

**DISCLOSURE OF CONGRESSIONAL EARMARKS AND
CONGRESSIONALLY DIRECTED SPENDING ITEMS**

Following is a list of congressional earmarks and congressionally directed spending items (as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, respectively) included in the amended bill or the explanatory statement, along with the name of each Senator, House Member, Delegate, or Resident Commissioner who submitted a request to the Committee of jurisdiction for each item so identified. Neither the amended bill nor the explanatory statement contains any limited tax benefits or limited tariff benefits as defined in the applicable House or Senate rules.

DEFENSE
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
AP,A	Air Filtration Systems for National Guard Helicopters	\$800,000	Akin	Bond
AP,A	Air Warrior Ensemble Generation III	\$3,000,000		Warner; Webb
AP,A	Army National Guard UH-60 Rewiring Program	\$8,000,000	Granger	
AP,A	Automatic Identification Technology Life Cycle Asset Management	\$1,200,000		Shelby
AP,A	CH-47 Helicopter Forward and Aft Hook Project	\$2,400,000	Baird	
AP,A	CH-47F Common Avionics Architecture System-Pilot Vehicle Interface	\$2,720,000	Hinchey; Latham; McHugh	Grassley; Sessions
AP,A	Civil Support Communications Systems for Kentucky Army National Guard UH-60 Aircraft	\$1,600,000	Rogers (KY)	Bunning
AP,A	Forward Looking Infrared Sensors for UH-60 Medevac Helicopters for the Minnesota National Guard	\$800,000	Oberstar	Klobuchar
AP,A	Internal Auxiliary Fuel Tank System	\$2,400,000	Franks (AZ); Bishop (UT); Pas-sator (AZ)	Bennett; Hatch; Leahy
AP,A	Recoil UH-60 Wild Land Fire-Fighting Tank System	\$3,200,000		Merkley; Wyden
AP,A	UH-72A Integrated Vehicle Management System	\$1,600,000		Johnson; Leahy
AP,A	Vibration Management Enhancement Program	\$3,000,000	Clyburn; Wilson (SC)	
AP,AF	ARC 210 Radios for ANG F-16s	\$1,600,000		Brownback; Harkin; Hatch; Merkley; Nelson (FL); Wyden
AP,AF	C-130 Active Noise Cancellation System	\$2,400,000	Tiahrt	Brownback; Roberts
AP,AF	Civil Air Patrol	\$4,000,000	Tiahrt	Roberts

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
AP/AF	Large Aircraft Podded Infrared Countermeasures Systems for Air Force Reserve KC-135	\$1,200,000	Bean	
AP/AF	LITENING 4th Generation Kit Upgrades	\$2,000,000	Boozman; Herseth Sandlin	Johnson; Landrieu; Thune
AP/AF	Miniature Air-Launched Decoy	\$1,600,000		Warner; Webb
AP/AF	Scathe View Hyper-Spectral Imagery Upgrade for Nevada ANG	\$3,600,000	Titus; Berkley; Heller	Reid
AP/AF	Senior Scout, Electro-Optical Infrared Capability	\$4,800,000	Bishop (UT)	Bennett; Hatch
AP/AF	Senior Scout, Line of Sight Datalink	\$2,400,000	Bishop (UT)	Bennett; Hatch
AP/AF	Senior Scout, Remote Operations Capability	\$2,400,000	Bishop (UT)	Bennett; Hatch
AP/AF	Support Equipment for Time Critical Targeting, Senior Scout	\$3,000,000		Bennett; Crapo; Risch
AP/N	Advanced Skills Management Command Portal—Fleet Readiness Centers	\$2,000,000	Dicks	Cantwell
AP/N	AN/AAR-47D(V)X Missile Warning System	\$4,000,000	Young (FL)	Nelson (FL)
AP/N	Crane Integrated Defensive Electronic Countermeasures Depot Capability	\$1,600,000	Ellsworth	Lugar
AP/N	Direct Squadron Support Readiness Training Program	\$3,200,000		Byrd
AP/N	Multi-Mission Helicopter Avionics System Test Bed	\$1,500,000	Hoyer	
AP/N	UC-12 Replacement Aircraft	\$1,960,000		Brownback
AP/N	Universal Avionics Recorder Wireless Flight Download Data	\$800,000	Harman	
DHP	AFIP/Joint Pathology Center Records Digitization and Repository Modernization	\$12,000,000		Byrd

DHP	Composite Operational Health and Occupational Risk Tracking System	\$2,400,000	Tiaht	Brownback
DHP	Enhanced Medical Situational Awareness	\$1,920,000		Kohl
DHP	Epidemiologic Health Survey	\$720,000	Loebsock	Grassley; Harkin
DHP	Fort Drum Regional Health Planning Organization	\$430,000	McHugh	Schumer
DHP	Hawaii Federal Health Care Network	\$23,000,000		Inouye
DHP	Lung Injury Management	\$1,160,000		Corker
DHP	Medigan Army Medical Center Trauma Assistance	\$2,500,000	Dicks; Smith (WA)	Cantwell; Murray
DHP	Military Physician Combat Medical Training	\$1,000,000	Brown; Corrine (FL)	Nelson (FL)
DHP	Patient Care Improvement Project at Keesler Medical Center	\$3,280,000		Cochran
DHP	Regional Telepathology Initiative at Keesler AFB	\$1,680,000		Cochran
DHP	Security Solutions from Life in Extreme Environments Center	\$800,000	Cummings	Crapo; Risch
DHP	Shock Trauma Center Operating Suites	\$2,400,000	Ruppersberger; Cummings	
DHP	Web-Based Teaching Programs for Military Social Work	\$3,200,000	Roybal-Allard	Boxer
DHP	Wide Area Virtual Environment Simulation for Medical Readiness Training	\$2,400,000	Van Hollen	
DPA	Advanced Carbon Nanotube Volume Production Facility	\$2,400,000	Hodes	Gregg; Shaheen
DPA	Aluminum Oxy-Nitride and Spinel Optical Ceramics	\$2,400,000	Bono Mack; Higgins; Tierney	Schumer
DPA	Armor and Structures Transformation Initiative-Steel to Titanium	\$8,100,000	Murtha	
DPA	Automated Composite Technologies and Manufacturing Center	\$9,600,000	Bishop (UT)	Bennett; Hatch
DPA	Bio-synthetic Paraffinic Kerosene Production	\$4,000,000		Burriss
DPA	Conductive Composites Nano-Materials Scale-Up Initiative	\$2,800,000		Bennett; Hatch

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
DPA	Extremely Large, Domestic Expendable and Reusable Structures Manufacturing Center	\$7,840,000	Aderholt: Griffith	Cochran: Shelby; Wicker
DPA	Flexible Aerogel Materials Supplier Initiative	\$2,400,000	Kennedy	Reed: Whitehouse
DPA	Goodrich Terahertz Spectrometer	\$4,000,000		Dodd: Lieberman
DPA	High Homogeneity Optical Glass	\$3,200,000		Casey: Specter
DPA	High Performance Thermal Battery Infrastructure Project	\$3,000,000	Young (FL)	
DPA	Inventory for Defense Applications to Ensure Reliability of Short Lead Times	\$10,000,000	Murtha	
DPA	Lightweight Small Caliber Ammunition Production Initiative	\$3,760,000	Taylor	Cochran: Wicker
DPA	Low Cost Military Global Positioning System (GPS) Receiver	\$3,200,000	Loebbeck: Latham	Grassley: Harkin
DPA	Metal Injection Molding Technological Improvements	\$800,000	Pascrell	
DPA	Military Lens System Fabrication and Assembly	\$3,200,000	Murtha	
DPA	Navy Production Capacity Improvement Project	\$3,200,000	Dent	Casey: Specter
DPA	Production of Miniature Compressors for Electronics and Personal Cooling	\$3,600,000	Rogers (KY)	
DPA	Radiation Hardened Cryogenic Read Out Integrated Circuits	\$1,600,000	Simpson	
DPA	Titanium Metal Matrix Composite and Nano-Enhanced Titanium Development	\$6,400,000		Byrd
DRUGS	Alaska National Guard Counter-Drug Program	\$2,400,000		Begich
DRUGS	Delaware National Guard Counter-Drug Task Force	\$300,000	Castle	Carper: Kaufman

DRUGS	Florida Counter-Drug Program	\$2,900,000	Putnam; Brown, Corrine (FL); Young (FL)	Nelson (FL)
DRUGS	Hawaii National Guard Counter-Drug Program	\$3,000,000		Inouye
DRUGS	HERON Maritime UAS for SOUTHCOM	\$9,340,000	Childers	Cochran; Wicker
DRUGS	Indiana National Guard Counter-Drug Program	\$2,400,000	Visclosky	
DRUGS	Kentucky National Guard Counter-Drug Program	\$3,600,000	Rogers (KY)	McConnell
DRUGS	Midwest Counter-Drug Training Center	\$6,000,000		Grassley; Harkin
DRUGS	Minnesota National Guard Counter-Drug Program	\$1,600,000	Oberstar	Klobuchar
DRUGS	Montana National Guard Counter-Drug Task Force	\$800,000		Tester
DRUGS	Nevada National Guard Counter-Drug Program	\$4,000,000	Titus; Berkley	Reid
DRUGS	New Mexico National Guard Counter-Drug Program	\$4,800,000	Teague	Bingaman; Udall (NM)
DRUGS	North Carolina Counter-Drug Task Force	\$800,000	Jones (NC); Butterfield; Shuler	Hagan
DRUGS	Northeast Counter-Drug Training Center	\$4,500,000		Casey; Specter
DRUGS	Regional Counter-Drug Training Academy—Meridian	\$2,800,000	Harper	Cochran
DRUGS	Tennessee National Guard Appalachia High Intensity Drug Trafficking Area	\$4,000,000	Tanner; Davis (TN)	Alexander; Corker
DRUGS	West Virginia Counter-Drug Program	\$800,000		Byrd
DRUGS	Western Region Counter-Drug Training Center	\$2,500,000	Dicks; Baird; Larsen (WA); McDermott; Smith (WA)	Cantwell; Murray
GP	Alaska Territorial Guard			Begich; Murkowski
GP	Arrest Deterioration of Ford Island Aviation Control Tower, Pearl Harbor, HI	\$3,840,000	Abercrombie	
GP	Center for Military Recruitment, Assessment and Employment	\$3,000,000	Roskam	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
GP	Edward M. Kennedy Institute for the Senate	\$18,900,000	Markey (MA)	Inouye; Kerry; Kirk
GP	Joint Venture Education Program	\$5,500,000		Inouye
GP	Marshall Legacy Institute	\$500,000	Murtha	
GP	National World War II Museum	\$20,000,000	Cao	Landrieu; Vitter
GP	New Jersey Technology Center	\$3,000,000	Holt; Pallone	Lautenberg; Menendez
GP	Our Military Kids	\$800,000	Connally; Kennedy; Kilroy; Moran (VA); Ortiz	
GP	Paralympics Military Program	\$5,000,000	Kennedy; Langevin	Reed
GP	Riverside General Hospital, Houston, TX	\$1,000,000	Jackson-Lee (TX)	
GP	SOAR Virtual School District	\$6,000,000	Bralley	Grassley; Harkin
GP	The Presidio Heritage Center	\$5,000,000	Pelosi	
GP	Training Range Upgrades			Murkowski
GP	U.S.S. Missouri Memorial Association	\$5,000,000		Inouye
GP	Vietnam Veterans Memorial Fund for De-mining Activities	\$1,000,000	Murtha	
GP	Women In Military Service for America Memorial	\$1,600,000	Richardson; Bordallo; Granger; Schakowsky	
ICMA	Language Mentorship Program incorporating an electronic portfolio	\$800,000	Boswell	

MILPERS, ARNG	Joint Interagency Training and Education Center	\$1,000,000		Byrd
MILPERS, ARNG	Joint Interagency Training and Education Center	\$3,250,000		Byrd
MILPERS, ARNG	WMD Civil Support Team for Florida	\$1,200,000	Young (FL)	
MILPERS, ARNG	WMD Civil Support Team for New York	\$200,000	McMahon; Hall (NY); Hinchey	Gillibrand
OM/A	Air Battle Captain ROTC Helicopter Training	\$1,760,000	Pomeroy	Conrad; Dorgan
OM/A	Air-Supported Temper Tent	\$3,000,000	Rogers (KY)	
OM/A	Americans with Disabilities Act Compliance for the Historical Fort Hamilton Community Club	\$1,440,000	McMahon	Schumer
OM/A	Anti-Corrosion Nanotechnology Solutions for Logistics	\$800,000	Rahall	
OM/A	Army Command and General Staff College Leadership Training Program	\$2,000,000	Jenkins	Brownback; Roberts
OM/A	Army Conservation and Ecosystem Management	\$4,000,000		Inouye
OM/A	Army Force Generation Synchronization Tool	\$800,000	Dent; Bishop (UT); Dingell	Bennett; Casey; Levin; Specter; Stabenow
OM/A	Biometrics Operations Directorate Transition	\$1,600,000		Byrd
OM/A	Common Logistics Operating System	\$1,600,000	Bishop (GA)	
OM/A	Critical Language Instruction for Military Personnel, Education, Training and Distance Learning	\$2,400,000	Putnam	
OM/A	Defense—Fire Alarm /Detection System Installation for the Historical Fort Hamilton Community Club	\$400,000	McMahon	Schumer
OM/A	Defense Job Creation and Supply Chain Initiative	\$2,400,000	Posey; Brown; Corrine (FL)	
OM/A	Defense—Sprinkler System Installation for the Historical Fort Hamilton Community Club	\$960,000	McMahon	Schumer

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
OM/A	Desert Locust Laser Protective Lens	\$2,400,000		Leahy
OM/A	Diversity Recruitment for West Point Military Academy	\$800,000	Hall (NY)	Schumer
OM/A	Fort Benning National Incident Management System Compliant Installation Operations Center	\$4,000,000	Bishop (GA); Rogers (AL)	Chambliiss
OM/A	Fort Bliss Data Center	\$1,360,000	Reyes	
OM/A	Fort Hood Training Lands Restoration and Maintenance	\$2,000,000	Carter; Edwards (TX)	
OM/A	Genocide Prevention Course through Combined Arms Center	\$1,280,000	Israel	Schumer
OM/A	Ground Combat System Knowledge Center and Technical Inspection Data Capture	\$1,000,000	Moran (VA)	
OM/A	Initiative to Increase Minority Participation In Defense	\$6,400,000	Fattah	
OM/A	IT and Information Management Upgrades, Fort Greely, AK	\$300,000		Murkowski
OM/A	Lightweight Tactical Utility Vehicles	\$3,600,000	Petri, Kissell	
OM/A	Logistics Interoperability	\$1,200,000	Rahall	
OM/A	Modular Command Post Tent	\$4,800,000	Rogers (KY)	
OM/A	Net-Centric Decision Support Environment Sense and Respond Logistics	\$2,000,000	Bishop (GA)	
OM/A	Online Technology Training Program at Joint Base Lewis-McChord	\$1,600,000	Dicks	
OM/A	Operational/Technical Training Validation for Joint Maneuver Forces at Fort Bliss	\$800,000	Reyes	
OM/A	Post Security Enhancements, Fort Greely, AK	\$800,000		Murkowski

OM.A	Repair Heating, Ventilation, Air Conditioning System in National Simulations Center	\$1,428,000	Jenkins	
OM.A	Rock Island Arsenal Building 299 Roof Replacement	\$5,800,000	Bralley	Grassley; Harkin
OM.A	ROTC and Reserve Component Strategic Language Hub Pilot	\$1,200,000	Deal; Marshall	
OM.A	Rule of Law	\$500,000		Graham
OM.A	Transformation of ISO Containers to Smart Containers	\$3,300,000	Burr	
OM.A	TRANSIM Driver Training	\$3,500,000	Kingston; Bishop (UT); Matheson	
OM.A	UH-60 Leak Proof Drip Pans	\$2,500,000	Rogers (KY)	
OM.A	US Army ROTC Emergency Facility Renovation	\$935,000	Posey	
OM.AF	Advanced Autonomous Robotic Inspections for Aging Aircraft	\$800,000	Cole; Fallin	
OM.AF	Air Education and Training Command Range Improvements at the Barry M. Goldwater Range	\$1,200,000	Giffords; Franks (AZ); Grijalva; Pastor (AZ)	
OM.AF	Air Force Academy Space and Defense Studies Research and Curriculum Development	\$300,000	Bennet; Udall (CO)	
OM.AF	Alaska Joint Command and Control Infrastructure and Physical Security	\$1,560,000	Murkowski	
OM.AF	Defense Critical Languages and Cultures Initiative	\$3,000,000	Conaway	Cornyn; Hutchinson
OM.AF	Demonstration Project for Contractors Employing Persons with Disabilities	\$3,200,000	Tiahrt	Brownback
OM.AF	Diversity Recruitment for Air Force Academy	\$550,000	Becerra	
OM.AF	Expert Knowledge Transformation Project	\$1,600,000	Gonzalez	
OM.AF	Joint Aircrew Combined System Tester (JCAST)	\$1,600,000	Biggett	
OM.AF	Joint Pacific Alaska Range Complex (JPARC) Enhancements	\$6,900,000		Murkowski
OM.AF	MacBili Air Force Base Online Technology Program	\$800,000	Castor (FL)	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
OM,AF	Military Medical Training and Disaster Response Program	\$1,600,000	Mitchell	
OM,AF	Minority Aviation Training Program	\$1,000,000	Meek (FL)	
OM,AF	Mission Essential Airfield Operations Equipment	\$931,000		Reid
OM,AF	National Center for Integrated Civilian-Military Domestic Disaster Medical Response	\$3,200,000	DeLauro	Dodd; Lieberman
OM,AF	USAF Engine Trailer Life Extension Program	\$2,400,000		Reid
OM,AF	Wage Issue Modification for USFORAZORES Portuguese National Employees	\$240,000	Frank (MA)	
OM,AF	Warner Robins Air Logistics Center Strategic Airlift Aircraft Availability Improvement	\$3,200,000	Kingston; Marshall	Isakson
OM,ANG	190th Air Refueling Wing Squadron Operations Facility	\$6,600,000	Jenkins	Brownback
OM,ANG	Controlled Humidity Protection for McEntire Joint National Guard Base (SCANG Facilities)	\$2,160,000	Wilson (SC)	Graham
OM,ANG	Critical Infrastructure Interdependencies Vulnerabilities Assessment (CIIVA) Program	\$2,000,000		Murray
OM,ANG	Facility Renovations and Retrofit, 168th Air Refueling Wing	\$1,300,000		Murkowski
OM,ANG	Force Protection and Training Equipment	\$465,000	Graves	
OM,ANG	Joint Interagency Training and Education Center	\$150,000		Byrd
OM,ANG	Joint Interoperability Coordinated Operations and Training Exercise	\$515,000	Kingston	
OM,ANG	Smoky Hill Range Access Road Improvements	\$800,000	Moran (KS)	Brownback
OM,AR	Nevada National Guard Joint Operations Center	\$800,000	Heller	Reid

OM, ARNG	Advanced Law Enforcement Rapid Response Training		\$800,000	Doggett	
OM, ARNG	Advanced Trauma Training Course for the Illinois National Guard		\$2,000,000	Davis (IL); Jackson (IL)	Burriss
OM, ARNG	Army National Guard M939A2 Repower Program		\$4,000,000	Carter	
OM, ARNG	Army National Guard Unit History Records		\$4,000,000		Bennett
OM, ARNG	ARNG Battery Modernization Program		\$1,600,000		Bond
OM, ARNG	Camp Ethan Allen Training Site Road Equipment		\$300,000	Weich	Leahy; Sanders
OM, ARNG	CID Equipment		\$449,000	Cuellar	
OM, ARNG	Colorado National Guard Reintegration Program		\$1,000,000		Bennet; Udall (CO)
OM, ARNG	Florida Army National Guard Future Soldier Trainer		\$2,400,000	Meek (FL)	
OM, ARNG	Full Cycle Deployment Support Pilot Program		\$3,200,000	Hodes; Shea-Porter	Gregg; Shaheen
OM, ARNG	High-Mobility Multipurpose Wheeled Vehicle Repair		\$20,000,000		Collins; Snowe
OM, ARNG	Joint Command Vehicle and Supporting C3 System		\$1,800,000	Shea-Porter; Hodes	
OM, ARNG	Joint Interagency Training and Education Center		\$5,600,000		Byrd
OM, ARNG	Marksmanship Skills Trainer		\$2,000,000	Conaway; Ortiz	Cornyn
OM, ARNG	Minnesota National Guard Beyond the Yellow Ribbon Reintegration Program		\$2,000,000	Walz; Ellison; Oberstar; Paulsen; Peterson	Klobuchar
OM, ARNG	Multi-Jurisdictional Counter-Drug Task Force Training		\$2,800,000	Young (FL)	
OM, ARNG	National Guard and First Responder Resiliency Training		\$1,500,000		Brownback
OM, ARNG	National Guard Civil Support Team / CBRNE Enhanced Response Force Package		\$1,200,000	Dicks; Hastings (WA)	
OM, ARNG	North Carolina National Guard Family Assistance Centers		\$1,280,000	Butterfield; Etheridge; McIntyre; Miller (NC); Price (NC); Shuler; Watt	Burr; Hagan

