *Food Adv Development*	-	3.576	5.185	3.482	-	3.482	4.818	4.904	5.499	5.080	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

This project provides for the advanced component development and prototyping of joint service food and combat feeding equipment designed to reduce the logistics burden and Operation and Support (O&S) costs of subsistence support to service personnel. Project supports development of rations and rapidly deployable field food service equipment. Project conducts demonstration and validation of improved subsistence and subsistence support items used to enhance soldier effectiveness and quality of life in all four Services, as part of an integrated Department of Defense (DoD) Food Research, Development, Test, Evaluation and Engineering Program. The Program is reviewed and validated twice annually by the DoD Combat Feeding Research and Engineering Board (CFREB) as part of the Joint Service Food Program. This project develops critical enablers that support the Joint Future Force Capabilities and the Joint expeditionary mindset by maintaining readiness through fielding and integrating new equipment. This equipment enhances the field soldier's well-being and provides the soldier with usable equipment, in addition to reducing sustainment requirements, related Combat Support/Combat Service Support (CS/CSS) demands on lift, combat zone footprint, and costs for logistical support.

This PE/Project supports Field Feeding Programs for all the services.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Title: Fielded Individual Ration Improvement Project (FIRIP)	0.925	1.034	0.850
Articles:	-	-	-
Description: Continuous product improvement project for the Meal, Ready to Eat (MRE)			
FY 2013 Accomplishments: Continue to conduct in-house product development of food components and identify suitable COTS/NDI candidate items for fielded individual operational rations (e.g., Meal, Ready-to-Eat 2016 date of pack (DOP)) to enhance Warfighter acceptability, increase consumption and improve nutritional intake; Conduct pilot scale in-house production to support engineering design, technology insertion, and commercial producibility; Develop, integrate and validate state-of-the-art science and technology, food processing and primary/secondary packaging innovations into individual ration platforms to increase operational effectiveness; Optimize food component processing and packaging to introduce targeted items/capabilities into individual ration platforms for enhanced acceptability, nutrition and performance; Transition to 6.5 for testing.			
FY 2014 Plans: Continue to conduct in-house product development of food components and identify suitable COTS/NDI candidate items for fielded individual operational rations (e.g., Meal, Ready-to-Eat 2016 date of pack (DOP)) to enhance Warfighter acceptability,			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0603747A / *Soldier Support and Survivability*	**Project (Number/Name)** 610 / *Food Adv Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
increase consumption and improve nutritional intake; Conduct pilot scale in-house production to support engineering design, technology insertion, and commercial producibility; Develop, integrate and validate state-of-the-art science and technology, food processing and primary/secondary packaging innovations into individual ration platforms to increase operational effectiveness; Optimize food component processing and packaging to introduce targeted items/capabilities into individual ration platforms for enhanced acceptability, nutrition and performance; Transition to 6.5 for testing. ***FY 2015 Plans:*** Continue to conduct in-house product development of food components and identify suitable COTS/NDI candidate items for fielded individual operational rations (e.g. MRE™ 2017 date of pack) to enhance Warfighter acceptability, increase consumption and improve nutritional intake; conduct pilot scale in-house production to support engineering design, technology insertion, and commercial producibility; develop, integrate and validate state-of-the art science and technology, food processing and primary/secondary packaging innovations into individual ration platforms to increase operational effectiveness; optimize food component processing and packaging to introduce targeted items/capabilities into individual ration platforms for enhanced acceptability, nutrition and performance; transition to 6.5 for testing.			
Title: Assault/Special Purpose Ration Improvement Project (ASPIP) ***Articles:*** ***Description:*** Continuous product improvement of special purpose rations by the insertion of new technologies in nutrition, processing and packaging. ***FY 2013 Accomplishments:*** Continue to identify COTS/NDI components for the Meal, Cold Weather/Long Range Patrol and First Strike Ration to enhance acceptability, variety, consumption and nutritional value of combat rations. Identify new components based upon user feedback, focus groups, emerging products and technologies and user requirements. Conduct accelerated and long term storage studies on candidate components. Work with industry partners to facilitate producibility and technology transition. Transition to 6.5 for Warfighter testing. ***FY 2014 Plans:*** Continue to identify COTS/NDI components for the Meal, Cold Weather/Long Range Patrol and First Strike Ration to enhance acceptability, variety, consumption and nutritional value of combat rations. Identify new components based upon user feedback, focus groups, emerging products and technologies and user requirements. Conduct accelerated and long term storage studies on candidate components. Work with industry partners to facilitate producibility and technology transition. Transition to 6.5 for Warfighter testing.	0.350 -	0.413 -	- -
Title: Fielded Group Ration Improvement Project (FGRIP) ***Articles:***	0.855 -	1.019 -	0.824 -