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
OM,ARNG	Oregon National Guard Reintegration Program	\$960,000	Schrader	Merkley; Wyden
OM,ARNG	Re-establishing Ties: The Road from Warrior to the Community	\$3,000,000	Adler; Smith (NJ)	Lautenberg; Menendez
OM,ARNG	Regional Geospatial Service Centers	\$2,000,000	Gohmert	Hutchison
OM,ARNG	Repair of Military Asset Storage Facilities	\$2,300,000		Byrd
OM,ARNG	Supplemental Child Care Support for Families of Deployed Vermont Reserve Component	\$1,600,000		Sanders
OM,ARNG	Tools for Maintenance Conversion	\$1,600,000		Burr
OM,ARNG	Training Aid Suite for Vermont NG Training Sites	\$1,046,400	Weich	Sanders
OM,ARNG	UH-60 Leak Proof Drip Pans	\$2,000,000	Rogers (KY)	
OM,ARNG	Vermont Army National Guard Security Upgrades	\$744,000	Weich	Leahy; Sanders
OM,ARNG	Vermont National Guard Family Assistance Centers	\$500,000		Sanders
OM,ARNG	Vermont Service Member, Veteran, and Family Member Outreach, Readiness, and Reintegration Program	\$2,400,000		Leahy; Sanders
OM,ARNG	WMD Civil Support Team for Florida	\$2,000,000	Young (FL)	
OM,ARNG	WMD Civil Support Team for New York	\$500,000	McMahon; Hinchey	Schumer
OM,ARNG	WMD Multi-Sensor Response and Infrastructure Project System	\$1,600,000	Fallin	
OM,DW	Almaden AFS Environmental Assessment and Remediation	\$3,200,000	Honda; Lofgren	Boxer; Feinstein
OM,DW	Armed Forces Health and Food Supply Research	\$800,000		Roberts

OM,DW	Castner Range Conservation Conveyance Study		\$300,000	Reyes	
OM,DW	Centerville Naval Housing Transfer		\$4,800,000	Thompson (CA)	
OM,DW	Counter Threat Finance—Global		\$1,600,000	Ryan (OH)	
OM,DW	Critical Language Training		\$1,600,000	Davis (CA)	
OM,DW	Defense-Critical Languages and Cultures Program		\$2,000,000	Rehberg	Baucus; Tester
OM,DW	Drydock #1 Remediation and Disposal		\$3,000,000	Pelosi	
OM,DW	Eliminate Public Safety Hazards		\$1,072,000	Slaughter	Schumer
OM,DW	George AFB (New and Existing Infrastructure Improvements)		\$1,000,000	McKeon	
OM,DW	Hunter's Point Naval Shipyard Remediation		\$9,000,000	Pelosi	
OM,DW	McClellan AFB Infrastructure Improvements		\$800,000	Matsui	Boxer
OM,DW	Middle East Regional Security Program		\$2,400,000	Berman	
OM,DW	Military Intelligence Service Historic Learning Center		\$1,000,000	Pelosi	
OM,DW	MS GIS Educational and Research Program		\$1,000,000	Lewis (CA)	
OM,DW	Naval Station Ingleside Redevelopment		\$1,000,000	Ortiz	Hutchison
OM,DW	Norton AFB (New and Existing Infrastructure Improvements)		\$4,800,000	Lewis (CA)	
OM,DW	NSW Protective Combat Uniform		\$2,500,000	Granger	
OM,DW	Phase 1 of Berth N-2 Reconstruction of MOTBY Ship Repair Facility		\$3,600,000	Sires	Lautenberg; Menendez
OM,DW	Remediation of Jet Fuel Contamination at Floyd Bennett Field		\$2,400,000	Weiner	Schumer
OM,DW	Soldier Center at Patriot Park, Ft. Benning		\$4,000,000	Bishop (GA)	
OM,DW	Special Operations Forces Modular Glove System		\$4,780,000	Kratovil; Baird; Castle; McDermott	Carper; Kaufman; Mikulski; Murray; Reed

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
OM,DW	Strategic Language Initiative	\$2,880,000	Richardson; Royce; Watson	Boxer
OM,DW	Thorium / Magnesium Excavation—Blue Island	\$1,600,000	Jackson (IL)	
OM,DW	Translation and Interpretation Skills for DoD	\$1,600,000	Farr	
OM,MC	Family of Shelters and Tents	\$1,600,000		Warner; Webb
OM,MC	Flame Resistant High Performance Apparel	\$1,200,000	Kissell	Burr; Hagan
OM,MC	Hemostatic Combat Gauze	\$800,000	DeLauro	Dodd; Lieberman
OM,MC	MGPTS Type III or Rapid Deployable Shelter	\$2,400,000	Hinchey	Schumer
OM,MC	Rapid Data Management System	\$2,500,000		Gregg
OM,MC	Spray Technique Analysis and Research for Defense (STARAD)	\$2,200,000	Braley	Grassley; Harkin
OM,MC	Ultra Lightweight Camouflage Net System (ULCANS)	\$2,800,000	Etheridge; Coble	Burr; Hagan
OM,N	ATIS Maintenance and Enhancement Program	\$800,000	Rahall	
OM,N	Brown Tree Snake Program	\$500,000	Bordallo	
OM,N	Center for Defense Technology and Education for the Military Services (CDTEMS)	\$5,600,000	Farr	
OM,N	Continuing Education—Distance Learning at Military Installations	\$1,600,000	Brown-Waite; Ginny (FL)	
OM,N	Digitization, Integration, and Analyst Access of Investigative Files; Naval Criminal Investigative Services	\$4,000,000		Byrd
OM,N	Diversity Recruitment for Naval Academy	\$800,000	Becerra	

OM,N	Energy Education and Training for Military Personnel	\$500,000	Pomeroy	Conrad; Dorgan
OM,N	Enhanced Navy Shore Readiness Integration	\$4,000,000	Dicks	
OM,N	Fleet Readiness Data Assessment	\$1,920,000	Calvert	
OM,N	Institute for Threat Reduction and Response—Simulated and Virtual Training Environments	\$960,000	Brown, Corrine (FL)	
OM,N	Mk 45 Mod 5 Gun Depot Overhauls	\$12,000,000		McConnell
OM,N	Naval Strike Air Warfare Center OEF / OIF training (Terminal Attack Control)	\$800,000		Reid
OM,N	Navy Ship Disposal—Carrier Demonstration Project	\$2,400,000	Ortiz	
OM,N	Puget Sound Naval Maintenance and Repair Process Improvements	\$1,680,000	Dicks	Cantwell
OM,N	Puget Sound Navy Museum	\$600,000	Dicks	
OM,NR	Developing and Testing Environmentally Safe Decontaminating Agents for Bio-defense, Biomedical, and Environmental Use	\$1,200,000	Diaz-Balart, Mario (FL)	
OP,A	Call for Fire Trainer II/ Joint Fires and Effects Trainer System	\$5,000,000	Cole	Inhofe
OP,A	Combat Casualty Care Upgrade Program	\$2,400,000	Barrett	Graham
OP,A	Combat Skills Marksmanship Trainer	\$4,000,000	Kingston; Gingrey (GA)	Chambliss; Isakson
OP,A	Combined Arms Virtual Trainers for the New Mexico National Guard	\$400,000	Lujan	
OP,A	Combined Arms Virtual Trainers for the Tennessee National Guard	\$5,000,000	Davis (TN); Wamp; Duncan	Alexander
OP,A	Communications Aerial Platforms for Increased Situational Awareness for the Minnesota National Guard	\$1,888,000	Paulsen; Oberstar; Walz	Klobuchar
OP,A	Expandable Light Air Mobility Shelters (ELAMS) and Contingency Response Communications System (CRCS)—Illinois National Guard (LNG)	\$1,600,000		Levin; Stabenow
OP,A	FIDO Explosives Detector	\$3,000,000	Fallin	Inhofe
OP,A	Fifth-Wheel Towing Devices for the Puerto Rico Army National Guard	\$560,000	Pierluisi	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
OP,A	Fort Bragg Range 74 Combined Arms Collective Training Facility	\$800,000	Kissell	Hagan
OP,A	HMMMW Egress Assistance Trainer for the Tennessee National Guard	\$160,000		Corker
OP,A	Immersive Group Simulation Virtual Training System for the Hawaii National Guard	\$2,300,000	Abercrombie	Akaka
OP,A	Individual Gunnery, Tank Gunnery, and Tabletop Full-Fidelity Trainers for the New Mexico National Guard	\$1,600,000	Lujan	
OP,A	Kentucky National Guard Emergency Response Generator Stockpile	\$4,800,000	Rogers (KY)	
OP,A	Laser Marksmanship Training System	\$2,000,000	Kennedy	Reed
OP,A	Life Support for Trauma and Transport	\$800,000	Sanchez, Loretta (CA); Reyes	
OP,A	Machine Gun Training System for the Pennsylvania National Guard	\$2,400,000	Holden	
OP,A	Magneto Inductive Remote Activation Munitions System (MI-RAMS) M156 /M39 Kits and M40 Receivers	\$7,200,000	Lewis (CA)	
OP,A	Mine Resistant Ambush Protected Vehicle Virtual Trainers for the Illinois National Guard	\$6,400,000	Hare	Durbin
OP,A	Mine Resistant Ambush Protected Vehicle Virtual Trainers for the Tennessee National Guard	\$5,000,000	Davis (TN); Duncan; Tanner	Alexander; Corker
OP,A	Mobile Defensive Fighting Position	\$1,600,000	Maffei	Schumer
OP,A	Mobile Firing Range for the Texas National Guard	\$1,500,000	Conaway; Granger	
OP,A	Multi-Temperature Refrigerated Container System	\$2,800,000	Davis (KY)	
OP,A	Muscatatuck Urban Training Center Instrumentation for the National Guard	\$2,000,000	Ellsworth	Lugar
OP,A	Phoenix Quad-Band Satellite Receiver for the Delaware National Guard	\$3,200,000		Carper; Kaufman

OP,A	Radio Personality Modules for SINCGARS Test Sets	\$3,000,000	Tiahrt	Brownback
OP,A	Red River Army Depot Modernization	\$1,600,000		Bond
OP,A	Regional Emergency Response Network Emergency Cell Phone Capability	\$4,000,000	Hastings (FL); Stearns; Brown, Corfune (FL); Young (FL)	Nelson (FL)
OP,A	Reinforcement HMMWV Repair Hood Kits	\$800,000		Merkley; Wyden
OP,A	Tactical Operations Center for the Washington National Guard	\$1,840,000	Reichert, Baird, McDermott	Cantwell; Murray
OP,A	Tactical/Crew Served Weapon Illumination Systems	\$2,400,000		Ensign; Reid
OP,A	Ultra Light Utility Vehicles for the National Guard	\$4,480,000	Obey	Harkin; Klobuchar
OP,A	US Army Operator Driving Simulator for the Tennessee National Guard	\$280,000		Corker; Levin
OP,A	Virtual Convoy Operations Trainer for the New Mexico National Guard	\$1,200,000	Lujan	
OP,A	Virtual Convoy Operations Trainers for the Illinois National Guard	\$2,400,000	Hare	Durbin
OP,A	Virtual Interactive Combat Environment for the New Jersey National Guard	\$3,500,000	Rohman	Lautenberg; Menendez
OP,A	Virtual Interactive Combat Environment Training System for the Virginia National Guard	\$2,000,000	Connally; Moran (VA)	Warner; Webb
OP,AF	Air National Guard Joint Threat Emitter—Savannah Combat Readiness Training Centers	\$800,000	Lee (NY)	Schumer
OP,AF	Aircrew Body Armor and Load Carriage Vest System	\$2,400,000	Akin	Bond
OP,AF	Eagle Vision for the Hawaii Air National Guard	\$2,400,000		Inouye
OP,AF	Eagle Vision III	\$4,800,000	Blibray; Davis (CA)	
OP,AF	Eagle Vision Program	\$1,500,000	Clyburn; Wilson (SC)	
OP,AF	Joint Pacific Alaska Range Complex (JPARC) Enhancements	\$12,680,000		Murkowski
OP,AF	Joint Threat Emitters	\$4,000,000	Kingston	
OP,AF	Mission Essential Airfield Operations Equipment	\$916,000		Reid

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
OP,AF	Mission Essential Airfield Operations Equipment	\$1,139,000		Reid
OP,AF	One AF /One Network Infrastructure	\$1,600,000	Olson; Rothman	
OP,AF	One AF /One Network Infrastructure for the Pennsylvania National Guard	\$1,600,000	Schwartz	
OP,AF	Unmanned Threat Emitters (UMTE) Modernization	\$2,400,000		Reid
OP,N	Adaptive Diagnostic Electronic Portable Testset	\$1,000,000	Young (FL)	Nelson (FL)
OP,N	Advanced Mission Extender Device Kits	\$1,600,000		Leahy
OP,N	AN / BLO-10A(V) Wideband Signal Processor	\$3,000,000	Marshall	Chambliss
OP,N	AN / USQ-167 COMSEC Upgrade	\$800,000	Filner	
OP,N	Canned Lube Pumps LHD-1 Class	\$800,000	Kissell	Burr
OP,N	Deployable Joint Command and Control Shelter Upgrade Program	\$2,400,000	Salazar	Bingaman; Udall (NM)
OP,N	Dive Boats	\$2,000,000		Burr
OP,N	Enhanced Detection Adjunct Processor	\$3,200,000	Kaptur	Brown
OP,N	Force Protection Boats (Small)	\$2,000,000	Melancon	Landrieu; Vitter
OP,N	Fuel Oil Barge (YON)	\$4,200,000	Brown (SC)	Graham
OP,N	Hawaiian Range Complex	\$1,600,000		Inouye
OP,N	Hydroacoustic Low Frequency Source Generation Systems	\$1,600,000	Massa; Lee (NY)	Schumer

OP,N	Intelligraf Training and Maintenance Aid for Above Water Sensors		\$2,000,000		Murray
OP,N	LCS-1 Waterjet Spares	Lynch	\$3,200,000		Kerry; Kirk
OP,N	LSD-41 / 49 Diesel Engine Low Load Upgrade Kit	Baldwin	\$1,600,000		Kohl
OP,N	Multi-Climate Protection System	Rogers (MI); Hodes, Shea-Porter; Tsongas	\$6,400,000		Gregg; Kerry; Kirk; Levin; Shaheen; Slabenow
OP,N	Navy AIT Logistics Modernization	Kagen; Larsen (WA); Loeb sack	\$3,200,000		Grassley; Harkin; Murray; Reed; Whitehouse
OP,N	Pearl Harbor Navy Shipyard Equipment Modernization		\$4,200,000		Inouye
OP,N	Radar Product Support System		\$2,400,000		Dodd
OP,N	RAM Mark 49 Mod 3 Launcher Obsolescence / Affordability		\$1,000,000		McConnell
OP,N	Remote Monitoring and Troubleshooting Project	Aderholt	\$2,320,000		Sessions; Shelby
OP,N	Secure Remote Monitoring Systems	Moran (VA)	\$1,600,000		
OP,N	Smart Valve Automatic Fire Suppression System		\$2,480,000		Collins; Snowe
OP,N	SPAWAR Systems Center (SSC / ITC) New Orleans	Cao; Scalise	\$6,000,000		Landrieu; Vitter
OP,N	TB-33 Thinline Towed Array		\$4,000,000		Dodd; Lieberman; Reed; Whitehouse
P,DW	AN / PRC-148 MBITR / JTRS Enhanced MBITR		\$4,000,000		Mikulski
P,DW	Chemical and Biological Protective Shelter	Bartlett; Kratochvil; Ruppertsberger	\$5,000,000		Mikulski
P,DW	Expansion of the Forensic Intelligence Technologies and Training Support Center of Excellence	Young (FL)	\$1,600,000		
P,DW	Fusion Goggle System		\$2,400,000		Gregg
P,DW	Intelligence Broadcast Receiver for AFSOC MC-130	Miller (FL)	\$800,000		

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
P,DW	Light Mobility Vehicle—Internally Transportable Vehicle	\$1,600,000	Walters	
P,DW	M4 Weapons Shot Counter	\$3,400,000		McConnell
P,DW	Mission Helmet Recording System	\$5,200,000	Shea-Porter	Collins; Gregg; Snowe
P,DW	MK47 Mod 0 Advanced Lightweight Grenade Launcher	\$6,000,000	Michaud; Pingree (ME)	Collins; Snowe
P,DW	Overt Small Laser Marker	\$1,600,000		Gregg
P,DW	Reactive Skin Decontamination Lotion	\$4,480,000		Cochran
P,DW	Small Arms Training Ranges	\$2,000,000		Ensign; Reid
P,DW	SOPMOD II (M4 Carbine Rail System)	\$2,000,000	Kingston	
P,DW	SOVAS-Hand Held Imager/Long Range	\$4,000,000	Rehberg	Baucus; Kerry; Kirk; Tester
P,DW	Special Operations Craft—Riverine	\$5,000,000		Cochran; Wicker
P,DW	Special Operations Forces Combat Assault Rifle	\$2,000,000	Wilson (SC)	Graham
P,DW	Special Operations High Performance In-Line Sniper Scope	\$2,400,000	Tsongas	Kerry; Kirk
P,DW	Special Operations Live Rehearsal System	\$1,600,000		Nelson (FL)
P,MC	Marine Corps MK 1077 Flattracks	\$2,400,000	Aderholt	
P,MC	Microclimate Cooling Unit for M1 Abrams Tank	\$800,000	Lee (NY); Higgins	Schumer
P,MC	Nitrile Rubber Collapsible Fuel Bladders	\$3,100,000		Cochran

P,MC	On Board Vehicle Power Kits for USMC MTRV Trucks	\$9,000,000		Kohl
P,MC	Portable Armored Wall System	\$1,000,000	Adler; Bishop (UT)	
P,MC	Portable Military Radio Communications Test Set	\$1,200,000	Tiaht	Roberts
PAA	40mm Tactical All Types Mortar Round	\$4,000,000		Alexander
PAA	Ammunition Production Base Support (Scranton Army Ammunition Plant)	\$2,800,000	Kanjorski; Carney	Casey; Specter
PAA	Blue Grass Army Depot Equipment	\$2,400,000	Chandler	
PAA	Blue Grass Army Depot Supercritical Water Oxidation—Conventional Demil	\$3,920,000	Rogers (KY)	Bunning
PAA	CTG, Arty, 155mm, Illum	\$7,200,000		Lincoln; Pryor
PAA	CTG, Mortar, 120MM, Illum	\$4,200,000	Ross	Lincoln; Pryor
PAA	M721 60mm Illuminating Mortar	\$1,600,000	Ross	Lincoln; Pryor
PAA	M722 60mm White Phosphorus Smoke Mortar	\$1,600,000	Ross	Lincoln; Pryor
PAA	Small Caliber Ammunition Production Modernization	\$4,000,000	Graves; Cleaver	
PAAF	MCAAP Bomb Line Modernization	\$2,400,000	Boren	Inhofe
PANMC	Enhanced Laser Guided Training Round	\$3,600,000	Carney	
R0TE-A	Compact Airborne Mu-Mission Payload (CAMP)	\$1,600,000		Bond
R0TE-A	T01st Airborne / Air Assault Injury Prevention and Performance Enhancement Initiative	\$3,000,000		Corker; Specter
R0TE-A	30-kW Auxiliary Power Unit for Armored Combat Vehicles	\$1,600,000		Nelson (FL)
R0TE-A	3D Woven Preform Technology for Army Munitions Applications	\$1,600,000	Kennedy	Reed; Whitehouse
R0TE-A	4th Generation Wireless Exploitation	\$2,400,000	Hodes	Gregg
R0TE-A	5.56mm Aluminum Cartridge Case	\$1,600,000		Crapo; Risch