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0603747A / *Soldier Support and Survivability*	**Project (Number/Name)** 610 / *Food Adv Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Description: Continuous product improvement project to continuously update/improve group ration components, menus, and packaging by integrating state-of-the-art military/commercial packaging and technology base transitions. ***FY 2013 Accomplishments:*** Continue efforts to update/improve components, menus and packaging to increase consumption and overall nutritional intake of the family of Unitized Group Rations (UGRs) for UGR-A (FY15 menus), B, E and H&S (2015/16 DOP). Identify COTS/NDIs and/or develop new food components in-house, conduct in-house testing, down-select items and develop test menus for Warfighter evaluation. Develop, integrate and validate state-of-the-art science and technology, food processing and primary/secondary packaging innovations into group ration platforms to increase operational effectiveness, functionality and improve logistics. Transition to 6.5 for Warfighter testing. ***FY 2014 Plans:*** Continue efforts to update/improve components, menus and packaging to increase consumption and overall nutritional intake of the family of Unitized Group Rations (UGRs) for UGR-A (FY15 menus), B, E and H&S (2015/16 DOP). Identify COTS/NDIs and/or develop new food components in-house, conduct in-house testing, down-select items and develop test menus for Warfighter evaluation. Develop, integrate and validate state-of-the-art science and technology, food processing and primary/secondary packaging innovations into group ration platforms to increase operational effectiveness, functionality and improve logistics. Transition to 6.5 for Warfighter testing. ***FY 2015 Plans:*** Continue efforts to update/improve components, menus and packaging to increase consumption and overall nutritional intake of the family of UGRs for UGR-A (FY16 menus), B, E and H&S (2015/16 DOP). Identify COTS/NDIs and/or develop new food components in-house, conduct in-house testing, down-select items and develop test menus for Warfighter evaluation. Develop, integrate and validate state-of-the-art science and technology, food processing and primary/secondary packaging innovations into group ration platforms to increase operational effectiveness, functionality and improve logistics. Transition to 6.5 for Warfighter testing.			
Title: US Navy Standard Core Menu Continuous Product Improvement Project (NSCM)	0.162	0.220	0.155
Articles:	-	-	-
Description: Provide recommendations for upgrading/improving Navy Standard Core Menu components by introducing new preparation techniques to enhance menu acceptance and effectiveness while reducing labor requirements. ***FY 2013 Accomplishments:*** Continue to identify and validate COTS and NDI candidate enhancements to the NSCM. Provide recommendations for improving menu components by introducing new commercial items and state-of-the-art food preparation and feeding techniques to enhance			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0603747A / *Soldier Support and Survivability*	**Project (Number/Name)** 610 / *Food Adv Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
menu acceptance and reduce labor requirements. Transition product summaries and results/recommendations to Naval Supply Systems Command (NAVSUP) for adoption and procurement. ***FY 2014 Plans:*** Continue to identify and validate COTS and NDI candidate enhancements to the NSCM. Provide recommendations for improving menu components by introducing new commercial items and state-of-the-art food preparation and feeding techniques to enhance menu acceptance and reduce labor requirements. Transition product summaries and results/recommendations to Naval Supply Systems Command (NAVSUP) for adoption and procurement. ***FY 2015 Plans:*** Continue to identify and validate COTS/NDI candidate enhancement to the NSCM. Provide recommendations for improving menu components by introducing new commercial items and state-of-the-art food preparation and feeding techniques to enhance menu acceptance and reduce labor requirements. Transition product summaries and results/recommendations to NAVSUP for adoption and procurement.			
Title: Integration of Performance Optimizing Compounds in Individual Rations. ***Description:*** Transition advanced development of performance optimizing compounds in individual ration platforms and/or enhancement packs. Validate commercial viability for productions and develop protocols for use. Demonstrate efficacy and dosage to address specific user needs and environmental constraints. Finalize acquisition strategy for integration of selective performance optimizing compounds into ration platforms. ***FY 2015 Plans:*** Work with industry to initiate commercial scale producibility; conduct sensory exam and storage studies; revise technical data and inspection plan; field test products in an operational environment.	-	-	0.108
Title: Recovery Nutrition Components ***Description:*** Collaborate with the Office of the Surgeon General (OTSG), DoD Nutrition Committee, and United States Army Research Institute of Environmental Medicine (USARIEM) on the optimal nutritional profile for recovery food components to be developed. Develop highly acceptable, low weight/cube, shelf stable ration components that meet the desired nutritional profile for enhancing recovery after missions and high intensity training as well as enhancing performance in subsequent bouts of intense activity. ***FY 2015 Plans:***	-	-	0.076

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Complete evaluation of components; present results and recommendations for approval; develop and transition tech data packages.			
Title: Quality Kinetics/Rapid Fielding of Ration Components	0.052	0.100	-
Articles:	-	-	-
Description: Confirm or optimize current accelerated storage protocols. Validate a predictive model for food degradation. ***FY 2013 Accomplishments:*** Continue development of baseline predictive model. Complete storage studies, data collection and analysis. Validate model and implement updated storage protocols for operational ration components where feasible. Transfer updated protocols to food technologists to support future in-house product development efforts. Generate tech report summarizing results and facilitating tech transfer of model to food technologists and developers of COTS/NDI components. ***FY 2014 Plans:*** Transition and implement quantitative kinetics models utilizing analytical markers (fat oxidation calorimetry, etc) to 6.4 Assault/ Special Purpose Ration Improvement Program (ASPIP) and Fielded Individual Ration Improvement Program (FIRIP). Integrate optimized quality kinetics models into current sensory evaluation system and adjust and optimize storage protocols and conditions using analytical testing/temperature kinetics and defined and recommended guidelines for conduction accelerated storage studies equivalent to Military storage requirements. Streamline and enhance evaluation process for identified new ration components (entrees, sides, snacks, bakery items) that fall within guidelines specified by the quality kinetics model, accelerate rapid fielding of specific ration component, decrease/minimize engineering support cases for quality related issues, and enhance development efficiency. Modify and transition technical data to Defense Logistics Agency - Troop Support.			
Title: Barrier Coating for Optimized Package Performance	-	0.140	-
Articles:	-	-	-
Description: Provides low-cost, non-foil, high performance packaging materials for incorporation into existing and future combat ration packaging systems, such as the Unitized Group Ration (UGR) and Meal, Ready-to-Eat (MRE). ***FY 2014 Plans:*** Determine optimal barrier structure and scale-up to pilot-scale production of prototype samples. Evaluate prototype packaging system for barrier and mechanical properties, and shelf life and rough handling.			
Title: Autonomous Shipboard Cleaning System (ASDS)	0.255	-	-
Articles:	-	-	-

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Description: There is a need to develop an automated and innovative foodservice cleaning system for Navy legacy and future ships due to the planned reductions of Food Service Attendants (FSA), and Culinary Specialists (CS), required under the Navy Transformation Goal of optimized crewing. ***FY 2013 Accomplishments:*** Accept delivery of the contractor developed ASDS Phase II Small Business Innovation Research (SBIR) prototype, initiate a Phase III development effort. Conduct land-based testing at Natick Soldier Research Development and Engineering Center (NSRDEC) and coordinate enhanced simulation testing and demonstrations of the upgraded prototypes at Naval Surface Warfare Center's test facilities.			
Title: Integration of Selected Ration Components Using Novel Food Processing Technology to Individual Ration Platforms	0.083	0.103	-
Articles:	-	-	-
Description: Develop operational concept for integration of specific novel processed ration components into individual (as well as group and assault/special purpose) ration platforms. Establish baselines for nutrition retention, producibility and package utility. Evaluate baselines for novel processed components against key performance parameters of known thermally processed ration components. Generate draft technical requirements and/or revised documents for novel processed ration components. ***FY 2013 Accomplishments:*** Develop operational concept for integration of specific novel processed ration components into individual (as well as group and assault/special purpose) ration platforms. Establish baselines for nutrition retention, producibility and package utility. Evaluate baselines for novel processed components against key performance parameters of known thermally processed ration components. Generate draft technical requirements and/or revised documents for novel processed ration components. ***FY 2014 Plans:*** Develop operational concept for integration of specific novel processed ration components into individual (as well as group and assault/special purpose) ration platforms. Establish baselines for nutrition retention, producibility and package utility. Evaluate baselines for novel processed components against key performance parameters of known thermally processed ration components.			
Title: Containerized Ice Making System	0.225	0.440	0.285
Articles:	-	-	-
Description: Develop a containerized ice making system to support a 600 person base camp for cooling drinking water in extreme arid conditions and support other ice requirements for those on the base camp and for soldiers going out on missions/ patrols.			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0603747A / *Soldier Support and Survivability*	**Project (Number/Name)** 610 / *Food Adv Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
FY 2013 Accomplishments: Conduct evaluations on available technologies that demonstrate that available systems were not satisfactory to meet the stated requirements of the user community. Develop a strategy to prototype a system that shall meet all of the stated performance requirements. Procure prototype from industry. ***FY 2014 Plans:*** Receive procured prototype(s) for production quality testing (PQT) at the Aberdeen Test Center. Use multiple prototypes and modified commercially available equipment to validate the current state of the technology to the user community. ***FY 2015 Plans:*** Conduct evaluation of integrated technologies in a realistic operating environment to include: modified commercial items, developmental prototypes and commercial industry technology demonstrators.			
Title: Co-Extruded Alternate Nutrient System (CANS)	0.080	0.157	-
Articles:	-	-	-
Description: Provide the Warfighter with functional multi-component bars and single matrices? pastes that serve as vehicles for optimizing nutrient delivery. Develop matrices that are best suited to deliver nutrients/performance optimizers that are stable, functional and organoleptically appealing. Increase quality and variety of performance bars utilizing co-extrusion technologies. ***FY 2013 Accomplishments:*** Validate producibility; finalize development of mature products (based on sensory analysis, accelerated shelf life test and testing in a relevant environment) and finalize packaging requirements. ***FY 2014 Plans:*** Finalize FDA approval of selected performance optimizers. Coordinate remaining field testing with Individual Ration program. Validate manufacturing base and long term shelf life studies in coordination with production base. Generate draft technical requirements.			
Title: Alternative Polymer Processing Technology (APPT)	0.177	0.100	-
Articles:	-	-	-
Description: Improve ration packaging by enhancing package performance through the use of advanced polymer processing technologies, such as orientation, co-extrusion, and layer multiplying co-extrusion. Reduce packaging weight and waste. Improve packaging performance through enhanced mechanical and barrier properties. ***FY 2013 Accomplishments:***			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Prototype packages will be fabricated and storage stability and rough handling studies will be conducted to demonstrate performance in a simulated environment. Contracts will be initiated for insect infestation studies. The technical risk associated with this project is minimized, given that several congressionally funded programs have laid the ground work for this research through current and past projects. Producibility studies and field testing will be performed on prototype packaging structures. ***FY 2014 Plans:*** Continued producibility studies. Field testing to document Warfighter approval. Pending approval Joint Services Operational Rations Forum, procurement documents will be modified/produced and provided to DLA for inclusion in the MRE™, UGR® and/or FSR®.			
Title: Transition of Advanced Appliances for Field Kitchens	0.412	0.490	0.360
Articles:	-	-	-
Description: Provide the Warfighter with JP-8 fueled appliances that save fuel, are simple to use, provide a safe kitchen environment, and can easily be moved into buildings when necessary. Warfighters benefit from a safer, healthier, more comfortable kitchen environment, and equipment that facilitates preparation of quality A-ration meals. Existing appliances are only about 15-40% efficient; new burner technologies have demonstrated 75% efficiency, typical of stationary gas-fired equipment. ***FY 2013 Accomplishments:*** Validate producibility and finalize development of mature JP-8 appliances which have been successfully demonstrated in a relevant environment in a 6.3 technical demonstration; finalize performance requirements. Perform cost evaluation of relevant appliances and JP-8 burner technologies. Finalize integration of appliances into modular cabinet interface for kitchen platforms. ***FY 2014 Plans:*** Continue development, integration and test of JP-8 powered burner and appliance interfaces. Develop clear platform requirements for Battlefield Kitchen and continue testing modular appliances for legacy system compatibility. ***FY 2015 Plans:*** Perform comprehensive evaluation of appliances integrated with newly developed heating technologies. Verify performance and compatibility with multiple platforms and in dismounted operation. Complete evaluation of appliances mounted on dedicated kitchen platform to prove out component and subsystem maturity.			
Title: Permeability Modeling of Advanced Packaging Systems (PMAPS)	-	0.140	-
Articles:	-	-	-
Description: Expand upon the current film based permeability prediction model to allow for permeability prediction of packaging systems. Determine the total barrier effect of combined packaging technologies developed under research programs.			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
FY 2014 Plans: Conduct pilot-scale production runs to produce packaging films for conversion into pouches and filling with selected food items. Conduct storage study to include sensory and analytical testing such as water activity and headspace analysis to validate model. A validation report will be prepared at the end of the storage study.			
Title: Packaging Optimization with Polymeric Microspheres (POPM)	-	0.100	-
Articles:	-	-	-
Description: Develop production base for polymeric films containing expandable microspheres for use in reduced-weight, high-performance ration packaging applications which will provide reduced density, enhanced thermal properties and cost savings. ***FY 2014 Plans:*** Collaboration will occur with industrial partners (material suppliers and converters) to produce material at the pilot-scale level, and to fabricate Flameless Ration Heater pouches and Meal Ready-to-Eat® entree bags. Collaboration will also occur between technical teams, DLA-Troop Support, and industrial partners. Cost validation analyses will be performed to confirm affordability.			
Title: Navy Food Service Analysis Tool	-	0.349	0.232
Articles:	-	-	-
Description: Develop a software analysis tool for Navy Foodservice that performs the following tasks: Automatically calculate all storage space factors and requirements for naval vessels based off the specific Navy Standard Core Menu (NSCM), crew size, Naval Ship's Technical Manual 096, Weights and Stability, Naval Vessel Requirements Food Service Facility Design Manual, Build Specifications 671, 672, and Type Commander established endurance levels. ***FY 2014 Plans:*** Develop automated subsistence inventory management, tracking and direct routing for all storage areas with mobile scanning technology capability; Conduct in-house tests & evaluation; Coordinate software Navy AIT approval/certification ***FY 2015 Plans:*** Coordinate and conduct shipboard user evaluations with the Navy; complete software Navy AIT approval/certification; transition information to Navy.			
Title: Integrate Commercial Appliances with Jet Propellant 8 (JP8) Fired Burners.	-	-	0.228
Description: Use currently available or modified JP-8 fired burners to operate commercially available griddles, ovens, skillets and other cooking appliances. Increase military kitchen reliability and mobility by eliminating the need to operate on military unique			