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDT-E-A	Academic Support and Research Compliance for Knowledge Gathering	\$2,000,000		Roberts
RDT-E-A	Accelerated Materials Development for Army Cannon Systems	\$2,400,000	Herseith Sandlin	Johnson
RDT-E-A	Achieving Lightweight Casting Solutions	\$1,600,000	Schock	Burris
RDT-E-A	Acid Alkaline Direct Methanol Fuel Cell	\$1,600,000	McIntyre	Hagan
RDT-E-A	Acoustic Gun Detection System for Tracked Combat Vehicles	\$1,600,000	Capuano	Kerry; Kirk
RDT-E-A	Adaptive Lightweight Materials Technology for Missile Defense	\$3,200,000	Rehberg	Baucus; Tester
RDT-E-A	Adaptive Robotics Technology for Space, Air, and Missiles (ART-SAM)	\$3,360,000	Aderholt; Rogers (AL)	Sessions
RDT-E-A	Advanced Affordable Turbine Engine Program	\$4,000,000	Larson (CT); Courtney DeLauro; Pastor (AZ)	Dodd; Lieberman
RDT-E-A	Advanced Battery Development Program	\$9,000,000		Levin
RDT-E-A	Advanced Battery Materials and Manufacturing	\$4,000,000	Halverson, Biggart	
RDT-E-A	Advanced Bio-Engineering for Enhancement of Soldier Survivability	\$2,500,000	Johnson (GA); Bishop (GA); Gingrey (GA); Kingston; Lewis (GA); Scott (GA)	Chambliss; Isakson
RDT-E-A	Advanced Bonded Diamond for Optical Applications	\$2,000,000	Kingston	Chambliss
RDT-E-A	Advanced Cancer Genome Institute	\$2,000,000	Higgins; Lee (NY); Slaughter	Schumer
RDT-E-A	Advanced Carbon Hybrid Battery for Hybrid Electric Vehicles	\$800,000	Bishop (GA)	Chambliss
RDT-E-A	Advanced Cavitation Power Technology	\$3,840,000		Cochran

RDT&E-A	Advanced Commercial Technology Insertion		\$3,100,000		Sessions; Shelby
RDT&E-A	Advanced Communications for Mobile Networks		\$3,200,000	Mollohan	
RDT&E-A	Advanced Composite Ammunition Magazine / Mount System		\$1,600,000	Obey	
RDT&E-A	Advanced Composite Armor for Force Protection		\$1,600,000	Coble	
RDT&E-A	Advanced Composite Materials Research for Land, Marine, and Air Vehicles		\$2,800,000	Rogers (MI)	Levin; Stabenow
RDT&E-A	Advanced Composite Research for Vehicles		\$4,000,000	Kilpatrick	Levin
RDT&E-A	Advanced Composites for Light Weight, Low Cost Transportation Systems using a 3+ Ring Extruder		\$2,400,000	Stupak	Levin
RDT&E-A	Advanced Conductivity Program		\$1,000,000	Young (FL)	
RDT&E-A	Advanced Corrosion Protection for Military Vehicles and Equipment		\$2,400,000		Kohl
RDT&E-A	Advanced Demining Technology		\$4,720,000		Leahy
RDT&E-A	Advanced Detection of Explosives		\$1,600,000	Young (FL)	
RDT&E-A	Advanced Diagnostic and Therapeutic Digital Technologies		\$1,600,000	Capuano; Cummings; Watson	Kerry
RDT&E-A	Advanced Digital Hydraulic Drive System		\$2,000,000	Upton	Grassley; Klobuchar; Levin; Stabenow
RDT&E-A	Advanced Electronics Rosebud Integration		\$3,000,000	Herseth Sandlin	Johnson; Thune
RDT&E-A	Advanced Environmental Control Systems		\$1,600,000		Reid
RDT&E-A	Advanced Field Artillery Tactical Data System		\$3,600,000	Souder	
RDT&E-A	Advanced Flexible Solar Photovoltaic Technologies		\$2,400,000	Obey	
RDT&E-A	Advanced Fuel Cell Research Program		\$3,200,000	Poe	Cornyn; Hutchinson
RDT&E-A	Advanced Functional Nanomaterials for Biological Processes		\$2,400,000	Snyder	Lincoln; Pryor
RDT&E-A	Advanced Ground EW and Signals Intelligence System		\$2,000,000	Larsen (WA); Smith (WA)	Murray

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R01E-A	Advanced Hybrid Chemistry for Portable Power	\$2,560,000		Brownback; Roberts
R01E-A	Advanced Lightweight Gunner Protection Kit for Lightweight MRAP Vehicle	\$800,000	Altmire	
R01E-A	Advanced Lightweight Multifunctional Multi-Threat Composite Armor Material Technology	\$2,400,000	Rangel	Schumer
R01E-A	Advanced Lithium Ion Phosphate Battery System for Army Combat Hybrid HMMWV and Other Army Vehicle Platforms	\$2,400,000	Dingell	Levin; Stabenow
R01E-A	Advanced Live, Virtual, and Constructive Training Systems	\$2,800,000	Latham	Grassley; Harkin
R01E-A	Advanced Lower Limb Prostheses for Battlefield Amputees	\$3,200,000	Markey (MA); McGovern	Kerry; Kirk
R01E-A	Advanced Materials and Process for Armament Structures (AMIPAS)	\$3,200,000	Sutton	Brown
R01E-A	Advanced Military Wound Healing Research and Treatment	\$800,000	Lee (NY)	Schumer
R01E-A	Advanced Nanocomposite Materials for Lightweight Integrated Armor Systems	\$1,600,000	Ryan (OH)	
R01E-A	Advanced Packaging Materials for Combat Rations	\$800,000	Gingrey (GA)	Chambliss; Isakson
R01E-A	Advanced Polymer Systems for Defense Application—Power Generation, Protection and Sensing	\$2,400,000	Emerson	
R01E-A	Advanced Power Generation Unit for Military Applications	\$650,000	Roskam	
R01E-A	Advanced Power Source for Future Soldiers	\$1,200,000	Carson	Lugar
R01E-A	Advanced Power Technologies for Nano-Satellites	\$1,600,000	Rogers (KY)	
R01E-A	Advanced Radar: Transceiver Integrated Circuit Development	\$800,000	Harman	
R01E-A	Advanced Rarefaction Weapon Engineered System	\$3,200,000	Kaptur	

RDT&E-A	Advanced Reactive Armor Systems	\$1,600,000	Hinchey	Schumer
RDT&E-A	Advanced Regenerative Medicine Therapies for Combat Injuries	\$3,200,000	Doyle	Casey; Specter
RDT&E-A	Advanced Robot and Sensor Technology for Surveillance and Energy Efficiency Applications	\$1,200,000	Herseth Sandlin	Johnson
RDT&E-A	Advanced Soldier-Portable Power Systems Technologies	\$2,480,000	Childers	Cochran; Wicker
RDT&E-A	Advanced Suspension System for Heavy Vehicles	\$2,160,000		Reid
RDT&E-A	Advanced Tactical Fuels for the US Military	\$3,200,000	Pomeroy	Conrad; Dorgan
RDT&E-A	Advanced Tactical Laser Flashlight	\$800,000	Kilpatrick	Levin; Stabenow
RDT&E-A	Advanced Technology for Energy Storage	\$1,600,000	Visclosky	
RDT&E-A	Advanced Technology, Energy Manufacturing Sciences	\$7,000,000	Frelinghuysen	
RDT&E-A	Advanced Thermal Management System	\$2,400,000	Stupak	Levin; Stabenow
RDT&E-A	Advanced UV Light Diode Development	\$800,000		Graham
RDT&E-A	Advanced Wearable Power System Manufacturing	\$1,600,000		Tester
RDT&E-A	Advanced Composite Nickel-Manganese-Cobalt and other Lithium Ion Battery Technologies using Nano Crystalline Scission Process	\$2,400,000	Hinchey	Schumer
RDT&E-A	Advancement of Bloodless Medicine	\$1,492,800	Rohman	Lautenberg; Menendez
RDT&E-A	Affordable Light-Weight Metal Matrix Composite (MMC) Armor	\$2,500,000		Ensign; Reid
RDT&E-A	Aging and Battle Damaged Weapon Systems Repair	\$1,200,000	Herseth Sandlin	Johnson; Thune
RDT&E-A	Air Drop Mortar Guided Munition for the Tactical UAV	\$2,400,000	Hastings (WA)	
RDT&E-A	Alginate Oligomers to Treat Infectious Microbial Biofilms	\$1,600,000	Kilroy	
RDT&E-A	All Composite Bus Program	\$2,000,000	Kennedy	
RDT&E-A	All Composite Lightweight Military Vehicle	\$1,600,000		Reed

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Alliance for Nanhealth	\$4,000,000	Culberson	
RDTE-A	ALS Therapy Development Institute—Gulf War Illness Research Project	\$1,600,000	Capuano; Brown (SC)	Kerry
RDTE-A	Alternative Power Technology for Missile Defense	\$3,200,000	Herseth; Sandlin	Johnson; Thune
RDTE-A	Aluminum Armor Project	\$840,000	Capito	
RDTE-A	Amorphous Si Flexible Photovoltaics for Grid Parity	\$1,600,000		Levin
RDTE-A	AN/ALO 211 Networked EW Controller	\$800,000	Pascrell	Lautenberg; Menendez
RDTE-A	Antennas for Unmanned Aerial Vehicles	\$1,000,000	Bonner	
RDTE-A	Antiballistic Windshield Armor	\$2,400,000		Lugar
RDTE-A	Anti-Microbial Bone Graft Product	\$1,600,000	Crenshaw; Stearns	Nelson (FL)
RDTE-A	Antioxidant Micronutrient Therapeutic Countermeasures	\$800,000	McCarthy (NY)	
RDTE-A	Anti-Tamper Research and Development	\$3,040,000	Alexander	Landrieu; Vitter
RDTE-A	Applied Communication and Information Networking	\$3,040,000	Andrews; LoBiondo	Lautenberg; Menendez
RDTE-A	ARL 3D Model-Based Inspection and Scanning	\$2,400,000	Ryan (OH)	
RDTE-A	ARL-ONAMI Center for Nanarchitectures for Enhanced Performance	\$800,000		Merkley; Wyden
RDTE-A	Armament System Engineering and Integration Initiative	\$1,600,000	Frelinghuysen; Sires	
RDTE-A	Armaments Academy	\$3,000,000	Frelinghuysen	

RDT&E-A	Army Asset Visibility Enhancement		\$800,000	Berkley	Reid
RDT&E-A	Army Center of Excellence in Acoustics, National Center for Physical Acoustics		\$4,000,000	Childers	Cochran; Wicker
RDT&E-A	Army Material Degradation		\$640,000		Conrad; Dorgan
RDT&E-A	Army Portable Oxygen Concentration System		\$1,200,000	Moran (VA)	
RDT&E-A	Army Range Technology Program (ARTP)		\$4,880,000		Cochran
RDT&E-A	Army Responsive Tactical Space System Exerciser		\$3,000,000	Aderholt	Sessions; Shelby
RDT&E-A	Army Vehicle Condition Based Maintenance		\$4,000,000	Murtha	
RDT&E-A	Army/Joint STARS Surveillance and Control Data Link Technology Refresh		\$800,000	Davis (CA)	
RDT&E-A	Asymmetric Threat Response and Analysis Project		\$2,000,000	Giffords	
RDT&E-A	Atomized Magnesium Domestic Production Design and Development		\$1,600,000	Kaptur	
RDT&E-A	Automated Communications Support Systems for WAREFIGHTERS, Intelligence Community, Linguists, and Analysts		\$1,500,000		Chambless; Isakson
RDT&E-A	Automated Portable Field System for Rapid Detection and Diagnosis of Endemic Diseases and Other Pathogens		\$1,600,000	Massa	Schumer
RDT&E-A	Automotive Technology Tactical Metal Fabrication System		\$2,500,000	Clyburn; Brown (SC)	
RDT&E-A	Automotive Tribology Center		\$1,600,000	Peters	Levin; Stabenow
RDT&E-A	Autonomous Cargo Acquisition for Rotorcraft Unmanned Aerial Vehicles		\$1,280,000	Aderholt	Shelby
RDT&E-A	Autonomous Sustainment Cargo Container		\$1,200,000	Bartlett	
RDT&E-A	Ballistic Armor Research		\$3,200,000	Dent	Specter
RDT&E-A	Battlefield Exercise and Combat Related Spinal Cord Injury Research		\$2,400,000	Brown-Waite; Gimny (FL)	
RDT&E-A	Battlefield Nursing		\$1,600,000	Cohen	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Battlefield Related Injury Translational Research Strategies	\$1,800,000	Castor (FL)	
RDTE-A	Battlefield Research Accelerating Virtual Environments for Military Individual Neuro Disorders (BRAVEMIND)	\$1,000,000	Harman	Boxer
RDTE-A	Beneficial Infrastructure for Rotorcraft Risk Reduction	\$800,000	Sestak	
RDTE-A	Bio Battery	\$800,000	Griffith	
RDTE-A	Bioactive Polymers and Coating Systems for Protection Against Bio-Threats	\$3,600,000	Pomeroy	Conrad; Dorgan
RDTE-A	Biological Air Filtering System Technology	\$3,000,000	Berry	Lincoln; Pryor
RDTE-A	Biometrics DNA Applications	\$1,500,000		Byrd
RDTE-A	Bio-Printing of Skin for Battlefield Burn Repairs	\$2,000,000	Johnson, Sam (TX)	Cornyn
RDTE-A	Bioscience Research for Soldier Food Safety	\$1,600,000		Roberts
RDTE-A	Biosensor, Communicator and Controller System	\$3,500,000		Reid
RDTE-A	Bio-Surveillance in a Highly Mobile Population	\$1,600,000		Reid
RDTE-A	Bio-waste-to-Bioenergy Center	\$2,000,000	Murphy (NY); Tonko	Gillibrand; Schumer
RDTE-A	Blood and Bone Marrow Collection Fellowship	\$2,000,000	Bishop (GA)	
RDTE-A	Blood Safety and Decontamination Technology	\$2,400,000	Getach; Delauro; Fattah; Markey (MA); McDermott; Tonko	Chambliss; Feinstein; Schumer; Specter
RDTE-A	Blood, Medical and Food Safety via Eco-Friendly Wireless Sensing (Phase II)	\$1,600,000		Klobuchar
RDTE-A	Bradley Third Generation FLIR	\$4,500,000		Nelson (FL)

RDTE-A	Brain Interventional Surgical Hybrid Initiative		\$2,400,000	Wasserman Schultz	
RDTE-A	Brain Safety Net		\$2,400,000	Walden; Blumenauer; DeFazio; Wu	Merkley; Wyden
RDTE-A	Breast Cancer Medical Information Network Decision Support		\$800,000	Berman	
RDTE-A	Brownout Situational Awareness Sensor		\$2,400,000	Hunter; Oliver	
RDTE-A	Building a Unified Information Framework		\$1,600,000	Andrews	Lautenberg; Menendez
RDTE-A	Burn and Shock Trauma Institute		\$1,600,000		Durbin
RDTE-A	Buster/Blacklight UAV Development		\$800,000	Gonzalez; Ortiz; Rodriguez	
RDTE-A	Cadmium Emissions Reduction—Letterkenny Army Depot		\$1,000,000	Shuster	
RDTE-A	Cancer Prevention through Remote Biological Sensing		\$1,600,000	Bishop (NY)	Schumer
RDTE-A	Capabilities Expansion of Spinel Transparent Armor Manufacturing		\$1,600,000	Perlmutter	
RDTE-A	Captive Carry Sensor Test-Bed		\$2,400,000	Davis (AL); Bachus	
RDTE-A	Carbide Derived Carbon for Treatment of Combat Related Sepsis		\$800,000	Sestak	Specter
RDTE-A	Carbon Nanotube Production		\$1,600,000		Hutchison
RDTE-A	Cellular Therapy for Battlefield Wounds		\$2,800,000	Fudge	
RDTE-A	Cellulose Nanocomposites Panels for Ballistic Protection		\$1,600,000	Michaud; Pingree (ME)	Collins; Snowe
RDTE-A	Center for Advanced Emergency Response		\$4,000,000		Durbin
RDTE-A	Center for Bone Repair and Military Readiness		\$1,200,000	Cleaver	
RDTE-A	Center for Borane Technology		\$2,000,000		Bond
RDTE-A	Center for Cancer Immunology Research		\$1,600,000	Culberson	
RDTE-A	Center for Defense Systems Research		\$800,000	Reyes	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Center for Engineered Biomedical Device	\$288,000	Herseth Sandlin	Johnson; Thune
RDTE-A	Center for Genetic Origins of Cancer	\$2,000,000	Dingell; Upton	Levin; Stabenow
RDTE-A	Center for Hetero-Functional Materials	\$800,000	Doggett; Conaway; Rodriguez	
RDTE-A	Center for Injury Biomechanics	\$4,000,000	Boucher	Warner; Webb
RDTE-A	Center for Integration of Medicine and Innovative Technology	\$9,000,000	Capuano; Lynch	Kerry; Kirk
RDTE-A	Center for Nanoscale Bio-Sensors as a Defense against Biological Threats	\$3,000,000	Boozman	Lincoln; Pryor
RDTE-A	Center for Ophthalmic Innovation	\$2,400,000	Diaz-Balart, Mario (FL); Ros-Lehtinen	Nelson (FL)
RDTE-A	Center for Respiratory Biodefense	\$2,400,000		Bennet
RDTE-A	Center for Virtual Reality Medical Simulation Training	\$1,200,000	Bachus; Davis (AL)	
RDTE-A	Center of Excellence in Infectious Diseases and Human Microbiome	\$2,400,000	Maloney; King (NY)	Schumer
RDTE-A	Ceramic and Metal Matrix Composites Armor Development using Ring Extruder Technology	\$800,000	Stupak	Levin
RDTE-A	Ceramic Membrane—10(X) Times More Energy for Battery Systems	\$2,400,000	Schwartz	Casey; Specter
RDTE-A	CERDEC Integrated Tool Control System	\$1,600,000	Pallone	
RDTE-A	Chemical Materials and Environmental Modeling Project	\$2,000,000		Cochran; Wicker
RDTE-A	Chronic Tinnitus Treatment Program	\$800,000	Dent	
RDTE-A	Cleveland Clinic Rehabilitation Research	\$800,000		Voitovich

RDT&E-A	Clinical Development of a Norovirus Gastroenteritis Vaccine	\$3,600,000	Baucus
RDT&E-A	Clinical Technology Integration for Military Health	\$1,600,000	Marky (MA) Kerry
RDT&E-A	Clinical Trial to Investigate Efficacy of Human Skin Substitute	\$800,000	Baldwin
RDT&E-A	Cluster Bomb Unit and Combined Effects Munitions Demilitarization	\$800,000	Brady (PA) Reid
RDT&E-A	Cogeneration for Enhanced Cooling and Heating of Advanced Tactical Vehicles	\$3,200,000	Kohl
RDT&E-A	Cognitive Based Modeling and Simulation for Tactical Decision Support	\$1,600,000	Bishop (GA)
RDT&E-A	Collaboration Skills Training for Time-Critical Teams, Squads and Workgroups	\$1,600,000	Davis (IL)
RDT&E-A	Collagen-Based Wound Dressing	\$800,000	Altmire
RDT&E-A	Combat Medic Trainer	\$2,000,000	Schwartz; Hunter Casey; Specter
RDT&E-A	Combat Mental Health Initiative	\$1,600,000	Kaptur
RDT&E-A	Combat Vehicle Electrical Power-21st Century (CVEP-21)	\$3,120,000	Lugar
RDT&E-A	Combat Wound Initiative	\$2,400,000	Kennedy
RDT&E-A	Command, Control, Communications Technology	\$1,600,000	Pascrell
RDT&E-A	Compact 10 Kilowatt Generator Set for Army and Marine Combat Vehicles	\$1,600,000	Nelson (FL)
RDT&E-A	Compact Biothreat Rapid Analysis Concept	\$4,800,000	Capuano Kerry; Kirk
RDT&E-A	Compact Pulsed Power Initiative	\$3,200,000	Conaway Hutchison
RDT&E-A	Complimentary and Alternative Medicine Research for Military Operations and Healthcare (MIL-CAM)	\$5,200,000	Harkin
RDT&E-A	Composite Applied Research and Technology for FCS and Tactical Vehicle Survivability	\$3,200,000	Castle Carper; Kaufman
RDT&E-A	Composite Bottles for Survival Egress Air	\$4,000,000	Crapo; Risch
RDT&E-A	Composite Small Main Rotor Blades	\$3,000,000	Tiahrt Brownback; Dodd; Roberts