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
fuel-fired equipment. Increase system maintainability by leveraging the logistical support of the highly matured commercial kitchen equipment industry. ***FY 2015 Plans:*** Use available or modified JP-8 fired burners to operate commercial food service equipment for Marine Corp field feeding operations. Identify candidate burner technologies for their potential integration into commercial food service equipment; design the combustion chamber for each appliance and integrate burner with appliance controls and exhaust.			
Title: Block Upgrades and Operational Improvements for Expeditionary Field Feeding Equipment. ***Description:*** Eliminate the sole sourcing of tray ration heater component parts. Reduce overall water consumption through the use of non-immersive cooking technologies and more efficient ware-washing equipment. Increase Kitchen flexibility through appliance upgrades. To reduce the overall fuel consumption of Expeditionary Field Feeding Equipment by minimizing the production of and making use of the waste heat produced through JP-8 combustion. ***FY 2015 Plans:*** Enhance the ability of the USMC to prepare all operational rations during expeditionary operations. Identify, procure, and evaluate candidate burners for tray ration reset; develop kit and procedures for install in Tray Ration Heater (TRH); conduct technical evaluation for heat exchangers in Efficiency Field Kitchen (EFK).	-	-	0.224
Title: Joint Inter-service Field Feeding Burner ***Articles:*** ***Description:*** Develop a Joint-Service, government owned JP-8 fuel fired burner for field kitchen appliances. Government will control configuration, procurement, and support decisions. Establish parts list using widely supportable supply chain in field operations. ***FY 2014 Plans:*** Build Design Validation (DV) units using a supportable, commercial bill of materials. Test in a high fidelity, realistic operating environment and conduct supportability validation. Prepare Technical Data Package. ***FY 2015 Plans:*** Use the burner baseline developed in this program to qualify acceptable appliance designs that interface properly with the burner. Integrate tech data package into appliance configuration control documentation.	- -	0.380 -	0.140 -
Accomplishments/Planned Programs Subtotals	3.576	5.185	3.482

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C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• RDT&E 654713.548: *Military Subsistence System*	1.901	1.938	1.335	-	1.335	2.239	2.207	2.442	2.448	Continuing	Continuing
• OPA M65801: *Refrigerated Containers*	17.833	28.376	10.290	-	10.290	11.970	12.832	15.642	14.128	Continuing	Continuing

Remarks

D. Acquisition Strategy

Project development will transition to Engineering & Manufacturing Development and production.

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
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Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Combat Feeding Program Management	Various	RDECOM, Natick, MA : Natick, MA	4.484	0.428	Jan 2013	0.532	Apr 2014	0.357	Dec 2014	-		0.357	Continuing	Continuing	Continuing
SBIR+STTR	TBD	Various : Various	0.117	-		-		-		-		-	-	0.117	-
		Subtotal	4.601	0.428		0.532		0.357		-		0.357	-	-	-

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Service Food/Combat Feeding Equipment	Various	RDECOM, Natick, MA : Natick, MA	34.425	1.364	Nov 2013	1.952	Mar 2014	1.307	Dec 2014	-		1.307	Continuing	Continuing	Continuing
Joint Service Food/Combat Feeding Equipment	Various	Various : Various	22.664	1.266	Nov 2013	2.066	Mar 2014	1.385	Dec 2014	-		1.385	Continuing	Continuing	Continuing
		Subtotal	57.089	2.630		4.018		2.692		-		2.692	-	-	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Joint Service Food/Combat Feeding Equipment	Various	DTC/AEC : National Capitol Region	9.128	0.518	Nov 2013	0.635	May 2014	0.433	May 2015	-		0.433	Continuing	Continuing	Continuing
		Subtotal	9.128	0.518		0.635		0.433		-		0.433	-	-	-

	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	70.818	3.576		5.185		3.482		-		3.482	-	-	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0603747A / *Soldier Support and Survivability*	**Project (Number/Name)** 610 / *Food Adv Development*

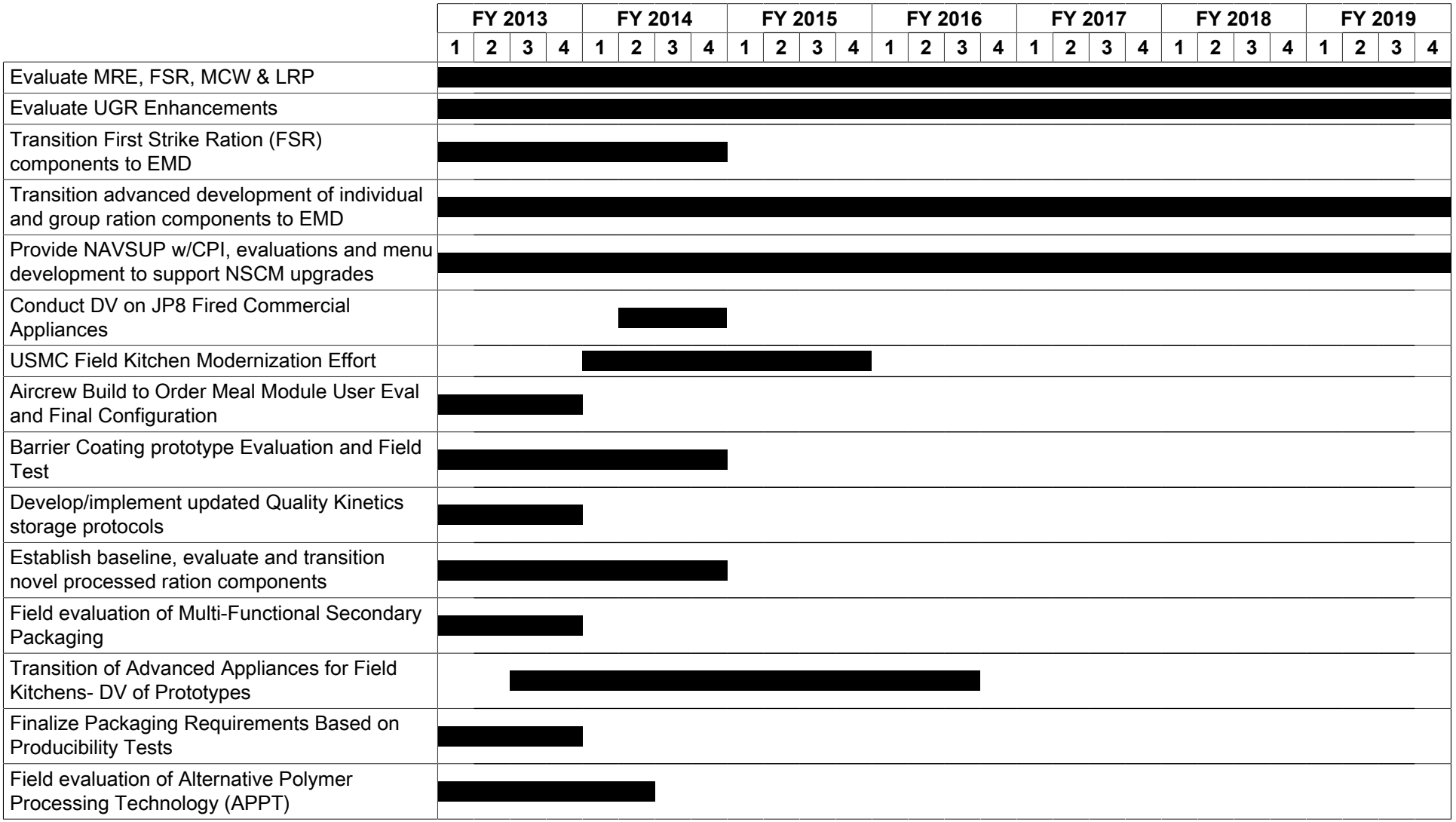

Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0603747A / *Soldier Support and Survivability*	**Project (Number/Name)** 610 / *Food Adv Development*