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDT&E-A	Compostable and Recyclable Fiberboard Material for Secondary Packaging	\$2,000,000	Obey	
RDT&E-A	Construct Training Program	\$1,600,000	Gutierrez; Jackson (IL)	Durbin
RDT&E-A	Continuous Threat Alert Sensing System (CTASS)	\$1,360,000		Reid
RDT&E-A	Control of Vector-Borne Diseases	\$2,400,000	Visclosky	
RDT&E-A	Conversion of Municipal Solid Waste to Renewable Diesel Fuel	\$2,520,000	Rothman; Lance; Sires	Kerry; Specter
RDT&E-A	Cooperative Developmental Energy Program	\$1,600,000	Bishop (GA)	
RDT&E-A	Cooperative International Neuromuscular Research Group (CINRG)	\$3,280,000	Aderholt	Cochran; Wicker
RDT&E-A	Countermeasures to Hemorrhaging (Liquid Bandage and Tissue Regeneration)	\$5,760,000		Nelson (NE)
RDT&E-A	Crewmember Alert Display Development Program	\$1,600,000	Kingston	
RDT&E-A	Cryofracture / Plasma Arc Demilitarization Program	\$6,400,000	Rehberg	Baucus; Tester
RDT&E-A	Current Force Common Active Protection System Radar	\$1,600,000	Johnson, Sam (TX); Hall (TX); Johnson, Eddie Bernice (TX)	
RDT&E-A	Customized Nursing Programs for Fort Benning	\$1,600,000	Bishop (GA)	Chambliss; Isakson
RDT&E-A	Cyber Threat Analytics	\$2,400,000	Lewis (CA)	
RDT&E-A	Cybersecurity in Tactical Environments	\$800,000	Castle	Carper; Kaufman
RDT&E-A	Defense Advanced Transportation Technology Program Hybrid Truck Users Forum	\$4,800,000		Boxer
RDT&E-A	Defense Metals Technology Center	\$2,000,000	Bocciert; Ryan (OH)	Brown

R01E-A	Defense Support for Civil Authorities for Key Resource Protection		\$800,000	Shuster	
R01E-A	Defense Support to Civil Authorities Automated Support System		\$1,600,000	Moran (VA)	
R01E-A	Define Renewable Energy Sources for Base Energy Independence		\$1,600,000	Teague	Bingaman; Udall (NM)
R01E-A	Demonstration of Thin Film Solar Modules as a Renewable Energy Source		\$800,000	Reyes	
R01E-A	Dermal Matrix Research		\$2,000,000	Lance	Lautenberg; Menendez
R01E-A	Development of Drugs for Malaria and Leishmaniasis		\$3,120,000	Childers	Cochran
R01E-A	Development of Enabling Chemical Technologies for Power from Green Sources		\$1,200,000	Olver	
R01E-A	Development of Improved Lighter-Weight IED/FPV Armor Solutions		\$1,600,000	Tiaht	Roberts
R01E-A	Development, Optimization, and Transfer of a Reliable Testing Technology for Materials Designed to Protect Warfighters Against Toxic Chemical Warfare Agents		\$480,000	Herseth Sandlin	Johnson; Thune
R01E-A	Developmental Mission Integration		\$5,600,000	Frelinghuysen	
R01E-A	De-Weighting Military Vehicles through Advanced Composites Manufacturing Technology		\$2,960,000	Davis (KY)	Bunning
R01E-A	Diabetes Care in the Military		\$1,600,000	Kilpatrick	Levin
R01E-A	Diamond Lens Elements for High Powered Laser		\$800,000	McGovern	Kerry; Kirk
R01E-A	Direct Carbon Fuel Cell		\$2,800,000	Capito	
R01E-A	Discriminatory Imaging and Network Advancement for Missiles, Aviation and Space		\$2,500,000	McCormell	
R01E-A	Distributed Power from Wastewater		\$2,000,000	Wilson (OH); Space	Voinovich
R01E-A	Distributed, Networked, Unmanned Ground Systems		\$3,200,000	Matheson	Bennett; Hatch
R01E-A	DoD Diabetes Research and Development Initiative (DRDI)		\$2,560,000	Dicks	
R01E-A	Domestic Production of Nanodiamond for Military Applications		\$1,600,000	Thompson (PA)	Casey; Specter
R01E-A	Drive System Composite Structural Component Risk Reduction Program		\$2,400,000	Brady (PA)	Casey; Specter

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R01E-A	Dual Stage Variable Energy Absorber	\$2,400,000	Murphy, Patrick (PA)	
R01E-A	Dugway Field Test Improvements	\$3,600,000	Bishop (UT)	Bennett; Hatch
R01E-A	Effects Based Operations Decision Support Services	\$1,600,000	Moran (VA)	
R01E-A	Electric All Terrain Ultra Light Vehicle for the Minnesota National Guard	\$1,600,000	Oberstar	
R01E-A	Electrically Charged Mesh Defense Net Troop Protection System	\$6,000,000	Aderholt	Sessions
R01E-A	Electronic Combat and Counter Terrorism Threat Developments to Support Joint Forces	\$3,000,000	Kingston	
R01E-A	Electronic Commodity Project	\$800,000		Byrd
R01E-A	Electronic Keel	\$1,600,000		Casey; Specter
R01E-A	Enabling Optimization of Reactive Armor	\$3,000,000	Whitfield; Rogers (KY)	Bunning; Dodd; Lieberman; McConnell
R01E-A	Enhanced Driver Situational Awareness	\$800,000	Kennedy	
R01E-A	Enhanced Military Vehicle Maintenance System Demonstration Project	\$2,800,000	Rogers (AL)	Sessions; Shelby
R01E-A	Enhanced-Rapid Tactical Integration for Fielding of Systems Initiative	\$3,120,000	Aderholt; Rogers (AL)	Sessions; Shelby
R01E-A	Enhancing Military Ophthalmic Education and Overcoming Urban Healthcare Disparities with Telemedicine	\$2,400,000	Brady (PA)	
R01E-A	Enhancing the Commercial Joint Mapping Toolkit to Support Tactical Military Operations	\$3,200,000	Lewis (CA)	
R01E-A	Enhancing Wound Healing, Tissue Regeneration, and Biomarker Discovery	\$2,000,000	Berkley; Titus	Ensign; Reid
R01E-A	Environmentally Intelligent Moisture and Corrosion Control for Concrete	\$1,660,000	Rohman	Lautenberg; Menendez

R01E-A	Epigenetic Disease Research		\$1,600,000	McMorris Rodgers	Cantwell; Murray
R01E-A	Evaluation of Integrative Approaches to Resilience		\$1,600,000	Moran (VA)	
R01E-A	Exceptional Family Transitional Training Program for US Military Soldiers, Sailors, Marines and Airmen		\$640,000	Murtha	
R01E-A	Execution of a Quality Systems Program for FDA Regulation Activities		\$1,200,000	Bishop (GA)	
R01E-A	Expansion and Development of Bionic Limbs for U.S. Military Personnel		\$2,000,000	Davis (IL)	Durbin
R01E-A	Expeditionary Water Reclamation Process using Supercritical Water Oxidation		\$2,800,000		Bond
R01E-A	Exploding Foil Initiators (EFI) with Nanomaterial-Based Circuits		\$2,400,000	Herseth Sandlin	Johnson
R01E-A	Extended Duration Silver Wound Dressing—Phase II		\$800,000	Shuler	Hagan
R01E-A	Eye Safe Laser Range Finder		\$2,400,000	Baldwin	Kohl
R01E-A	Eye Trauma and Visual Restoration		\$800,000	Schiff	
R01E-A	Eye-Safe Standoff Fusion Detection of CBE Threats		\$2,000,000	Doyle	Specter
R01E-A	Fibrin Adhesive Slat (FAST) Dressing		\$2,400,000		Cardin
R01E-A	Field Deployable Fleet Hydrogen Fueling		\$2,400,000		Dodd; Lieberman
R01E-A	Field Deployable Hologram Production System		\$3,840,000	Granger; Conaway	
R01E-A	Fighting Combat-Related Fatigue Syndrome		\$800,000	Kosmas; Brown, Corrine (FL)	Nelson (FL)
R01E-A	Fire Shield		\$3,200,000	Dreier	
R01E-A	Fire Suppression System		\$1,140,000	Sullivan	
R01E-A	Flexible Solar Cell for Man-portable Power Generator		\$800,000	Jackson (L); Rush	
R01E-A	Florida Trauma Rehabilitation Institute for Returning Military Personnel		\$2,400,000	Billfrakis	
R01E-A	Flu Vaccine Technology Program		\$1,200,000	Rahall	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Foil Bearing Supported UAV Engine	\$800,000	Larson (CT)	
RDTE-A	Foliage Penetrating, Reconnaissance, Surveillance, Tracking, and Engagement Radar (FORESTER) Phase II	\$1,600,000	Maffei; McHugh	Schumer
RDTE-A	Force Protection Radar for Forward Operating Bases	\$1,600,000		Murray
RDTE-A	Framework for Electronic Health Record-Linked Predictive Models	\$2,400,000	Murtha	
RDTE-A	Friction Stir Welding Program	\$2,400,000	Jordan; Kaptur	
RDTE-A	Fuel System Component Technology Research	\$1,600,000	Manzullo	
RDTE-A	Fully Burdened Cost of Fuel and Alternative Energy Methodology and Conceptual Model	\$2,800,000	Kaptur	
RDTE-A	Fused Silica for Large-Format Transparent Armor	\$3,200,000	Space	
RDTE-A	Future Tactical Truck Carbon Composite Shelter and Retrofit of Current Vehicle Shelters	\$1,600,000		Begich
RDTE-A	Gas Engine Driven Air Conditioning	\$2,400,000	Pastor (AZ); Berkley; Franks (AZ)	Reid
RDTE-A	Geosciences/Atmospheric Research	\$3,000,000	Markey (CO); Salazar	Bennet; Udall (CO)
RDTE-A	Geospatial Airship Research Platform	\$3,200,000	Kaptur	
RDTE-A	Green Armament and RangeSafe Technology Initiatives	\$1,600,000	Frelinghuysen; Sires	Menendez
RDTE-A	Ground-forces Readiness Enabler for Advanced Tactical Vehicles (GREAT-V)	\$800,000		Hutchison
RDTE-A	Hadron Particle Therapy	\$1,600,000	Foster	Durbin
RDTE-A	HapMed Combat Medic Trainer	\$800,000		Nelson (FL)

RDT&A	Headborne Energy Analysis and Diagnostic System	\$1,600,000	Carney	
RDT&A	Health Disparities in Troop Readiness	\$8,000,000	Clyburn	
RDT&A	Health Sciences Regenerative Medicine Center—Autologous Tissues Research	\$3,200,000		Burr; Hagan
RDT&A	Heavy Fuel Engine Family for Unmanned Systems	\$3,200,000	Hoekstra	Levin; Stabenow
RDT&A	Heuristic Internet Protocol Packet Inspection Engine (HIPPIE)	\$1,040,000	Akin	Bond
RDT&A	High Energy Laser System Test Facility—HELSIF / HELTD	\$4,500,000		Bingaman; Udall (NM)
RDT&A	High Frequency Devices and Circuits for Nanotubes and Nanowires	\$1,440,000	Boozman	Lincoln; Pryor
RDT&A	High Performance Alloy Materials and Advanced Manufacturing of Steel Castings for New Light Weight and Robotic Weapon Systems	\$2,400,000	Emerson	
RDT&A	High Performance Computing in Biomedical Engineering and Health Sciences	\$1,200,000	Watt	
RDT&A	High Pressure Pasteurization and Pressure Assisted Thermal Sterilization Project	\$3,440,000	Ellsworth	Lugar
RDT&A	High Speed Digital Imaging	\$2,400,000		Gregg
RDT&A	High Strength Glass Production and Qualification for Armor Applications	\$1,600,000	Tonko	Schumer
RDT&A	High Temp Polymers for Missile System Applications	\$3,920,000		Cochran; Wicker
RDT&A	High-Frequency, High-Power Electronic and Optoelectronic Devices on Aluminum Nitride (AlN)	\$3,200,000	Price (NC)	Burr
RDT&A	Highlander Electro-Optical Sensors	\$1,600,000	Moran (VA)	
RDT&A	Highly Functional Neurally Controlled Skeletally Attached and Intelligent Prosthetic Devices	\$3,040,000		Bennett
RDT&A	Highly Integrated Lethality Systems Development	\$4,000,000	Frelinghuysen	
RDT&A	Highly Integrated Production for Expediting Reset	\$2,000,000	Brown (SC); Altmire; Rogers (AL); Wilson (SC)	Casey; Sessions; Stabenow
RDT&A	High-Volume Manufacturing Development for Thin-film Lithium Stack Battery Technologies	\$800,000	Honda; Carter	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDT-E-A	HiSentinel Stratospheric Airship	\$2,400,000	Herseth Sandlin	Johnson
RDT-E-A	Hi-Tech Eyes for the Battlefield	\$1,600,000		Hutchison
RDT-E-A	HIV Prevention and Reducing Risk to US Military Personnel	\$3,000,000	Pelosi	
RDT-E-A	Hostile Fire Indicator	\$1,600,000	Hodes	Gregg; Shaheen
RDT-E-A	Human Genomics, Molecular Epidemiology, and Clinical Diagnostics for Infectious Diseases	\$1,200,000	Pastor (AZ)	
RDT-E-A	Human Organ and Tissue Preservation Technology	\$1,600,000	Wilson (SC)	
RDT-E-A	Hybrid Electric Drive All Terrain Vehicle	\$1,600,000	Peters	Levin
RDT-E-A	Hybrid Electric Heavy Truck Vehicle	\$1,600,000	Bartlett	Cardin
RDT-E-A	Hybrid Energy Systems Design and Testing	\$2,000,000	Simpson	Crapo; Risch
RDT-E-A	Hybrid Engine Development Program	\$3,200,000		Levin
RDT-E-A	Hydraulic Hybrid Vehicles for the Tactical Wheeled Fleet	\$2,800,000	Peters	Levin; Lugar; Stabenow
RDT-E-A	Hyper Spectral Sensor for Improved Force Protection	\$1,600,000	Akin	
RDT-E-A	Identification of New Drug Targets in Multi-Drug Resistant Bacterial Infections	\$2,000,000	Slaughter, Lee (NY)	Gillibrand; Schumer
RDT-E-A	Identification of Pain Mechanisms and Therapeutic Targets	\$800,000		Durbin
RDT-E-A	Imaging and Cognitive Evaluation of Soldiers	\$640,000	Kilpatrick	Levin; Stabenow
RDT-E-A	Improved HELHOUND 40mm Low Velocity High Explosive Ammunition	\$600,000	Boyd	Nelson (FL)

RDT&E-A	Improved Manufacturing Processes Demonstration Program for Army Tactical Vehicles	\$1,600,000		Bond
RDT&E-A	Improved Thermal Batteries for Guided Munitions	\$2,400,000	Schwartz	Specter
RDT&E-A	Improved Thermal Resistant Nylon for Enhanced Durability and Thermal Protection in Combat Uniforms	\$3,200,000	Castle; Barrett	Carper; Graham; Kaufman
RDT&E-A	Improving Soldier Recovery from Catastrophic Bone Injuries	\$3,200,000	Murphy (CT)	Lieberman
RDT&E-A	Infection Prevention Program for Battlefield Wounds	\$1,600,000	McGovern	Kerry
RDT&E-A	Infectious and Airborne Pathogen Reduction	\$2,240,000	Whitfield; Arcuri; Childers; Higgins	Schumer
RDT&E-A	In-Field Body Temperature Conditioner	\$2,400,000		Reid
RDT&E-A	Injection Molded Ceramic Body Armor	\$800,000	Olver	
RDT&E-A	Ink-based Desktop Electronic Material Technology	\$1,600,000	Frelinghuysen	
RDT&E-A	Institute for Simulation and Interprofessional Studies	\$4,640,000	Dicks; McDermott; McMorris; Rodgers; Smith (WA)	Cantwell; Murray
RDT&E-A	Integrated Alternative Power Systems	\$2,080,000		Kohl
RDT&E-A	Integrated Defense Technical Information	\$1,600,000	Rogers (KY)	
RDT&E-A	Integrated Family of Test Equipment V6 Product Improvement Program	\$2,400,000	Kingston	Chambliss
RDT&E-A	Integrated Flexible Electronics	\$1,600,000		Specter
RDT&E-A	Integrated Information Technology Policy Analysis Research and Technology Commercialization and Management Network	\$3,200,000	Lewis (CA)	
RDT&E-A	Integrated Lightweight Tracker System	\$2,000,000	Obey	
RDT&E-A	Integrated Patient Electronic Record System	\$1,600,000	Lee (CA)	
RDT&E-A	Intelligence, Surveillance and Reconnaissance (ISR) Simulation Integration Laboratory	\$1,600,000	Smith (ND)	
RDT&E-A	Intelligent Energy Control Systems	\$2,400,000	Granger	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Intelligent Network-Centric Sensor Development Program	\$1,200,000	Cohen	
RDTE-A	Intelligent Orthopedic Fracture Implant Program	\$800,000	Kildee	Levin; Stabenow
RDTE-A	Intensive Quenching for Advanced Weapon Systems	\$1,200,000	Sutton; Ryan (OH); Tonko	Schumer; Stabenow
RDTE-A	Inter Turbine Burner for Turbo Shaft Engines	\$2,400,000	Lewis (CA)	
RDTE-A	Internal Base Facility Energy Independence	\$2,560,000	Kaptur	
RDTE-A	In-Theater Evaluation of Ballistic Protection	\$800,000	Michaud; Pingree (ME)	Collins; Snowe
RDTE-A	IR-Vascular Facial Fingerprinting	\$2,400,000	Moran (VA)	
RDTE-A	IUID Data Platform	\$2,000,000	Kennedy	Reed
RDTE-A	Jackson Health System Military Trauma Training Enhancement Initiative	\$2,000,000	Meek (FL); Wasserman Schultz	Nelson (FL)
RDTE-A	JAMMA Family of Vehicles	\$800,000		Bennett
RDTE-A	Javelin Warhead Improvement Program	\$4,000,000	Bright; Brown; Corrine (FL)	Nelson (FL); Sessions; Shelby
RDTE-A	Joint Fires and Effects Trainer System Enhancements	\$2,000,000	Cole; Fallin	Inhofe
RDTE-A	Joint Medical Simulation Technology Center	\$1,280,000	Kosmas	
RDTE-A	Joint Munitions and Lethality Mission Integration	\$1,600,000	Frelinghuysen	
RDTE-A	Joint Precision AirDrop Systems-Wind Profiling Portable Radar	\$1,840,000	Murtha	
RDTE-A	Kinetic Energy Enhanced Lethality and Protection Materials	\$2,000,000		Alexander; Corker