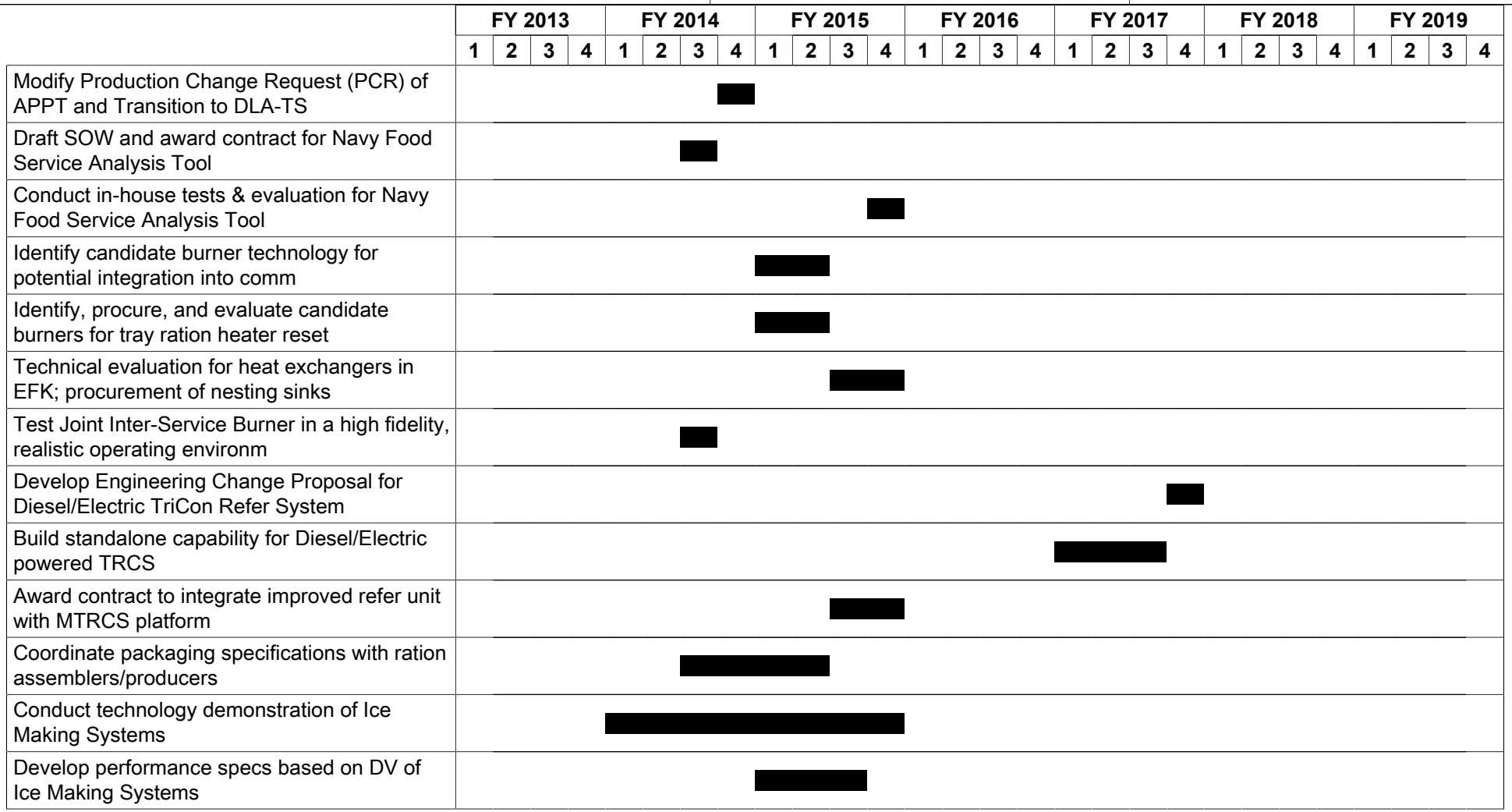

Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0603747A / *Soldier Support and Survivability*	**Project (Number/Name)** 610 / *Food Adv Development*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Evaluate MRE, FSR, MCW & LRP	1	2009	4	2021
Evaluate UGR Enhancements	1	2009	4	2021
Transition First Strike Ration (FSR) components to EMD	1	2009	4	2014
Transition advanced development of individual and group ration components to EMD	1	2009	4	2021
Provide NAVSUP w/CPI, evaluations and menu development to support NSCM upgrades	1	2010	4	2021
Conduct DV on JP8 Fired Commercial Appliances	2	2014	4	2014
USMC Field Kitchen Modernization Effort	1	2014	4	2015
Aircrew Build to Order Meal Module User Eval and Final Configuration	1	2012	4	2013
Barrier Coating prototype Evaluation and Field Test	1	2012	4	2014
Develop/implement updated Quality Kinetics storage protocols	1	2012	4	2013
Establish baseline, evaluate and transition novel processed ration components	1	2013	4	2014
Field evaluation of Multi-Functional Secondary Packaging	4	2012	4	2013
Transition of Advanced Appliances for Field Kitchens- DV of Prototypes	3	2013	3	2016
Finalize Packaging Requirements Based on Producibility Tests	1	2013	4	2013
Field evaluation of Alternative Polymer Processing Technology (APPT)	1	2013	2	2014
Modify Production Change Request (PCR) of APPT and Transition to DLA-TS	4	2014	4	2014
Draft SOW and award contract for Navy Food Service Analysis Tool	3	2014	3	2014
Conduct in-house tests & evaluation for Navy Food Service Analysis Tool	4	2015	4	2015
Identify candidate burner technology for potential integration into comm	1	2015	2	2015
Identify, procure, and evaluate candidate burners for tray ration heater reset	1	2015	2	2015
Technical evaluation for heat exchangers in EFK; procurement of nesting sinks	3	2015	4	2015

Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army		Date: March 2014
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	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Test Joint Inter-Service Burner in a high fidelity, realistic operating environm	3	2014	3	2014
Develop Engineering Change Proposal for Diesel/Electric TriCon Refer System	4	2017	4	2017
Build standalone capability for Diesel/Electric powered TRCS	1	2017	3	2017
Award contract to integrate improved refer unit with MTRCS platform	3	2015	4	2015
Coordinate packaging specifications with ration assemblers/producers	3	2014	2	2015
Conduct technology demonstration of Ice Making Systems	1	2014	4	2015
Develop performance specs based on DV of Ice Making Systems	1	2015	3	2015

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army											Date: March 2014	
Appropriation/Budget Activity 2040 / 4					R-1 Program Element (Number/Name) PE 0603747A / *Soldier Support and Survivability*				Project (Number/Name) C08 / *Rapid Equipping Force*			
COST ($ in Millions)	**Prior Years**	**FY 2013**	**FY 2014**	**FY 2015 Base**	**FY 2015 OCO #**	**FY 2015 Total**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**Cost To Complete**	**Total Cost**
C08: *Rapid Equipping Force*	-	12.360	6.500	6.120	-	6.120	5.764	5.870	5.869	4.609	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

Note

Equipment mix and configuration may change based on changes in operational environment and circumstances.

A. Mission Description and Budget Item Justification

The United States Army Rapid Equipping Force (REF) harnesses current and emerging technologies to provide rapid solutions to the urgently required capabilities of US Army forces employed globally. The REF combines and integrates functions that cross several Army staff elements and Army Service Component Commands (ASCC) to accelerate materiel solutions and technology insertion to forces on a global scale. The REF provides the Army's rapid response capability to develop, prototype, acquire, integrate and sustain Commercial-Off-The-Shelf (COTS) and Government Off-The-Shelf (GOTS) solutions to meet urgent combat requirements for deployed forces. It develops and inserts selected future force technologies, capabilities and surrogate material solutions into committed, deploying and transformational forces for operational evaluation, assessment and spiral development. It plans and executes assessments and studies of Army practices and issues concerning operational needs, desired future force capabilities and relevant Army business practices to provide feedback to Senior Army Leaders.

The REF bridges the gap between the lengthy acquisition process and immediate equipping needs. We pursue tangible solutions that can be equipped within a goal of 90 days. The REF focuses on finding effective game-changing capabilities to increase Soldier effectiveness, protection and lethality in any operational environment. The REF process provides the mechanism to respond rapidly to an adaptive enemy who changes in days and months, not years. The REF Headquarters Operations team will coordinate in theater work with Army Service Component Commands of the Combatant Commands (COCOMs) to understand their urgent needs, for which the REF acquisition capability may identify, procure, deliver and sustain solutions to the deployed units. A key element of this process is fiscal flexibility, permitting the REF to allocate funds against emerging threats and requirements in the year of fiscal execution.

As the REF procures the COTS and GOTS solutions in the future that are not Type Classified or an Army Program of Record (POR), there will be a substantial logistics/ sustainment tail that accompanies these capabilities, particularly as these solutions are being employed in immature or austere theaters where the logistics infrastructure is not already established.

The REF works directly with Operational Commanders at Brigade and below to find solutions to identified equipping requirements. These solutions may result in procurement of new or existing military/commercial materiel equipment, or accelerated development of a Future Force materiel solution for insertion into the current force now.
The REF key tasks are:

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
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- Partner with Army Service Component Commands and be responsive to tactical unit commanders in a global operating environment
- Bridge specific Operational Needs Statement/Joint Urgent Operational Needs Statement/Joint Emergent Operational Needs Statement (ONS/JUONS/JEONS) Gaps to meet urgent needs
- Develop material solutions to counter emerging global Asymmetric Threats with reduced Soldiers in the operational environment
- Ensure training, transportation, and sustainment are provided with every capability
- Cultivate and rapidly insert emerging technologies into Soldiers hands
- Conduct operational assessments to provide useful operator feedback to the Army
- Transition effective projects through Capability Development for Rapid Transition (CDRT) to support long-term sustainment
- Be aggressive and push the acquisition envelope, but operate within the law
- Integrate with existing Army organizations and systems to enable them to recognize and solve problems for tactical units

The REF Integrated Priority list (RIPL) consists of the REF top seven priorities based on requirements received from deployed units, and drives all REF efforts. The priorities with associated metrics as of 31 January 2014:

1. Dismounted Improvised Explosive Device (IED) Defeat (24 Requirements/13 Projects)
2. Small Combat Outpost (COP)/Patrol Base (PB) Sustainment (35 Requirements/32 Projects)
3. Small Combat Outpost (COP)/Patrol Base (PB) Force Protection (47 Requirements/32 Projects)
4. Dismounted Operations Support (60 Requirements/43 Projects)
5. Intelligence, Surveillance, and Reconnaissance (ISR) Shortfalls in Environmentally Inhospitable Operational Environments (OEs) (49 Requirements/30 Projects)
6. Dismounted Blue Force Tracking and Mission Command (12 Requirements/7 Projects)
7. Other (43 Requirements/24 Projects)

Total: 270 Requirements/181 Projects

FY12 metric shows the REF average procurement unit cost of $1.1 million per requirement.

The REF FY15 RDT&E Request of $6.120 million (Base) integrates, coordinates, deploys and provides urgent material capabilities to deployed and pre-deploying units in support of Joint and Army Forces Commanders to enhance the combat effectiveness of the operating force and enable the defeat of asymmetric threats. The emphasis for RDT&E funding is on Testing and Evaluation that supports projects in the areas of Force Protection; Improvised Explosive Device (IED) Detection and Defeat; Intelligence, Surveillance and Reconnaissance (ISR) capabilities; and Tactical Command; Control and Communication tools.

RDT&E funding also provides the REF the flexibility to invest in near-term, innovative solutions. RDT&E funds are necessary in the vast majority of all REF projects. REF uses RDT&E funds to work with industry and Other Governmental Agencies (OGAs) in order to further develop high (>6) Technology Readiness Level (TRL) or advanced technologies that often only need small amounts of funding in order to help them achieve a maturity level that is suitable to solve deployed US Army Forces

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
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problems with low investments for high payoffs. REF requires RDT&E funds to integrate several different Commercial-Off-The-Shelf/Government-Off-The-Shelf (COTS/GOTS) technologies into one capability that solves the tougher and more complex problems. REF uses RDT&E funds to conduct demonstrations and tests to validate technology solutions. REF requires RDT&E funds in order to modify existing technologies that were developed for one purpose but now may be suitable to solve another problem. REF Expeditionary Labs use RDT&E funds to develop and adapt technologies that meet immediate requirements forward in the theaters of operation with the active assistance of the Soldier in the solution development process. REF requires RDT&E funds to test technologies in order to ensure suitability and safety before equipping the Soldier- any modified Commercial-Off-The-Shelf/Government-Off-The-Shelf (COTS/GOTS) item has to be tested.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Title: Rapid Equipping Force	12.360	6.500	6.120
Articles:	-	-	-

Description: Funding is provided for the following effort

FY 2013 Accomplishments:
The demand for REF 10-liner requirements has continued at FY12 levels based on the increased tempo of transitioning brigades in Operation Enduring Freedom (OEF) with 9 month deployments; the expansion of brigades' operational environments (OE's) that required smaller units to operate in more isolated areas; the expansion of Army Special Operations Forces Village Stability Operations (VSO) efforts; and the introduction of Security Force Advisory Assistance Teams (SFAATs) - a new force structure and role in Operation Enduring Freedom (OEF).

FY 2014 Plans:
REF mission expands to perform Direct Support (DS) to globally deployed Soldiers, Army Service Component Commands of the Combatant Commands, regionally aligned Brigade Combat Teams and other Department of Defense (DoD) organizations. During the same period we expect to see an increase in requirements submitted by Army Special Operations Forces (SOF) in other areas of the world as well as from brigades employed in more global roles, such as the regionally aligned Brigade Combat Teams, and their logistical support elements. REF's Expeditionary Labs are deployed to provide engineer support directly to Battalion and Brigade Forward Operating Bases/Combat Outposts/Patrol Bases and work side-by-side with Soldiers as they execute their missions. Engineers connect directly to Army, Department of Defense (DoD) and National Labs to conduct prototype design while including the users' immediate feedback. We also expect to play a much more deliberate role in providing support to the Army's Global Response Force (GRF) as they prepare for a wider range of response missions.