R01E-A	Laboratory for Engineered Human Protection	\$1,600,000	Fattah	
R01E-A	Large Format Li-Ion Battery	\$4,960,000	Moore (WI)	Kohl
R01E-A	Large Structure Titanium Machining Initiative	\$800,000		Klobuchar; Stabenow
R01E-A	Large-Scale Manufacturing of Revolutionary Nanostructured Materials	\$1,200,000	Moore (WI)	
R01E-A	Laser-Guided Energy (LGE) Demonstrator	\$2,240,000		Cochran
R01E-A	Lattice Block Structures for AM2 Mating Replacement	\$1,600,000	Hodes	Gregg; Shaheen
R01E-A	Legacy Aerospace Gear Drive Re-Engineering Initiative	\$2,000,000	Larson (CT)	Dodd
R01E-A	Lens-Less Dual-Mode Micro Seeker for Medium-Caliber Guided Projectiles	\$2,000,000	Dreier	
R01E-A	Leonard Wood Institute	\$12,000,000	Skelton	
R01E-A	Lifestyle Modifications to Reduce Chronic Disease in Military Personnel	\$1,500,000	Pelosi	
R01E-A	Light Weight Nanophosphate Battery with Improved Energy Density	\$2,000,000	Markey (MA)	Kerry; Kirk
R01E-A	Lightweight 10-meter Antenna Mast	\$2,000,000	Obey	
R01E-A	Lightweight Caliber .50 Machine Gun	\$3,200,000	Michaud; Pingree (ME)	Collins; Leahy; Snowe
R01E-A	Lightweight Magnesium Parts for Military Applications	\$1,600,000	Holden	Casey
R01E-A	Lightweight Medical Devices	\$1,600,000		Brownback
R01E-A	Lightweight Metal Alloy Foam for Armor	\$3,200,000	Kaptur	
R01E-A	Lightweight Munitions and Surveillance System for Unmanned Air and Ground Vehicles	\$3,840,000	Garrett	Lautenberg; Menendez
R01E-A	Lightweight Packaging System for Enhancing Combat Munitions Logistics	\$1,600,000	Frelinghuysen; Rothman	Lautenberg; Menendez
R01E-A	Lightweight Polymer Designs for Soldier Combat Optics	\$800,000	Olver	Kerry
R01E-A	Lightweight Protective Roofing	\$1,200,000	Moran (VA)	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Lightweight Reliable Materials for Military Systems	\$2,800,000		Conrad; Dorgan
RDTE-A	Lightweight, Battery Driven, and Battlefield Deployment Ready NG Feeding Tube Cleaner	\$500,000	Thompson (PA)	
RDTE-A	Linear Accelerator Cancer Research Project	\$800,000	Rangel; Lowey; Maloney	Schumer
RDTE-A	Locating and Tracking Explosive Threats with Wireless Sensors and Networks	\$4,800,000	Emerson	
RDTE-A	Logistical Fuel Processors Development	\$1,200,000	Bachus; Rogers (AL)	
RDTE-A	Long Range Hypersonic Interceptor	\$1,600,000		Brownback; Roberts
RDTE-A	Long-term Pain and Infection Management for Combat Casualty Care	\$2,320,000		Cochran; Wicker
RDTE-A	Low Cost Interceptor	\$1,680,000		Shelby
RDTE-A	LW25 Gun System and Demonstration	\$2,400,000	Kingston	
RDTE-A	MT09A6 Paladin	\$1,600,000	Rogers (AL)	
RDTE-A	Maine Center for Toxicology and Environmental Health, Toxic Particles Research and Equipment	\$1,600,000	Pingree (ME)	
RDTE-A	Maine Institute for Human Genetics and Health	\$1,600,000	Michaud	Collins; Snowe
RDTE-A	Malaria Vaccine Development	\$4,000,000	McDermott; Smith (WA)	Cantwell; Murray
RDTE-A	Manufacturing and Industrial Technology Center	\$400,000	Boyd	Nelson (FL)
RDTE-A	Manufacturing Lab for Next Generation Engineers	\$1,600,000	Schock	
RDTE-A	Mariah Hypersonic Wind Tunnel Development Program	\$7,600,000	Rehberg	Baucus; Tester

RDTE-A	Market Viable, Dual-Use, Advanced Energy Storage Solutions Development	\$4,000,000	Hinchey	Schumer
RDTE-A	Marty Driesler Lung Cancer Project	\$1,600,000	Rogers (KY)	
RDTE-A	Maryland Proof of Concept Alliance for Defense Technologies	\$1,600,000		Mikulski
RDTE-A	Mass Casualty First Responders Disaster Surge Technology Program	\$2,400,000	Pallone; Rothman	Lautenberg; Menendez
RDTE-A	Materials for Infrared Night Vision Equipment	\$7,200,000		Durbin
RDTE-A	Materials Processing and Applications Development Center of Excellence for Industry	\$1,200,000	Bachus	
RDTE-A	Materials Technology for LED Lighting Applications	\$2,400,000	Rehberg	Tester
RDTE-A	Medical Biosurveillance and Efficiency Program	\$1,600,000	Altmire	
RDTE-A	Medical Errors Reduction Initiative	\$2,000,000	Rohman	
RDTE-A	Medium Caliber Metal Parts Upgrade	\$3,000,000	Kanjorski	Casey; Specter
RDTE-A	MEMS Antenna for Wireless Communications Supporting UAVs in the Battlefield	\$2,400,000	Pomeroy	Conrad; Dorgan
RDTE-A	Micro Inertial Navigation Unit Technology	\$1,200,000	Doyle	Specter
RDTE-A	Microencapsulation and Vaccine Delivery Research	\$800,000	Edwards (TX)	
RDTE-A	Micromachined Switches in Support of Transformational Communications Architecture	\$2,400,000	Miller, George (CA)	
RDTE-A	Microterrain Persistent Surveillance	\$1,600,000		Bond
RDTE-A	Mid-Infrared Super Continuum Laser	\$800,000	Kilpatrick; Dingell	Levin; Stabenow
RDTE-A	Midwest Traumatic Injury Rehabilitation Center	\$1,168,000	Ehlers	Levin
RDTE-A	Military Applications for Medical Grade Chitosan	\$3,000,000		Inouye

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R01E-A	Military Burn Trauma Research Program	\$4,500,000	Matsui; Lungren	Begich; Boxer; Brown; Burris; Cantwell; Gillibrand; Hatch; Kerry; Lieberman; Menendez; Reed; Sanders; Schumer; Whitehouse
R01E-A	Military Drug Management System	\$2,400,000	Molohan	
R01E-A	Military Family Coping Patterns	\$400,000	Edwards (TX)	Cornyn
R01E-A	Military Family Empowerment Initiative	\$800,000		Mikulski
R01E-A	Military Fuel Cell Genset Technology Demonstration	\$2,000,000	Bocchieri	
R01E-A	Military Installation Electric Vehicle Demonstration Project	\$1,600,000		Bond
R01E-A	Military Low Vision Research	\$2,400,000	Lynch; Capuano	Kerry
R01E-A	Military Medical Decontamination System	\$4,500,000		Brown; Voinovich
R01E-A	Military Mental Health Initiative	\$600,000	Kilpatrick; Dingell	Levin; Stabenow
R01E-A	Military Nutrition Research: Four Tasks to Address Personnel Readiness	\$800,000	Alexander	Landrieu; Vitter
R01E-A	Military Pediatric Training and Support	\$4,000,000	Norton	
R01E-A	Minimizing Shock in Battlefield Injuries	\$1,900,000		McCormell
R01E-A	Missile Attack Early Warning System	\$2,080,000		Shelby
R01E-A	Mission Hospital Computerized Physician Order Entry	\$800,000	Shuler	

RDTE-A	Missouri Multi-Threat Detection Initiative (M2TDI)		\$2,000,000		Bond
RDTE-A	MURS Disposal System		\$2,500,000		Ensign; Reid
RDTE-A	Mobile Aerosol Monitoring System for the Department of Defense		\$1,200,000		Reid
RDTE-A	Mobile Integrated Diagnostic and Data Analysis	Adler	\$1,600,000		
RDTE-A	Mobile Localization (M-LOC)		\$1,200,000		Inouye
RDTE-A	Mobile Mesh Network Node	Obey	\$1,760,000		
RDTE-A	Mobile Power 30 Kilowatt System Power Control Unit Development Project	Harman	\$800,000		
RDTE-A	Model for Green Laboratories and Clean Rooms	Bishop (GA)	\$1,200,000		
RDTE-A	Modeling and Testing of Next Generation Body Armor	Rush	\$2,000,000		Durbin
RDTE-A	Moldable Fabric Armor	Inglis	\$2,240,000		Graham
RDTE-A	Molecular Electronics for Flash Memory Production	Lipinski	\$2,400,000		Durbin
RDTE-A	Montefiore Critical Looking Glass	Engel	\$1,200,000		Schumer
RDTE-A	Mortar Anti-Personnel/Anti-MaterielTechnology	Rohman	\$3,200,000		Klobuchar; Lautenberg; Menendez
RDTE-A	MOTS All Sky Imager	Reyes; Rodriguez	\$960,000		
RDTE-A	MQ-8B Fire Scout Army	Cochran; Schumer; Wicker	\$6,800,000		
RDTE-A	Multi-Campus Base Facility Energy Independence	Kaptur	\$3,200,000		
RDTE-A	Multi-Dose Closed Loop pH Monitoring System for Platelets	McDermott; Smith (WA)	\$1,600,000		Murray
RDTE-A	Multifunctional Nanomaterials for Homeland Defense, Counter-Terrorism and Dual-Use Applications		\$2,000,000		Lautenberg; Menendez
RDTE-A	Multi-layer Co-extrusion for High Performance Packaging	Obey	\$1,600,000		
RDTE-A	Multiple Source Data Fusion for Dugway Proving Ground	Bishop (UT)	\$2,000,000		Bennett; Hatch

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R01E-A	Multiplexed Human Fungal Infection Diagnostic	\$1,600,000	Frank (MA)	Kerry
R01E-A	Multi-Utility Materials for Future Combat Systems	\$7,200,000	Herseeth Sandlin; Brown, Corrine (FL); Latham; Meek	Grassley; Harkin; Johnson
R01E-A	Musculoskeletal Interdisciplinary Research Initiative	\$1,600,000	Billirakis	
R01E-A	Myositis Association—exposure to environmental toxins	\$1,000,000	Israel	Schumer
R01E-A	Nano Advanced Cluster Energetics	\$1,600,000	Freilinghysen	
R01E-A	Nanocomposite Enhanced Radar and Aerospace Materials (NERAM)	\$800,000		Hutchison
R01E-A	Nanocrystal Source Display	\$760,000	Markey (MA)	Kerry
R01E-A	Nanoelectronic Memory, Sensor and Energy Devices	\$6,300,000		Nelson (NE)
R01E-A	Nano-enabled Ultra High Storage Density Non-volatile Memory for Commander's Digital Assistant	\$2,400,000		Feinstein
R01E-A	Nanofiber Based Synthetic Bone Repair Device for Limb Salvage	\$1,000,000	Wamp	
R01E-A	Nanofluid Coolants	\$500,000	Davis (KY)	Bunning
R01E-A	Nano-Imaging Agents for Early Disease Detection	\$800,000	Green, Al (TX); Culberson	
R01E-A	Nanomanufacturing of Multifunctional Sensors	\$4,000,000	Tsongas	Kerry; Kirk
R01E-A	Nanophotonic Biosensor Detection of Bioagents and Pathogens	\$1,520,000	Kingston; Bishop (GA)	Chambliss; Isakson
R01E-A	Nanophotonic Devices	\$1,600,000		Hutchison
R01E-A	Nanotechnology Enterprise Consortium (NTEC)	\$5,000,000		Bond

RDTE-A	Nanotechnology for Potable Water and Waste Treatment	\$1,600,000	Sutton; Murphy, Tim (PA)	Landrieu
RDTE-A	Nanotechnology Fuze	\$1,600,000	Obey	
RDTE-A	Nanotechnology-Enabled Self-Healing Anti-Corrosion Coating Products	\$1,400,000	Holt	Lautenberg; Menendez
RDTE-A	Nanotubes Optimized for Lightweight Exceptional Strength (NOLES)	\$3,200,000	Crenshaw	Nelson (FL)
RDTE-A	National Biodefense Training Center	\$5,000,000	Olson	Hutchison
RDTE-A	National Center for Defense Manufacturing and Machining	\$1,600,000	Murphy, Tim (PA)	Casey; Specter
RDTE-A	National Eye Evaluation and Research Network	\$2,400,000	Lewis (CA); Sarbanes	Harkin
RDTE-A	National Functional Genomics Center	\$6,000,000	Billirakis; Castor (FL); Young (FL)	Nelson (FL)
RDTE-A	National Oncogenomics and Molecular Imaging Center	\$4,760,000	Kilpatrick	Levin; Stabenow
RDTE-A	Natural Gas Firetube Boiler Demonstration	\$800,000	Hare	Durbin; Harkin
RDTE-A	NAU-Tgen North Dangerous Pathogens DNA Forensics Center Upgrades	\$1,600,000	Kirkpatrick	
RDTE-A	Navy Gun Ammunition Demilitarization and Recycling	\$1,600,000		Reid
RDTE-A	Near Infrared Spectroscopy Military Personnel Assessment	\$800,000	Castor (FL)	Nelson (FL)
RDTE-A	Networked Reliability and Safety Early Evaluation System	\$1,600,000	Dent	Specter
RDTE-A	Neural Control of External Devices	\$2,000,000	Kennedy	Bennett; Hatch; Kerry; Kirk
RDTE-A	Neuroimaging and Neuropsychiatric Trauma in US Warrifighters	\$6,250,000	Pelosi	Boxer; Feinstein
RDTE-A	Neuro-Performance Research	\$1,600,000	Moran (VA)	
RDTE-A	Neuroscience Research Consortium to Study Spinal Cord Injury	\$1,200,000	Diaz-Balart; Lincoln (FL); Ros-Lehtinen; Wasserman; Schultz	Nelson (FL)
RDTE-A	New Vaccines to Fight Respiratory Disease and Central Nervous Disorders	\$4,800,000	Latham	Grassley; Harkin

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	New York Medical College Bioterrorism Research	\$132,000	Lowey	Schumer
RDTE-A	Next Generation Communications System	\$800,000	Altmire	Casey; Specter
RDTE-A	Next Generation Green, Economical and Automated Production of Composite Structures for Aerospace	\$1,000,000	Grijalva	
RDTE-A	Next Generation High Strength Glass Fibers for Ballistic Armor Applications	\$1,600,000	Wilson (SC)	Graham
RDTE-A	Next Generation Lightweight Drive System for Army Weapons Systems	\$1,600,000	Herseth; Sandlin	Johnson; Thune
RDTE-A	Next Generation Machining Technology and Equipment	\$1,600,000	Murphy (NY)	Schumer
RDTE-A	Next Generation Precision Airdrop System	\$2,000,000	Larson (CT)	
RDTE-A	Next Generation Wearable Video Capture System	\$800,000	Stupak	Levin
RDTE-A	Nicholson Center for Surgical Advancement Medical Robotics and Simulation	\$4,200,000	Grayson	Nelson (FL)
RDTE-A	Night Vision and Electronic Sensors Directorate	\$2,000,000	Olver	
RDTE-A	NLOS-LS Anti-Tamper Initiative	\$3,040,000		Lugar
RDTE-A	Non-Leaching Antimicrobial Surface for Orthopedic Devices	\$1,200,000	Capuano	Kerry
RDTE-A	Northern Illinois Proton Treatment and Research Center	\$2,800,000	Foster	
RDTE-A	Novel Endothermic Armor Material for Insensitive Munitions Protection of Tactical Missiles and Tubes	\$2,500,000		Ensign; Reid
RDTE-A	Novel Zinc Air Power Sources for Military Applications	\$2,000,000	Rogers (AL)	
RDTE-A	Nurse Education Center of Excellence for Remote and Medically Underserved Populations	\$1,600,000	Shuster	

R01E-A	Nursing Teaching and Leadership Program		\$800,000	McDermott		
R01E-A	OMNI Active Vibration Control System		\$2,400,000	Dahlkemper		Casey; Spector
R01E-A	ONAMI Miniaturized Tactical Energy Systems Development		\$2,500,000	Schrader; Blumenaier; Defazio; Walden; Wu		Merkley; Wyden
R01E-A	On-Board Hybrid Power Unit (OBHPU)		\$1,040,000	Harper		Cochran; Wicker
R01E-A	On-Board Vehicle Power Systems Development		\$2,480,000	Aderholt		Sessions; Shelby
R01E-A	One-Step JP-8 Bio-Diesel Fuel		\$1,600,000	Obey		
R01E-A	Online Health Services Optimization		\$3,120,000			Cochran
R01E-A	Open Source Intelligence for Force Protection and Intelligence Analysis		\$800,000	DeLauro		Hutchison
R01E-A	Operating Room of the Future		\$2,000,000	Berman		Boxer
R01E-A	Operation Re-Entry NC		\$2,400,000	Butterfield		Hagan
R01E-A	Optical Neural Techniques for Combat and Post-Trauma Healthcare		\$3,500,000	Inslee; McDermott; Smith (WA)		Cantwell; Murray
R01E-A	Optimization of the US Army Topographic Data Management Enterprise		\$2,080,000	Murtha; Moran (VA)		
R01E-A	Optimizing Natural Language Processing of Open Source Intelligence		\$1,200,000	Bishop (UT)		Bennett; Hatch
R01E-A	Organic Semiconductor Modeling and Simulation		\$880,000	Gohmert		
R01E-A	Orion High Altitude Long Endurance UAV Risk Reduction Effort		\$7,760,000			Cochran; Wicker
R01E-A	Pacific Command Renewable Energy Security Systems		\$2,400,000	Abercrombie		
R01E-A	Parsons Institute for Information Mapping		\$1,200,000	Nadler		Schumer
R01E-A	Parts-on-Demand from CONUS Operations		\$4,500,000	Pomeroy		Conrad; Dorgan
R01E-A	Pediatric Cancer Research and Clinical Trials		\$1,600,000	Ryan (OH); Culberson; Rothman; Van Hollen		Crapo; Risch

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDT&A	Perimeter Security Systems	\$4,500,000		Lautenberg; Menendez
RDT&A	Permafrost Tunnel	\$500,000		Begich
RDT&A	Perpetually Available and Secure Information Systems	\$3,200,000	Doyle	
RDT&A	Personal Miniature Thermal Viewer	\$800,000	Michaud	
RDT&A	Personal Status Monitor	\$800,000	Maffei; McHugh	Schumer
RDT&A	Phase II, Regional Partnership—Ft. Bliss, WSMR, Holloman	\$3,760,000	Teague	Bingaman; Udall (NM)
RDT&A	Plant-Based Vaccine Research	\$2,000,000	Guthrie	
RDT&A	Plasma Sterilizer	\$2,400,000	Ellison; McCollum	Klobuchar
RDT&A	Plug-in Architecture for DOD Medical Imaging	\$1,200,000	Moran (VA)	
RDT&A	Plug-in Hybrid Electric Vehicle	\$4,000,000		Lugar
RDT&A	Polymeric Web Run-Flat Tire Inserts for Convey Protection	\$3,500,000	Obey	
RDT&A	Portable Fuel Cell Power Source	\$2,400,000	Price (NC)	
RDT&A	Portable Low-Volume Therapy for Severe Blood Loss	\$1,600,000	Oberstar	
RDT&A	Portable Mobile Emergency Broadband Systems	\$3,200,000	Gerlach; Sestak	Casey; Specter
RDT&A	Portable Sensor for Toxic Gas Detection	\$2,080,000	Granger	
RDT&A	Positron Capture and Storage	\$2,400,000	McMorris Rodgers	Murray

RDT&E-A	Power Efficient Microdisplay Development for US Army Night Vision	\$2,400,000	Hall (NY)	Schumer
RDT&E-A	Prader Willi Syndrome Research	\$1,600,000	Royce	
RDT&E-A	Precision Guidance Kit Technology Development	\$6,000,000	Molohan; Bartlett	Inhofe
RDT&E-A	Precision Guided Airdropped Equipment	\$1,200,000	Velazquez; Towns	Schumer
RDT&E-A	Precision Strike Munitions Advancement with Integrated Millimeter Wave Power Sources to Satisfy Army Strategic Goals	\$3,280,000	Bishop (UT)	Bennett; Hatch
RDT&E-A	Predictive Casting Process Modeling for Rapid Production of Critical Defense Components	\$1,600,000	Hall (TX)	
RDT&E-A	Pre-Discharge Threat Cues	\$1,600,000		Levin; Stabenow
RDT&E-A	Pride Center for America's Wounded Veterans	\$1,600,000	Berry	
RDT&E-A	Printed and Conformal Electronics for Military Applications	\$1,600,000	Mitchell; Lance; Lofgren; Ryan (OH); Schakowsky; Tonko	Feinstein; Johnson; Schumer
RDT&E-A	Project National Shield Integration Center	\$1,200,000	Capito	
RDT&E-A	Projectile Unmanned Aerial Systems	\$2,400,000	Larson (CT); Courtney	Dodd; Lieberman
RDT&E-A	Protective 3-D Armor Structure to Safeguard Military Vehicles and Troops	\$1,600,000	Levin	Levin; Stabenow
RDT&E-A	Protective Gear Development through Man-in-Simulant-Test Chamber	\$800,000	Etheridge; Miller (NC)	
RDT&E-A	Protein Hydrogel for Surgical Repair of Battlefield Injuries	\$800,000	Gingrey (GA)	Chambliss; Isakson
RDT&E-A	Qualification and Insertion of New High Temperature Domestic Sourced PES for Military Aircraft	\$2,400,000	Johnson; Eddie Bernice (TX)	
RDT&E-A	RAND Arroyo Center	\$1,600,000	Moran (VA)	Feinstein
RDT&E-A	Rapid Burn Wound Therapies	\$2,000,000		Bennett; Hatch
RDT&E-A	Rapid Insertion of Developmental Technologies into Fielded Systems	\$1,600,000	Frelinghuysen; Sires	
RDT&E-A	Rapid Response Force Projection Systems	\$1,600,000	Rothman	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Rapid Response Hostile Fire Detection and Active Protection of Ground and Air Vehicles Sensor Demonstration	\$2,560,000		Shelby
RDTE-A	Rapid Wound Healing Cell Technology	\$2,000,000	Doyle	Casey
RDTE-A	Rare Earth Mining Separation and Metal Production	\$2,400,000	Lewis (CA)	
RDTE-A	RDTE for the Family of Heavy Tactical Vehicles (FHTV)	\$1,600,000	Kagen	Kohl
RDTE-A	Reactive Materials	\$1,200,000	Barton	
RDTE-A	Reduced Manning Situational Awareness	\$4,000,000	Young (FL)	
RDTE-A	Reducing First Responder Casualties with Physiological Monitoring	\$1,200,000	Hodes	
RDTE-A	Regenerative Medicine for Acute Deafness	\$2,400,000	Inslee; McDermott; Smith (WA)	Murray
RDTE-A	Regenerative Medicine for Battlefield Injuries	\$1,000,000	Carson	Lugar
RDTE-A	Regenerative Medicine Research	\$1,600,000	Michaud	
RDTE-A	Reliability and Affordability Enhancement for Precision Guided Munition Systems	\$4,800,000	Frelinghuysen	
RDTE-A	Remote Bio-Medical Detector	\$2,800,000	Murtha	
RDTE-A	Remote Environmental Monitoring and Diagnostics in the Perishables Supply Chain	\$2,200,000	Stearns	Nelson (FL)
RDTE-A	Remote Explosive Analysis and Detection System	\$800,000	Griffith	
RDTE-A	Renewable Energy Testing Center	\$800,000	Matsui; Lungren	
RDTE-A	Renewable Jet Fuel from Lignocellulosic Feedstocks	\$2,400,000	Herseth; Sandlin	Johnson; Thune

RDT&A	Research to Develop Strategies to Improve Prognosis of Soldiers Suffering Abdominal Trauma	\$1,600,000	Yarmuth	
RDT&A	Research to Treat Cancerous Brain Tumors using Neural Stem Cells	\$1,600,000	Lewis (CA)	
RDT&A	Ripsaw Unmanned Ground Vehicle (UGV) Weaponization	\$2,000,000	Pingree (ME)	Collins; Snowe
RDT&A	Robust Composite Structural Core for Army Helicopters	\$1,600,000	Shea-Porter	Gregg; Shaheen
RDT&A	Rocket Motor Contained System	\$800,000	Heller	Reid
RDT&A	Rugged Electronic Textile Vital Signs Monitoring	\$2,400,000	Kennedy	Reed; Whitehouse
RDT&A	Ruggedized Military Laptop Fuel Cell Power Supply—Project Phase 3	\$3,200,000	Brown, Corrine (FL); Crenshaw	Nelson (FL)
RDT&A	Rural Health Center of Excellence for Remote and Medically Underserved Populations	\$1,600,000	Shuster	Casey
RDT&A	Scaleable Efficient Power for Armament Systems and Vehicles Dual Use	\$4,000,000	Rothman	Lautenberg
RDT&A	Scenario Generation for Integrated Air and Missile Defense Evaluation	\$3,360,000	Aderholt; Reyes; Rogers (AL)	Sessions; Shelby
RDT&A	School of Nursing Advancement	\$2,000,000	Pelosi	
RDT&A	Science, Technology, Engineering, Mathematics (STEM) at Coppin University	\$800,000	Cummings	
RDT&A	Secure Open Source Initiative	\$2,400,000	Price (NC); Miller (NC)	
RDT&A	Self Powered Prosthetic Limb Technology	\$1,600,000	Thompson (PA)	Casey; Specter
RDT&A	Self Powered, Lightweight, Flexible Display Unit on a Plastic Substrate	\$3,040,000	Holt	Grassley; Harkin
RDT&A	Self-Powered Sensor System for Munition Guidance and Health Monitoring	\$1,500,000	Holt	Lautenberg; Menendez
RDT&A	Sensor Tape Physiological Monitoring	\$2,000,000	Bishop (GA)	
RDT&A	Shadow TUAS Flight in the National Air Space	\$2,000,000	Kratovil	Cardin; Mikulski
RDT&A	Shared Vision	\$2,400,000	Latham	Grassley; Harkin
RDT&A	SHARK Precision Guided Artillery Round—105mm	\$4,000,000	Young (FL)	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Shortwave Infrared Hostile Fire Indicator for Aircraft	\$1,500,000	Holt	Lautenberg; Menendez
RDTE-A	Silent Watch, IB NPS 1160 Lithium-Ion Advanced Battery	\$800,000	Dent	
RDTE-A	Silicon Nanomaterial for Battlefield Medical Devices	\$2,800,000		Conrad; Dorgan
RDTE-A	Silver Fox and Manta Unmanned Aerial Systems	\$1,600,000	Franks (AZ)	
RDTE-A	Simulation Based Reliability and Safety (SimBRS) Program	\$4,900,000	Harper	Cochran; Wicker
RDTE-A	Smart Integrated Systems: Materials, Manufacturing Methods, and Structures	\$1,000,000	Herseih Sandlin	Johnson; Thune
RDTE-A	Smart Machine Platform Initiative	\$2,400,000	Driehaus; Tonko	Brown; Schumer; Voinovich
RDTE-A	Smart Oil Sensor	\$2,400,000	Thompson (PA)	Casey; Specter
RDTE-A	Smart Plug-In Hybrid Vehicle Program	\$3,280,000	Kijpatrick; Conyers; Dingell; Rogers (MI)	Levin; Stabenow
RDTE-A	Smart Sensor Supercomputing Center	\$8,000,000		Byrd
RDTE-A	Smart Wound Dressing for MRSA Infected Battlefield Wounds	\$800,000	Driehaus; Cummings; Ruppersberger; Scott (VA)	Cardin; Kerry; Voinovich; Warner; Webb
RDTE-A	Soldier Personal Cooling System	\$960,000	Kosmas	Nelson (FL)
RDTE-A	Soldier Protection through Unarmed Ground Vehicles	\$1,200,000	Nye	
RDTE-A	Soldier Situational Awareness Wristband	\$1,120,000	Capuano	
RDTE-A	Solid Oxide Fuel Cell Powered Tactical Charger	\$960,000	Marfei	Schumer

RDT-E-A	Solid State Processing of Titanium Alloys for Advanced Materiel Armaments	\$1,200,000	Kaptur; LaTourette	
RDT-E-A	Specialized Compact Automated Mechanical Clearance Platform	\$3,200,000	Murphy; Patrick (PA)	
RDT-E-A	Spectroscopic Materials Identification Center	\$1,600,000	Berry	Lincoln; Pryor
RDT-E-A	Spinal Cord Restoration Therapies	\$1,600,000	Hoyer; Cummings; Ruppertsberger	Cardin
RDT-E-A	Spinal Muscular Atrophy Research Program	\$3,000,000	Pelosi; Nadler; Rangel	Schumer
RDT-E-A	Spinel Transparent Armor Production Technology	\$800,000	Ruppertsberger	Cardin; Mikulski
RDT-E-A	Squad Mission Support System (SMSS)	\$1,600,000		Cornyn
RDT-E-A	Stabilized Enzyme Biofuel Cell (SEBC) for Unmanned Ground Sensors	\$1,200,000		Bond
RDT-E-A	Stabilized Hemoglobin Wound Healing Development	\$1,200,000	Herseth Sandlin	Johnson; Thune
RDT-E-A	Standard Ground Station—Enhancement Program	\$2,000,000	Lance; Rothman	
RDT-E-A	Standoff Hazardous Agent Detection and Evaluation System	\$8,500,000	Berry	Lincoln; Pryor
RDT-E-A	Standoff Improvised Explosive Detection Program	\$4,800,000	Boyd; Berry; Brown; Corrine (FL); Hirono; Meek	Akaka; Lincoln; Nelson (FL); Pryor
RDT-E-A	Standoff Sensors, Detection of Explosives and Explosive Devices (IEDs)	\$3,200,000	Kennedy; Langevin; Tsongas	Kerry; Kirk; Whitehouse
RDT-E-A	Staph Vaccine	\$6,400,000		Conrad; Dorgan
RDT-E-A	Stress Disorders Research Initiative at Fort Hood	\$2,400,000	Edwards (TX)	
RDT-E-A	Superior Weapons Systems through Castings	\$1,600,000		Brownback; Roberts
RDT-E-A	Superlattice Semiconductors for Mobile SS Lighting and Solar Power Applications	\$2,800,000	Hinchey	Schumer
RDT-E-A	SupportNet for Frontline Providers	\$2,400,000	Lamborn; Perlmutter; Salazar	Udall (CO)
RDT-E-A	Surveillance Augmentation Vehicle	\$1,200,000	Childers	Cochran; Wicker

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Sustainable Alternative Energy	\$2,000,000	Obey	
RDTE-A	Swarms Defense System	\$2,400,000	Aderholt	Shelby
RDTE-A	Synchrotron-Based Scanning Research Neuroscience and Proton Institute	\$6,000,000	Lewis (CA)	
RDTE-A	Tactical Cogeneration System	\$2,400,000	Hastings (WA)	Murray
RDTE-A	Tactical Metal Fabrication System (TacFab)	\$800,000	Turner; Adler; Andrews; Cole; Lance; Markey (WA); Ryan (OH); Tsongas	Inhofe; Kerry; Lautenberg; Menendez
RDTE-A	Tactical Overwatch High Altitude System	\$800,000	Griffith	
RDTE-A	Tactical UAV, Heavy Fuel Engine	\$1,600,000	Aderholt; Wilson (SC)	Graham; Shelby
RDTE-A	Tamper Proof Organic Packaging as Applied to Remote Armament Systems	\$4,800,000	Hinchey	Schumer
RDTE-A	Techniques to Manage Noncompressible Hemorrhage Following Combat Injury	\$2,000,000	Smith (TX); Carter; Gonzalez; Rodriguez	
RDTE-A	Technologies for Military Equipment Replenishment	\$1,600,000	Obey	Kohl
RDTE-A	Technology Development at the Quad Cities Manufacturing Laboratory	\$5,040,000	Hare	Grassley
RDTE-A	Technology for Rapid Foreign Language Acquisition for Specialized Military Intelligence Purposes	\$1,600,000		Gregg; Shaheen
RDTE-A	Technology Solutions for Brain Cancer Detection and Treatment	\$1,200,000	Cohen	
RDTE-A	Telepharmacy Robotic Medicine Device Unit	\$800,000	Brady (PA)	Casey; Specter
RDTE-A	Terahertz Sensing and Imaging Technology	\$1,600,000	Boozman	Lincoln; Pryor

R07E-A	Testing of Microneedle Device for Multiple Applications	Baldwin	\$960,000		
R07E-A	The Center for Neuroprosthetics and BioMEMS	McGovern	\$1,600,000	Kerry; Kirk	
R07E-A	Threat Detection and Neutralization	Mollohan	\$3,200,000		
R07E-A	Tire to Track Transformer System for Light Vehicles	Peterson	\$1,600,000	Klobuchar	
R07E-A	Titanium Extraction, Mining and Process Engineering Research	Rehberg	\$4,800,000	Baucus; Tester	
R07E-A	Titanium Powder Advanced Forged Parts Program	Murtha	\$3,040,000		
R07E-A	Transitioning Stretch Broken Carbon Fiber to Production Programs	Aderholt; Bishop (UT)	\$3,200,000	Bennett; Hatch	
R07E-A	Translational Research for Muscular Dystrophy	Michaud; Pingree (ME)	\$1,600,000		
R07E-A	Transportable Renal Replacement Therapy for Battlefield Applications	Altmire	\$800,000		
R07E-A	Trauma Care, Research and Training	Hutchison	\$2,400,000		
R07E-A	Trauma Response Simulation Training	Boswell	\$1,200,000	Harkin	
R07E-A	Treatment of Battlefield Spinal Cord and Burn Injuries	Wu; Baird; Blumenauer; Schrader	\$360,000	Merkley; Murray; Wyden	
R07E-A	Tungsten Heavy Alloy Penetrator and Warhead Development	Carney	\$1,200,000	Specter	
R07E-A	Turbo Fuel Cell Engine	Murtha	\$3,200,000		
R07E-A	UH-60 Aviation Software Performance Assessment Test Bed		\$5,690,000	Sessions; Shelby	
R07E-A	UH-60 Transmission/Gearbox Galvanic Corrosion Reduction	Kissell	\$1,500,000	Burr; Hagan	
R07E-A	Ultra Light Metallic Armor	Costello	\$800,000	Burris	
R07E-A	Ultra Light Weight Transmissions	Schauer	\$1,600,000	Levin; Stabenow	
R07E-A	Ultra Wideband Active RF Detection of IEDs		\$1,760,000	Tester	
R07E-A	Ultrasonic Impact Technology		\$2,000,000	Shelby	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE-A	Understanding Blast Induced Brain Injury	\$2,400,000	Fortenberry	Nelson (NE)
RDTE-A	Universal Control	\$7,200,000	Larson (CT)	Dodd; Lieberman
RDTE-A	University Center for Disaster Preparedness and Emergency Response	\$1,200,000	Pallone; Holt	
RDTE-A	University of Miami Ryder Trauma Center/William Lehman Injury Research Center	\$3,200,000	Diaz-Balart, Lincoln (FL)	
RDTE-A	Unmanned Aerial Systems Ground Based Sense and Avoid Capability Development for Integration into the National Air Space	\$2,880,000		Shelby
RDTE-A	Unmanned Aerial Vehicle Resupply (UAVR)—BURRO	\$3,200,000	Larson (CT)	Dodd; Lieberman
RDTE-A	Unmanned Ground Vehicle Initiative	\$11,000,000		Levin
RDTE-A	Unmanned Robotic System Utilizing a Hydrocarbon Fueled Solid Oxide Fuel Cell System	\$2,400,000	Dingell	Levin; Stabenow
RDTE-A	Unmanned System Algorithm Development	\$3,200,000	Mollohan	
RDTE-A	Unserviceable Ammunition Demilitarization via Chemical Dissolution at Tooele Army Depot	\$1,600,000	Bishop (UT)	Bennett; Hatch
RDTE-A	US Army Vascular Graft Research Project	\$1,600,000	Rehberg	Baucus; Tester
RDTE-A	Vanadium Safety Readiness	\$3,360,000	Dankemper; Paul; Space	
RDTE-A	Vanadium Technology Program	\$2,400,000	Wilson (SC)	
RDTE-A	Vectored Thrust Ducted Compound Helicopter	\$5,000,000		Carper; Casey; Cochran; Kaufman; Specter
RDTE-A	Vehicle Systems Engineering and Integration Activities	\$8,000,000		Levin

RDT&E-A	VePro—Health Usage Monitoring and Vehicle Prognostics	\$2,880,000	Childers; Harper	Cochran; Levin; Wicker
RDT&E-A	Vibration Management Enhancement Program	\$2,400,000		Feinstein
RDT&E-A	Video Compression Technology	\$1,400,000	Holt	
RDT&E-A	Vision Integrating Strategies in Ophthalmology and Neurochemistry	\$3,200,000	Granger	Cornyn
RDT&E-A	Visualization for Training and Simulation in Urban Terrains at Fort Knox	\$1,200,000		McConnell
RDT&E-A	Voice Recognition and Cross Platform Speech Interface System	\$2,000,000	Shuster	
RDT&E-A	VSIL: Armored Vehicle Components and Systems Simulated in Cost-Effective Virtual Design and Test Environment	\$3,200,000		Levin; Stabenow
RDT&E-A	VTOL Man-Rated UAV and UGV for Medical Multi-Missions and CASEVAC	\$800,000	Harman	
RDT&E-A	Waterside Wide Area Tactical Coverage and Homing	\$3,200,000	Aderholt	
RDT&E-A	Westchester County Medical Center Health Imaging Upgrades	\$1,200,000	Lowey	Schumer
RDT&E-A	Wireless HUMS for Condition Based Maintenance of Army Helicopters	\$1,600,000	Rohman	Lautenberg; Menendez
RDT&E-A	Wireless Medical Monitoring System	\$2,400,000	Boswell; Latham; Miller, Gary (CA)	Grassley; Harkin
RDT&E-A	Womens Cancer Genomics Center	\$2,400,000	McCarthy (NY); Lowey	Schumer
RDT&E-A	Wounded Servicemember Bioelectronics Research	\$1,200,000	Nye	Warner; Webb
RDT&E-A	Zinc-Flow Electrical Energy Storage	\$2,000,000	Johnson (IL)	
RDT&E-A	Zouline Armor	\$3,360,000		Bond
RDT&E-A	Zumwalt National Program for Countermeasures to Biological and Chemical Threats	\$1,200,000	Neugebauer	
RDT&E-AF	3D Bias Woven Perform Development	\$2,400,000	Schwartz; Gerlach; Sestak	Specter
RDT&E-AF	Accelerated Insertion of Advanced Materials and Certification for Military Aircraft Structure Material Substitution and Repair	\$2,000,000	Tiaht	Brownback; Roberts

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Accelerator-Driven Non-Destructive Testing	\$2,000,000	Simpson	Crapo; Risch
RDTE,AF	ACES 5 Ejection Seat	\$1,920,000	Lamborn; Pastor (AZ); Tauscher	Bennett; Burr; Cochran; Dodd; Hatch; Lieberman; Wicker
RDTE,AF	Advance Propulsion Non-Tactical Vehicle	\$1,600,000	Massa	Bingaman; Schumer; Udall (NM)
RDTE,AF	Advanced Aerospace Carbon Foam Heat Exchangers	\$3,200,000	Wilson (OH)	Voinovich
RDTE,AF	Advanced Deformable Mirrors for High Energy Laser Weapons	\$1,600,000	Heinrich	Bingaman; Udall (NM)
RDTE,AF	Advanced Electromagnetic Location of IEDs Defeat System	\$1,200,000	Kaptur	
RDTE,AF	Advanced Electronic Components for Sensor Arrays	\$2,400,000	Young (FL)	
RDTE,AF	Advanced Fast Steering Mirror Applications for 3-D LADAR in LITENING Pod	\$1,600,000		Conrad; Dorgan
RDTE,AF	Advanced Fiber Lasers Systems and Components	\$3,200,000		Murray
RDTE,AF	Advanced Integrated Microsystems for Military Electronic Systems	\$2,480,000		Cochran; Wicker
RDTE,AF	Advanced Lithium Battery Scale-up and Manufacturing	\$1,600,000	Scott (GA); Bishop (GA); Johnson (GA)	Chambliss
RDTE,AF	Advanced Modular Avionics for Operationally Responsive Satellite Use	\$2,480,000	Heinrich	Bingaman; Udall (NM)
RDTE,AF	Advanced Night Vision System—Cockpit Integration	\$800,000		Murray
RDTE,AF	Advanced Tactical Laser	\$2,240,000		Bingaman; Udall (NM)
RDTE,AF	Advanced Technical Intelligence Center (ATIC)	\$5,200,000	Turner	Brown; Voinovich