FY 2015 Plans:
The REF partners with the Army Service Component Commands (ASCC) and Army SOF community to perform Direct Support (DS) to globally deployed Soldiers and regionally aligned Brigade Combat Teams. We anticipate an increased need for flexibility to develop technological solutions supporting the reduced numbers of Soldiers operating globally in order to fill force protection gaps in the face of a smaller and more lethal terrorism threat. We expect to increase our engagement within the Army Service Component Commands (ASCC) in order to address capability gaps generated by geographical and environmental constraints

Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
and improve our understanding of evolving threats and operating conditions within the respective ASCC areas of operations. REF's Expeditionary Labs are deployed to provide engineer support directly to Soldiers as they execute their missions in austere environments within a smaller logistical footprint. Engineers connect directly to Army, DoD and National Labs to conduct prototype design while including the user's immediate feedback. We expect to insert emerging technologies into ASCC level exercises in order to validate concept of operations (CONOPS) and Tactics, Techniques and Procedures (TTP). We also expect to play a much more deliberate role in providing support to the Army's Global Response Force (GRF) as they prepare for a wider range of response missions. We anticipate increased coordination with Army Technology enabled Capabilities Demonstrations (TeCD) and Joint Capabilities Technology Demonstrations in order to leverage developed residual technologies to rapidly address indentified critical capability gaps and gain immediate feedback through limited user evaluations.			
Accomplishments/Planned Programs Subtotals	12.360	6.500	6.120

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• M08101: *Other Procurement Army*	128.235	25.000	2.380	-	2.380	4.245	4.320	4.323	3.396	Continuing	Continuing
• 121018000: *Operations and Maintenance, Army*	115.130	32.048	20.358	-	20.358	20.626	20.687	20.826	20.975	Continuing	Continuing

Remarks

D. Acquisition Strategy

The United States Army Rapid Equipping Force harnesses current and emerging technologies to provide rapid solutions to the urgently required capabilities of US Army Forces employed globally. The REF focus is on rapidly placing game-changing capabilities into Soldiers' hands. This mission is accomplished in one of two ways: rapidly adapting Commercial-Off-The-Shelf (COTS) and Government-Off-The-Shelf (GOTS) equipment to meet operational needs and developing emerging deployable capability via interaction with research and development organizations and academia. All capabilities are safety tested prior to insertion into operational environments. Training and sustainment is provided for every capability until it is transitioned to an approved program of record or terminated through the Capabilities Development for Rapid Transition (CDRT) process. Operational assessments are conducted to provide feedback in support of Army equipping and fielding decisions. REF capabilities routinely serve to bridge specific Operational Needs Statement (ONS), Joint Urgent Operational Needs Statement (JUONS) and Joint Emergent Operational Needs Statement (JEONS) gaps to meet urgent requirements.

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Dismounted Improvised Explosive Device (IED) Defeat	C/FFP	Various : Various	1.022	0.894		0.444		0.444		-		0.444	Continuing	Continuing	Continuing
Dismounted Operations Support	C/FFP	Various : Various	1.086	0.969		1.113		1.113		-		1.113	Continuing	Continuing	Continuing
Intelligence, Surveillance, and Reconnaissance (ISR) Shortfalls in Environmentally Inhospitable OE's	C/FFP	Various : Various	1.885	1.923		0.907		0.907		-		0.907	Continuing	Continuing	Continuing
Small Combat Outpost (COP) / Patrol Base (PB) Force Protection and Sustainment	C/FFP	Various : Various	1.853	1.885		-		-		-		-	Continuing	Continuing	Continuing
Other-REF RIPL Priorities (5-10)	C/FFP	Various : Various	4.154	4.624		-		-		-		-	Continuing	Continuing	-
Other	C/FFP	Various : Various	0.000	-		0.796		0.796		-		0.796	-	1.592	-
Base: Various Projects-Protect the Force in Counter Insurgency	C/FFP	Various : Various	11.841	-		-		-		-		-	-	11.841	-
Small Combat Outpost (COP)/Patrol Base (PB) Sustainment	C/FFP	Various : Various	0.000	-		0.648		0.648		-		0.648	-	1.296	-
Base: Various Projects-Enhance Intelligence Surveillance Recon	C/FFP	Various : Various	9.009	-		-		-		-		-	-	9.009	-
Small Combat Outpost (COP)/Patrol Base (PB) Force Protection	C/FFP	Various : Various	0.000	-		0.870		0.870		-		0.870	-	1.740	-
Dismounted Blue Force Tracking and Mission Command	C/FFP	Various : Various	0.000	-		0.222		0.222		-		0.222	-	0.444	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army			Date: March 2014
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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Base: Various Projects-Logistics/Medical in Counterinsurgency Ops	C/FFP	Various : Various	1.639	-		-		-		-		-	-	1.639	-
Base: Various Projects-Timeliness of Analysis and Information Dissemination	C/FFP	Various : Various	6.961	-		-		-		-		-	-	6.961	-
Congressional Add-Squad Mission Support System (SMSS)	C/FFP	Various : Various	1.600	-		-		-		-		-	-	1.600	-
SSTR/Economic Assumptions/FFRDC and SBIR	C/FFP	Various : Various	1.090	-		-		-		-		-	-	1.090	-
OCO: Rapid Equipping Force	C/FFP	Various : Various	19.190	-		-		-		-		-	-	19.190	-
		Subtotal	61.330	10.295		5.000		5.000		-		5.000	-	-	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2013 Cost	FY 2013 Award Date	FY 2014 Cost	FY 2014 Award Date	FY 2015 Base Cost	FY 2015 Base Award Date	FY 2015 OCO Cost	FY 2015 OCO Award Date	FY 2015 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
ATEC (REF Integrated Priority List 1-10)	C/FFP	Various : Various	7.779	2.065		1.500		-		-		-	Continuing	Continuing	Continuing
ATEC (REF Integrated Priority List 1-7)	C/FFP	Various : Various	0.000	-		-		1.120		-		1.120	-	1.120	-
		Subtotal	7.779	2.065		1.500		1.120		-		1.120	-	-	-

	Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	69.109	12.360		6.500		6.120		-		6.120	-	-	-

Remarks