RDT&E,AF	Advanced Vehicle Propulsion Center	\$2,400,000	McKeon	
RDT&E,AF	Aerospace Lab Equipment Upgrade	\$1,200,000	Napolitano	
RDT&E,AF	Aerospace Laser Micro Engineering Station	\$800,000	Wittman; Nye; Scott (VA)	
RDT&E,AF	AFRL Edwards Rocket Test Stand 2-A Technical Improvements	\$3,200,000	McCarthy (CA)	Feinstein
RDT&E,AF	AFRL Seismic Research Program	\$5,000,000	Markey (MA)	Kerry; Kirk; Leahy
RDT&E,AF	Air Force Minority Leaders Program	\$4,800,000	Abercrombie	Alexander; Corker; Hutchison; Landrieu
RDT&E,AF	Aircraft Evaluation Readiness Initiative	\$2,400,000	Latham	Grassley; Harkin
RDT&E,AF	ALC Logistics Integration Environment	\$800,000	Shuster	
RDT&E,AF	Algal Biofuels for Aviation	\$2,400,000	Teague	Bingaman; Udall (NM)
RDT&E,AF	Algal-Derived Jet Fuel for Air Force Applications	\$2,700,000	LaTourrette	
RDT&E,AF	Applications of LIDAR to Vehicles with Analysis	\$6,000,000		Inouye
RDT&E,AF	Assessment of Alternative Energy for Aircraft Ground Equipment (AGE)	\$1,600,000	Wu	Merkley; Wyden
RDT&E,AF	AT-6B Demonstration for ANG	\$7,000,000	Tiahrt	Brownback; Roberts
RDT&E,AF	Automated Processing of Advanced Low Observables (RAPALO)	\$1,200,000		Brown
RDT&E,AF	B-1 AESA Radar Operational Utility Evaluation	\$2,000,000	Herseth; Sandlin	Johnson; Thune
RDT&E,AF	B-2 Advanced Tactical Data Link	\$9,600,000	McKeon	Feinstein
RDT&E,AF	B-52 Tactical Data Link Capability	\$6,000,000	Tiahrt	Brownback; Roberts
RDT&E,AF	Backpack Medical Oxygen System (BMOS)	\$800,000	Akin	Bond
RDT&E,AF	Ballistic Missile Technology	\$1,600,000	Young (FL)	Nelson (FL)
RDT&E,AF	Base Facility Energy Independence, Stewart Air National Guard Base	\$4,000,000	Hinchey	Schumer

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	BATMAV Program Miniature Digital Data Link	\$1,600,000	Young (FL)	
RDTE,AF	Big Antennas Small Structures Efficient Tactical UAV	\$1,600,000	Harman	
RDTE,AF	Bio-IP8 Fuel Development	\$4,000,000	Boyd	Nelson (FL)
RDTE,AF	Biometric Signature and Passive Physiological Monitoring	\$5,000,000	Berkley	Reid
RDTE,AF	Body Armor Improved Ballistic Protection, Research and Development	\$1,760,000	Murtha	
RDTE,AF	CAD/CAM Aircraft Structural Overhaul Work Center	\$2,500,000	Bishop (UT)	Bennett
RDTE,AF	Carbon Nano-Materials for Advanced Aerospace Applications	\$800,000	Culberson	
RDTE,AF	Carbon Nanotube Enhanced Power Sources for Space	\$1,600,000	Markey (MA)	Kerry
RDTE,AF	Center for Solar Electricity and Hydrogen	\$4,000,000	Kaptur	
RDTE,AF	Center for Space Entrepreneurship	\$1,600,000	Polis	
RDTE,AF	Center for UAS Research, Education and Training	\$6,400,000	Pomeroy	Conrad; Dorgan
RDTE,AF	Close Proximity Space Situational Awareness	\$800,000	Edwards (TX)	
RDTE,AF	Coal Transformation Laboratory	\$800,000		Lugar
RDTE,AF	Command and Control Service Level Management (C2SLM) Program	\$3,200,000	Blunt	
RDTE,AF	Conducting Polymer Stress and Polymer Damage Sensors for Composites	\$2,880,000		Cochran; Wicker
RDTE,AF	Consortium for Nanomaterials for Aerospace Commerce and Technology (CONTACT)	\$3,200,000	Culberson	Hutchison

RDTE,AF	Corrosion Detection and Visualization Program		\$800,000	Smith (WA)	Murray
RDTE,AF	COTS Technology for Space Command and Control		\$3,200,000	Geflach	Specter
RDTE,AF	Cyber Attack and Security Environment		\$4,000,000	McHugh; Arcuri	Gillibrand; Schumer
RDTE,AF	Cyber Innovation Center (CIC) Research and Development Seed Fund		\$800,000		Landrieu; Vitter
RDTE,AF	Cyber Security Research Program / Cyber Security Laboratory		\$1,200,000	Alexander	Landrieu
RDTE,AF	Cybersecurity of Security Control Networks		\$1,700,000	Terry	Nelson (ME)
RDTE,AF	Demonstration and Validation of Renewable Energy Technology		\$800,000	Bishop (GA)	
RDTE,AF	Development and Testing of Advanced Hybrid Rockets for Space Applications		\$2,800,000	Lofgren	
RDTE,AF	Development and Validation of Advanced Design Technologies for Hypersonic Research		\$1,600,000		Klobuchar
RDTE,AF	Development of Deployable Biosensors		\$1,600,000		Reid
RDTE,AF	Development of Mobile Wind Turbine Systems to Power Forward Bases		\$1,200,000		Brown
RDTE,AF	Distributed Mission Interoperability Toolkit (DMIT)		\$3,200,000	LoBiondo; Andrews; Sestak	
RDTE,AF	Domestic Manufacturing of 45nm Electronics		\$3,200,000	Simpson	Crapo; Risch
RDTE,AF	Eagle Vision III Upgrades		\$4,800,000		Boxer; Feinstein
RDTE,AF	Efficient Utilization of Transmission Hyperspace		\$2,000,000	Arcuri	Schumer
RDTE,AF	Eglin AFB Range Operations Control Center		\$2,000,000	Miller (FL)	
RDTE,AF	Electromagnetic Battlespace Management		\$1,600,000	Edwards (TX)	
RDTE,AF	EMU Grid Fabrication Technology		\$2,400,000	Bono Mack	
RDTE,AF	Energy and Sensor Informatics Research and Translation		\$800,000	Lee (NY)	Schumer
RDTE,AF	Energy Efficiency, Recovery and Generation (ENERGY)		\$1,000,000	Herseth Sandlin	Johnson; Thune

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Energy Superior Lithium Battery Technology for Defense Applications	\$1,600,000		Bond
RDTE,AF	Engine Health Management Plus Data Repository Center	\$2,400,000	Murtha	
RDTE,AF	F-15C AESA Classified Demo	\$8,000,000	Harper	Cochran; Wicker
RDTE,AF	Fine Water Mist Fire Suppression Technology to Replace Halon	\$2,000,000	Boyd	Nelson (FL)
RDTE,AF	Fire and Blast Resistant Materials for Force Protection	\$3,200,000		Kerry; Kirk; Kohl
RDTE,AF	FLASH Hyper-Dimensional Imaging for Near Space Surveillance and Ballistic Missile Defense	\$2,000,000		Akaka; Inouye
RDTE,AF	Florida National Guard Total Force Integration	\$2,400,000	Young (FL)	
RDTE,AF	Frank R. Seaver Science and Engineering Initiative	\$1,760,000	Waters	
RDTE,AF	Freedom Fuels / Coal Fuel Alliance	\$3,920,000	Davis (KY)	Bunning
RDTE,AF	Gallium Nitride (GaN) Microelectronics and Materials	\$1,600,000	Coble	Hagan
RDTE,AF	GAPS / AWS Horizontal Integration	\$4,000,000	Murtha	
RDTE,AF	Global UAS Networking and Interoperability System (GUNIS)	\$4,000,000		Murray
RDTE,AF	Hawaii Microalgae Biofuel Project	\$3,520,000	Hirono	Inouye
RDTE,AF	High Accuracy Network Determination System—Intelligent Optical Network for Space Situational Awareness	\$5,000,000	Abercrombie	Inouye
RDTE,AF	High Bandwidth, High Energy Storage, Exawatt Laser Glass Development	\$2,800,000	Kanjorski	
RDTE,AF	High Energy Li-Ion Technology for Aviation Batteries	\$1,200,000	Bishop (GA)	Chambliss; Isakson

R01E,AF	High Pressure Pure Air Generator System		\$1,600,000	Freilinghuysen	
R01E,AF	High Temperature Hydrogen Energy Production Facility		\$800,000		Hutchison
R01E,AF	Holloman High Speed Test Track		\$5,000,000	Teague	Bingaman; Udall (NM)
R01E,AF	Hybrid Bearings		\$800,000	Shuler; Coble; Wilson (OH)	Dodd; Gregg; Hagan; Lieberman; Shaheen
R01E,AF	Hybrid Materials Integration (HMI)		\$2,000,000	Kilroy	Brown; Voinovich
R01E,AF	Hybrid Nanoparticle-based Coolant Technology Development and Manufacturing		\$800,000	Dent	
R01E,AF	Imaging Tools for Human Performance Enhancement and Diagnostics		\$1,600,000		Voinovich
R01E,AF	Information Quality Tools for Persistent Surveillance Data Sets		\$1,440,000	Snyder	Lincoln; Pryor
R01E,AF	Institute for Science and Engineering Simulation /Aircraft Fatigue Modeling and Simulation		\$3,600,000	Burgess	Hutchison
R01E,AF	Integrated Engine Starter/Generator		\$1,600,000	Turner	Brown; Voinovich
R01E,AF	Integrated Passive Electronic Components		\$1,360,000	Simpson	Crapo; Risch
R01E,AF	Integrated Propulsion Analysis and Spacecraft Engineering Tools (IPAT / ISET)		\$4,800,000	Lewis (CA)	
R01E,AF	Inter-Base Facility Energy Independence		\$2,400,000	Kaptur	
R01E,AF	Large Area, APVT Materials Development for High Power Devices		\$1,600,000	Freilinghuysen	Lautenberg; Menendez
R01E,AF	Laser Peening for Friction Stir Welded Aerospace Structures		\$1,600,000	Tiaht	Roberts
R01E,AF	LGX High Temperature Acoustic Wave Sensors		\$1,600,000	Michaud; Pingree (ME)	Collins; Snowe
R01E,AF	Lightning Protection of Composites		\$3,000,000		Brownback
R01E,AF	Long-Loiter, Load Bearing Antenna Platform for Pervasive Airborne Intelligence		\$4,000,000	Blunt	
R01E,AF	Low-Defect Density Gallium Nitride Materials for High-Performance Electronic Devices		\$2,800,000	Price (NC)	
R01E,AF	Low-Earth Orbit Nanosatellite Integrated Defense Autonomous Systems (LEONIDAS)		\$4,750,000		Inouye

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Materials Integrity Management Research for the Air Force	\$3,000,000		Roberts
RDTE,AF	Maui Space Surveillance System Operations and Research	\$19,500,000		Inouye
RDTE,AF	Methanol Fuel Cell Development for USAF Battlefield Renewable Integrated Tactical Energy System (BRITES)	\$2,400,000	Tauscher	Feinstein
RDTE,AF	Micromachined Switches for Next Generation Modular Satellites	\$2,400,000	Miller, George (CA)	
RDTE,AF	Micro-Satellite Serial Manufacturing to Include Academic Outreach Educational Program	\$1,200,000	Harman	
RDTE,AF	Mid-IR Laser Materials	\$800,000		Lautenberg; Menendez
RDTE,AF	Military Waste-to-Energy Project using the Hydro-Thermal Energy Conversion (Hy-TEC) Process	\$1,600,000		Johnson; Thune
RDTE,AF	Minuteman III Advanced Third Stage Domestic Fiber Motor Case Development	\$2,400,000	Lungren	
RDTE,AF	Mission Design and Analysis Tool	\$1,600,000	Kingston	
RDTE,AF	Mitigating RoHS Lead-Free Issues in Aerospace Circuit Board Manufacturing	\$800,000	Kaptur; Sutton	Voinovich
RDTE,AF	Mobile Laser Systems for Aircraft Structures (MLSAS)	\$800,000		Voinovich
RDTE,AF	MPOI for Battlespace Information Exchange	\$2,900,000		Reid
RDTE,AF	Multi Sensor Detect, Sense and Avoid (MSDSA)	\$3,200,000		Reid
RDTE,AF	Multiband Realtime Hyperspectral Targeting Sensor	\$1,840,000	Hodes	Gregg; Shaheen
RDTE,AF	Multilingual Text Mining Platform for Intelligence Analysis	\$800,000	Lee (NY)	
RDTE,AF	Multi-Mode Propulsion Phase IIA: High Performance Green Propellant	\$1,600,000	Kratovil	

RDT&E-AF	Multiple IAS Cooperative Concentrated Observation and Engagement Against a Common Ground Objective	\$1,600,000	Bartlett	
RDT&E-AF	National Test Facility for Aerospace Fuels Propulsion	\$1,312,000	Buyer	
RDT&E-AF	Net-Centric Sensor Grids	\$2,400,000	Hill	Lugar
RDT&E-AF	Next Generation Casting Initiative	\$4,000,000	Blumenauer	Levin; Reid; Stabenow
RDT&E-AF	Next Generation Simulation Training for Pararescue Forces	\$1,600,000	Rehberg	Baucus; Tester
RDT&E-AF	Next Generation Solar Electric In-Space Propulsion	\$800,000	Inslee	Murray
RDT&E-AF	Nuclear Enterprise Surety Tracking	\$4,000,000	Fleming	
RDT&E-AF	ONAMI Safer Nanomaterials and Nanomanufacturing	\$3,520,000	DeFazio; Blumenauer; Schrader; Walden; Wu	Merkley; Wyden
RDT&E-AF	On-Chip Integrated Photonic Polymer Transceiver	\$4,500,000	Turner	Murray
RDT&E-AF	Open Source Research Centers	\$1,000,000		
RDT&E-AF	P5CTS Equipment for the MT Joint Training Environment	\$3,000,000		Baucus
RDT&E-AF	PanSTARRS	\$9,500,000		Inouye
RDT&E-AF	Partnership for Energy and Automation Technologies	\$1,600,000	Duncan	Corker
RDT&E-AF	Pennsylvania Nanomaterials Commercialization Center	\$800,000	Doyle	
RDT&E-AF	Planar Lightwave Circuit Development for High Power Military Laser Applications	\$2,400,000	Lance; Rothman	Lautenberg; Menendez
RDT&E-AF	P-Net Ballistic Missile Technology	\$2,000,000		Murkowski
RDT&E-AF	Predator C	\$1,200,000	Billbray; Hunter; McKeon	
RDT&E-AF	Process Integrated Mechanism for Human-Computer Collaboration and Coordination	\$800,000	Stearns	
RDT&E-AF	Production of Nanocomposites for Aerospace Applications	\$1,600,000	Turner	
RDT&E-AF	RAND Project Air Force	\$1,600,000	Moran (VA)	Feinstein

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Rapid Small Satellite Development Test Facilities	\$1,600,000		Gregg
RDTE,AF	Real-time Optical Surveillance Applications	\$3,500,000		Inouye
RDTE,AF	Reconfigurable Electronics and Non-Volatile Memory Research	\$800,000		Crapo; Risch
RDTE,AF	Reconfigurable Secure Computing	\$1,600,000	Moran (VA)	Warner; Webb
RDTE,AF	Reconstitution of B-52 Nuclear Capability Study	\$2,400,000	Fleming	
RDTE,AF	Remote Language-Independent Suspect Identification	\$2,560,000	Alexander	Landrieu
RDTE,AF	Renewable Hydrocarbon Fuels for Military Applications	\$2,000,000	Kucinich; Kaptur	Brown
RDTE,AF	Rivet Joint Services Oriented Architecture	\$2,000,000	Hall (TX)	
RDTE,AF	Safeguarding End-User Military Software	\$4,000,000	Fortenberry	Nelson (NE)
RDTE,AF	Senior Scout Communications Intelligence (COMINT) Capability Upgrade	\$2,400,000	Andrews; LoBlundo	
RDTE,AF	Sewage-Derived Biofuels Project	\$3,840,000		Cochran; Wicker
RDTE,AF	SIC—RF Power for Airborne Avionics Systems	\$1,600,000		Merkley; Wyden
RDTE,AF	Silicon Carbide Electronics Material Producibility Initiative	\$5,040,000	Harper	Cochran; Wicker
RDTE,AF	Silicon Carbide Power Modules for the F-35 Joint Strike Fighter	\$2,400,000	Boozman	Lincoln; Pryor
RDTE,AF	Small Responsive Spacecraft at Low-Cost	\$2,400,000	Bishop (UT)	
RDTE,AF	Small Turbofan Versatile Affordable Advanced Turbine Engine Program	\$3,200,000	Pastor (AZ)	

RDTE,AF	Space Sensor Data Link Technology		\$4,800,000		Bennett
RDTE,AF	Space Situational Awareness	Markley (MA)	\$4,000,000		Kerry, Kirk
RDTE,AF	Split Discharge Variable Delivery Pump for Military Aircraft		\$1,600,000		Dodd
RDTE,AF	Strategic Biofuels Supply System	Rodriguez	\$1,600,000		Cornyn
RDTE,AF	Sustainable Energy Vermont National Guard		\$4,000,000		Sanders
RDTE,AF	Synthetic Liquid Fuels	Young (AK)	\$2,400,000		
RDTE,AF	Technical Order Modernization Environment	Kaptur	\$1,200,000		
RDTE,AF	Temperature Resistant Landing Pad Jet Blast Protection		\$800,000		Casey, Specter
RDTE,AF	Texas Research Institute for Environmental Studies	Rodriguez	\$800,000		
RDTE,AF	Thermal and Energy Management for Aerospace	Manzullo	\$3,200,000		Burr, Durbin
RDTE,AF	Thunder Radar Pod	Blunt	\$1,600,000		Bond
RDTE,AF	Transportable Transponder Landing System		\$2,400,000		Merkley, Wyden
RDTE,AF	UAV Sensor and Maintenance Development Center	Bishop (UT)	\$3,920,000		Hatch
RDTE,AF	Ultra-High Temperature Materials for Hypersonic Aerospace Vehicles	Emerson	\$2,400,000		
RDTE,AF	Unmanned Aerial System Exploitation		\$3,500,000		Voinovich
RDTE,AF	Unmanned Aerial Systems Mission Planning and Operation Center	Moran (KS)	\$2,800,000		
RDTE,AF	Unmanned Sense, Track, and Avoid Radar	Lamborn	\$1,600,000		
RDTE,AF	Watchkeeper	Rehberg	\$1,600,000		
RDTE,AF	Water for Injection and Air Purification with Carbon Nanotube Nanostructured Material		\$2,940,000		Leahy
RDTE,AF	Wavelength Agile Spectral Harmonic Oxygen Sensor and Cell-Level Battery Controller	Dreier	\$1,200,000		

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,AF	Wire Integrity Technology	\$1,600,000	Marshall; Bishop (GA)	
RDTE,DW	3-D Electronics and Power	\$4,800,000	Calvert	
RDTE,DW	3-D Technology for Advanced Sensor Systems	\$2,000,000	Simpson	Crapo; Risch
RDTE,DW	Active Duty Training and Education Program	\$2,000,000	Clyburn	
RDTE,DW	Advance Detection of Special Nuclear Materials	\$2,000,000		Lugar
RDTE,DW	Advanced Battery Technology	\$1,600,000	Young (FL)	
RDTE,DW	Advanced Composite Radome	\$3,200,000		Gregg
RDTE,DW	Advanced Decision Support System	\$2,000,000	Rothman; Payne	Menendez
RDTE,DW	Advanced Development of Antiviral Prophylactics and Therapeutics	\$3,000,000	Pelosi	
RDTE,DW	Advanced Development of Mobile Rapid Response Prototypes	\$2,400,000	Rothman	Lautenberg; Menendez
RDTE,DW	Advanced Distributed Aperture System (ADAS)/Hostile Fire Indicating System (HFIS)	\$1,040,000		Hutchison
RDTE,DW	Advanced Materials Research Institute (AMRI)	\$800,000		Landrieu; Vitter
RDTE,DW	Advanced SAM Hardware Simulator Development	\$4,000,000	Bishop (GA); Johnson (GA); Scott (GA)	Chambliss; Isakson
RDTE,DW	Advanced Scientific Missile Intelligence Preparation of the Battlespace	\$2,000,000	Griffith	
RDTE,DW	Advanced Technologies Sensors and Payloads/Unattended SIGINT Node	\$4,800,000	Lewis (GA)	
RDTE,DW	Advanced, Long Endurance Unattended Ground Sensor Technologies	\$3,920,000	Harper; Childers; Taylor	Cochran; Wicker

RDTE,DW	AELED IED / W/MID Electronic Signature Detection		\$4,800,000	Murtha	
RDTE,DW	AESA Technology Insertion Program		\$2,400,000	Ackerman; McCarthy (NY)	Schumer
RDTE,DW	Affordable Miniature FOPEN Radar for Special Operations Craft—Riverine		\$2,800,000	Murtha	
RDTE,DW	Affordable Robust Mid-Sized Unmanned Ground Vehicle		\$1,600,000	Tsongas	
RDTE,DW	Agile Software Capability Intervention (ASCI)		\$1,200,000		Bond
RDTE,DW	Aging Systems Sustainment and Enabling Technologies		\$2,400,000	Lucas	Inhofe
RDTE,DW	Alternative Energy Study		\$1,400,000		Feinstein
RDTE,DW	Alternative SOF Submersible Concept Design Study		\$1,000,000	Scalise	Landrieu; Vitter
RDTE,DW	American Museum of Natural History Infectious Disease Research		\$1,200,000	Lowey; Nadler	Schumer
RDTE,DW	Antennas and other CNT Devices for Intelligence / Special Military		\$3,000,000		Bond
RDTE,DW	Anti-viral Vaccine Development		\$3,600,000	Latham	Grassley; Harkin
RDTE,DW	Armed Forces Health and Food Supply Research		\$4,000,000		Roberts
RDTE,DW	Army Plant Vaccine Development Program		\$1,600,000		Carper; Kaufman
RDTE,DW	ASIC Miniaturization for Lasers and Sensors Development		\$2,400,000		Leahy
RDTE,DW	Automated Sample Preparation for Biological Detection		\$800,000	Slaughter; Bartlett	Gillibrand; Schumer
RDTE,DW	Autonomous Control and Video Sensing for Robots		\$800,000	Lee (NY)	Schumer
RDTE,DW	Autonomous Machine Vision for Mapping and Investigation of Remote Sites		\$1,600,000	Davis (CA)	
RDTE,DW	Battle-Proven Packbot		\$1,200,000	Tierney	Kerry
RDTE,DW	BioButanol Production Research		\$2,000,000	Clyburn	
RDTE,DW	Biofuels Program		\$1,600,000		Levin

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R01E,DW	Biological and Chemical Warfare Online Repository of Technical Holdings	\$2,000,000	Hastings (WA)	Murray
R01E,DW	Biometric Optical Surveillance System	\$6,000,000	Guthrie	McConnell
R01E,DW	BOPPER/COPPER—Bioterrorism Operations Policy for Public Emergency / Chemoterorism Operations Policy for Public Emergency	\$1,000,000		Burr
R01E,DW	Border Security and Defense Systems Research	\$1,600,000		Hutchison
R01E,DW	Botulinum Neurotoxin Research	\$2,000,000	Baldwin	
R01E,DW	Botulinum Toxin Treatment Therapy	\$800,000	Bishop (GA)	
R01E,DW	Broad Spectrum Therapeutic Countermeasure to OP Nerve Agents	\$1,600,000	DeLauro	Dodd
R01E,DW	California Enhanced Defense Small Manufacturing Suppliers Program	\$1,600,000	Roybal-Allard	
R01E,DW	Carbon Nanotube Thin Film Near Infrared Detector	\$1,600,000	Lewis (CA)	
R01E,DW	CBRN Detection Unmanned Aircraft	\$1,600,000	Young (FL)	
R01E,DW	Cellulosic-Derived Biofuels Research	\$2,400,000	Chandler	
R01E,DW	Center for Education and Research on Corrosion and Materials Performance	\$1,600,000	Ryan (OH), Sutton	Brown
R01E,DW	Center for Innovation at Arlington	\$2,700,000		Hutchison
R01E,DW	Center for Intelligence and Security Studies	\$2,400,000		Cochran, Wicker
R01E,DW	Center for Nonproliferation Studies, Monterey Institute for International Affairs	\$1,600,000	Berman	
R01E,DW	Center for Research on Minority Health Prostate Cancer Outreach Project	\$800,000	Jackson-Lee (TX), Green, Al (TX)	

RDTE,DW	Center of Excellence for Research in Ocean Sciences (CEROS)		\$8,000,000		Inouye
RDTE,DW	Chemical and Biological Agent Fate Appropriate Response Operational Tool	Kildee	\$1,600,000	Levin; Stabenow	
RDTE,DW	Chemical and Biological Defense Program—Advanced Development	Baldwin	\$2,000,000		
RDTE,DW	Chemical and Biological Infrared Detection System		\$1,900,000	Collins	
RDTE,DW	Chemical and Biological Resistant Clothing	Sestak; Gerlach	\$1,600,000	Casey; Specter	
RDTE,DW	Chemical and Biological Threat Reduction Coating	Barrett	\$2,400,000		
RDTE,DW	Commodity Management Systems Consolidation Program		\$1,600,000	Byrd	
RDTE,DW	Comprehensive and Integrated Procedures for Risk Assessment and Resource Allocation	Brady (PA)	\$2,000,000		
RDTE,DW	Comprehensive Maritime Domain Awareness	Young (FL)	\$3,200,000		
RDTE,DW	Contaminated Human Remains Pouch		\$1,600,000	Brownback; Roberts	
RDTE,DW	Continuous Acquisition and Life-Cycle Support (CALS) Integrated Data Environment and Defense Logistics Enterprise Services Program (DLES)		\$3,200,000	Byrd	
RDTE,DW	Copper-base Casting Technology Applications	Perlmutter	\$1,600,000		
RDTE,DW	Corrosion Resistant Ultrahigh-Strength Steel for Landing Gear	Schakowsky	\$1,600,000		
RDTE,DW	Corrosion Training Simulation Program	Oberstar	\$1,200,000	Klobuchar	
RDTE,DW	Countermeasures to Chemical and Biological Controls—Rapid Response	Young (FL)	\$2,800,000	Nelson (FL)	
RDTE,DW	Countermeasures to Combat Protozoan Parasites (Toxoplasmosis and Malaria)	Young (FL)	\$1,600,000		
RDTE,DW	Counterproliferation Analysis and Planning System	McInerney; Tauscher	\$4,000,000		
RDTE,DW	Covert Sensing and Tagging System		\$1,200,000	Akaka; Inouye	
RDTE,DW	Covert Waveform for Software Defined Radios	Gingrey (GA)	\$2,800,000	Isakson	
RDTE,DW	Cybersecurity and Operational Identity Management	Farr	\$1,600,000		

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTÉ,DW	Detection and Remediation of Bio/Chemical Weapons Program	\$2,000,000	Clyburn	
RDTÉ,DW	Disaster Response: Communications and Other Infrastructure Restoration	\$4,000,000		Crapo; Risch
RDTÉ,DW	Distributed Network Switching and Security	\$1,600,000	Sanchez, Loretta (CA)	
RDTÉ,DW	DLA VetBiz Initiative for National Sustainment	\$800,000	Sarbanes	
RDTÉ,DW	Dynamic Data Flow Management System	\$1,600,000	Pomeroy	Conrad; Dorgan
RDTÉ,DW	EC-130I Multi-Mission Upgrades	\$4,000,000		Specter
RDTÉ,DW	Electric Grid Reliability/Assurance	\$800,000		Crapo; Risch
RDTÉ,DW	Electronics and Materials for Flexible Sensors and Transponders (EMFST)	\$4,800,000	Pomeroy	Conrad; Dorgan
RDTÉ,DW	Emergency Egress System	\$1,600,000		Leahy
RDTÉ,DW	End to End Semi Fab Alpha Tool	\$1,600,000	Sanchez, Loretta (CA)	
RDTÉ,DW	Enhanced Simulation for Information Operations Capabilities	\$4,720,000		Cochran
RDTÉ,DW	Enhancement of Geo-location Systems	\$3,200,000	Posey	
RDTÉ,DW	Environmentally Friendly Nanometal Electroplating Processes for Cadmium and Chromium Replacement	\$3,000,000	Obey	
RDTÉ,DW	Expeditionary Surveillance and Reconnaissance Program	\$4,000,000		Byrd
RDTÉ,DW	Facility Security Using Tactical Surveys	\$3,600,000	Lewis (CA)	
RDTÉ,DW	Feature Size Yield Enhancement Advanced Reconfigurable Manufacturing for Semiconductors Foundry	\$2,400,000	Lungren; Matsui	

RDTE,DW	Field Experiment Program for Special Operations	\$1,600,000	Farr
RDTE,DW	FirstLink Technology Transfer Program	\$2,400,000	Murtha
RDTE,DW	Flashlight Soldier-to-Soldier Combat Identification System	\$4,500,000	Granger; Rodriguez
RDTE,DW	Fuel Cell Hybrid Battery Manufacturing for Defense Operations	\$800,000	Cardin; Mikulski
RDTE,DW	Fuelcell Locomotive	\$2,400,000	Brownback
RDTE,DW	Future Dry Deck Shelter	\$4,400,000	Courtney; Kennedy
RDTE,DW	GMTI Radar for Class II UAVs	\$800,000	Moran (VA)
RDTE,DW	Gulf Range Mobile Instrumentation Capability	\$2,400,000	Miller (FL)
RDTE,DW	Hand-Held Apparatus for Mobile Mapping and Expedited Reporting	\$2,800,000	Murtha
RDTE,DW	Hand-held, Lethal Small Unmanned Aircraft System	\$1,000,000	Dreier
RDTE,DW	Hawaii Advanced Laboratory for Information Integration	\$2,000,000	Inouye
RDTE,DW	Helicopter Cable Warning and Obstacle Avoidance	\$1,200,000	Harman
RDTE,DW	Heterogeneous Gallium Nitride/Silicon Microcircuit Technology	\$1,600,000	Lungren
RDTE,DW	High Efficiency Solar Energy Generation and Storage	\$800,000	Jackson-Lee (TX)
RDTE,DW	High Performance Computational Design of Novel Materials	\$3,120,000	Cochran; Wicker
RDTE,DW	High Performance Tunable Materials—Combinatorial Development of Advanced Dielectrics	\$3,600,000	Pomeroy
RDTE,DW	High Speed Optical Interconnects for Next Generation Supercomputing	\$1,200,000	Dent
RDTE,DW	High Speed, High Volume Laboratory Network for Infectious Disease	\$1,600,000	Boxer
RDTE,DW	Hydrogen Fuel Cell Research	\$4,000,000	Clyburn
RDTE,DW	IASIAR Federal Information Security Management Act Compliance	\$1,600,000	Bond

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R01E,DW	IdentClarity-Identity Resolution	\$1,440,000		Lincoln; Pryor
R01E,DW	Improving Support to the Warfighter	\$7,000,000	Lewis (CA)	
R01E,DW	Independent Advisory Group to Review Ballistic Missile Defense Training Needs	\$500,000	Lamborn	
R01E,DW	Initiative to Advance Adaptive Petascale Supercomputing	\$8,000,000	Ruppersberger; Wu	Alexander; Corker
R01E,DW	Inland Empire Perchlorate Remediation	\$3,500,000		Boxer
R01E,DW	Institute for Collaborative Sciences Research	\$2,080,000	Diaz-Balart, Lincoln (FL); Meek; Wasserman Schultz	Nelson (FL)
R01E,DW	Institute of Advanced Flexible Manufacturing Systems	\$7,000,000		Byrd
R01E,DW	Integrated Analysis Environment	\$2,000,000	Moran (VA)	Warner; Webb
R01E,DW	Integrated Cry-cooled High Power Density Systems	\$3,200,000	Boyd	Nelson (FL)
R01E,DW	Integrated Rugged Checkpoint Container	\$2,000,000	Taylor	Cochran; Wicker
R01E,DW	Intelligence, Surveillance, and Reconnaissance Global Sensors Architecture	\$1,600,000	Young (FL)	
R01E,DW	Intelligent Explosives Detection	\$3,200,000	Bartlett; Ruppersberger; Sarbanes	Cardin
R01E,DW	Intelligent Remote Sensing for Urban Warfare Operations II	\$1,200,000	Sestak	Casey
R01E,DW	InVivo Models for Biodefense Vaccines	\$1,520,000	Brown, Corrine (FL)	Nelson (FL)
R01E,DW	Joint Gulf Range Complex Test and Training	\$2,400,000	Miller (FL)	

RDTE,DW	Joint Robotics Training Program		\$2,000,000	Clyburn	
RDTE,DW	Joint Services Aircrew Mask Don /Doff Inflight Upgrade		\$2,400,000	Castle	Carper; Kaufman
RDTE,DW	Laboratory for Advanced Photonic Composites Research		\$1,280,000	Barrett	
RDTE,DW	Laser Ablation Resonance Ionization Mass Spectrometer		\$2,400,000	Polls	
RDTE,DW	Lifetime Power for Wireless Control Sensors		\$800,000	Altmire	
RDTE,DW	Lithium-ion Battery Safety Detection and Control of Impending Failures		\$1,500,000	Carson	Lugar
RDTE,DW	Low Cost Stabilized Turret		\$800,000	Crenshaw	
RDTE,DW	Man Portable Sensors for Dismounted Reconnaissance		\$2,000,000		Mikulski
RDTE,DW	MARCENT Thermal Imaging Suite		\$3,000,000		Gregg
RDTE,DW	Material, Design and Fabrication Solutions for Advanced SEAL Delivery System External Structural Components		\$2,000,000	Simpson	Crapo; Risch
RDTE,DW	MEMS Sensors for Real-Time Sensing of Weaponized Pathogens		\$2,000,000	Biggart; Lipinski	
RDTE,DW	Military/Law Enforcement Counterterrorism Test Bed		\$2,400,000	Young (FL)	
RDTE,DW	MITech Expansion Program		\$1,600,000	Rehberg	Baucus; Tester
RDTE,DW	Miniature Day Night Sight for Crew Served Weapons		\$1,200,000	Sestak	
RDTE,DW	Miniature Divert and Altitude Controls System Thruster		\$1,600,000	McKeon	
RDTE,DW	Miniaturized Chemical Detector for Chemical Warfare Protection		\$1,600,000	McGovern	
RDTE,DW	Mismatch Repair Derived Antibody Medicines to Treat Staphylococcus-derived Bioweapons		\$1,000,000	Sestak	Specter
RDTE,DW	Missile Activity and Characteristics—Releasable		\$2,400,000	Perriello	
RDTE,DW	Modeling and Simulation Standards Study		\$800,000	Forbes	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R01E,DW	Morehouse College, John H. Hopps Defense Research Scholars Program	\$2,400,000	Lewis (GA); Bishop (GA); Kingston; Scott (GA)	Chambliss; Isakson
R01E,DW	Mosaic Camera Technology Transition	\$1,600,000	Doyle	
R01E,DW	Multiple-Target-Tracking Optical Sensor-Array Technology (MOST)	\$4,000,000		Akaka; Inouye
R01E,DW	Multi-target Shipping Container Interrogation System Mobile Continuous Air Monitor	\$1,600,000	Brown, Corrine (FL)	
R01E,DW	National Center for Blast Mitigation	\$1,200,000	Moran (VA)	Warner; Webb
R01E,DW	National Radio Frequency Research, Development and Technology Transfer	\$4,000,000	Buyer; Elsworth	Lugar
R01E,DW	National Terrorism Preparedness Institute, Anti-Terrorism/Counter-Terrorism Technology Development and Training	\$2,800,000	Young (FL)	
R01E,DW	Next Generation Manufacturing Technologies Initiative	\$1,600,000	Loebbeck	Grassley; Harkin
R01E,DW	NIDS Handheld Common Identifier for Biological Agents	\$2,400,000	Castle	Carper; Kaufman
R01E,DW	Non-Gasoline Burning Outboard Engine	\$1,520,000	Mollohan; Wilson (SC)	
R01E,DW	Northwest Manufacturing Initiative	\$2,000,000	Blumenauer; DeFazio; Schrader; Walden; Wu	Merkley; Murray; Wyden
R01E,DW	Omni Directional Relay and Conformal Antenna	\$2,500,000		Mikulski
R01E,DW	Optical Surveillance Equipment	\$2,000,000	Duncan	
R01E,DW	Pacific Data Conversion and Technology Program	\$2,000,000		Akaka
R01E,DW	Pacific Region Interoperability Test and Evaluation Capability	\$3,300,000		Inouye

RDTE,DW	PaintShield for Protecting People from Microbial Threats		\$2,000,000	Fudge; Jackson	Brown; Voinovich
RDTE,DW	Partnership for Defense Innovation Wi-Fi Laboratory Testing and Assessment Center		\$2,800,000	Kissell; Etheridge; McIntyre	Burr
RDTE,DW	Personalized Medicine Initiative		\$2,400,000	Edwards (MD)	Schumer
RDTE,DW	Photovoltaic Ribbon Solar Cell Technology Project		\$2,880,000	Hinchey	Gregg
RDTE,DW	Picoceptor and Processor for Man-portable Threat Warning		\$3,200,000	Teague	Bingaman; Udall (NM)
RDTE,DW	Playas Training and Research Center		\$1,440,000	Smith (WA)	Murray
RDTE,DW	Portable Device for Latent Fingerprint Identification		\$4,000,000	Latham; Boswell	Grassley; Harkin
RDTE,DW	Portable Rapid Bacterial Warfare Detection Unit		\$1,000,000	Gerlach	
RDTE,DW	Potent Human Monoclonal Antibodies Against BoNT A, B and E Suited for Mass Production and Treatment of Large Populations		\$1,200,000	Rogers (KY)	Bunning
RDTE,DW	Progressive Research for Sustainable Manufacturing		\$1,600,000	Grijalva; Aderholt	
RDTE,DW	Protective Self-Decontaminating Surfaces		\$1,000,000	Yarmuth	Bunning; McConnell
RDTE,DW	Radio Frequency Identification Technologies		\$1,600,000	Moran (VA)	
RDTE,DW	Radio Inter-Operability System		\$1,520,000	Michaud	Collins; Snowe
RDTE,DW	Random Obfuscating Compiler Anti-Tamper Software		\$1,280,000		Collins
RDTE,DW	Real Time Test Monitoring of Chemical Agents, Chemical Agent Stimulants and Toxic Industrial Chemicals		\$3,500,000		Akaka
RDTE,DW	Reconnaissance and Data Exploitation (REX) System		\$1,920,000	Granger	
RDTE,DW	Recovery, Recycle, and Reuse of DOE Metals for DoD Applications		\$1,200,000	Lynch	Kerry
RDTE,DW	Reduced Cost Supply Readiness		\$2,700,000	LaTourette	Brown
RDTE,DW	Regenerative Filtration System for CBRN Defense		\$1,200,000	Doyle	
RDTE,DW	Remote VBIED Detection and Defeat System				

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R01E,DW	Rigid Aeroshell Variable Buoyancy Air Vehicle	\$4,000,000	Sherman; Napolitano	
R01E,DW	Savannah CRTC Training Enabled Maneuver Instrumentation (STEM)	\$3,600,000	Kingston	
R01E,DW	Science, Technology, Engineering and Mathematics Initiative	\$1,600,000	Green, Gene (TX); Green, Al (TX); Jackson-Lee (TX)	
R01E,DW	Sea Catcher UAS Launch and Recovery System	\$1,600,000	Sarbanes	
R01E,DW	Secure, Miniaturized, Hybrid, Free Space, Optical Communications	\$1,600,000	Rothman; Lance	Lautenberg; Menendez
R01E,DW	Security for Critical Communication Networks	\$5,600,000	Rothman; Sires	Menendez
R01E,DW	Security Protection using Ballistic CORE Technology	\$3,900,000		Collins
R01E,DW	Self-Contained Automated Vehicle Washing Systems with Microwave Decontamination	\$1,600,000		Johnson
R01E,DW	Self-decontaminating Polymer System for Chemical and Biological Warfare Agents	\$2,800,000	Blunt	Crapo; Risch
R01E,DW	Semiconductor Photomask Technology Infrastructure Initiative	\$1,600,000	Tauscher	
R01E,DW	Shipping Container Security System Field Evaluation	\$3,600,000		Reid
R01E,DW	Small Craft Threat Identification Program	\$1,200,000	Pingree (ME)	Collins; Snowe
R01E,DW	Smart Bomb Targeting Radar System	\$2,320,000		Cochran; Wicker
R01E,DW	SOC-R Armor Development for Small Arms Armor Piercing Ammo	\$2,480,000		Cochran; Wicker
R01E,DW	Solid Oxide Fuel Technology	\$1,000,000	Glyburn	
R01E,DW	Spintronics Memory Storage Technology	\$2,800,000	Lewis (CA)	

RDTE,DW	Strategic Materials		\$5,000,000		Inouye
RDTE,DW	Superconducting Quantum Information Technology		\$800,000	Moore (KS)	
RDTE,DW	Synchrotron Beamline Experimental Station		\$3,200,000	Clarke; Ackerman; Bishop (NY); McCarthy (NY); Tonko; Towns	Schumer
RDTE,DW	Tactical, Cargo, and Rotary Wing Aircraft Decon		\$1,800,000	LaTourette	
RDTE,DW	Technology Applications for Security Enhancement		\$3,000,000	Lucas	Inhofe
RDTE,DW	Technology for Shallow Water Special Operation Forces Mobility		\$2,880,000	Boyd	Nelson (FL)
RDTE,DW	Thermal Pointer / Illuminator for Force Protection		\$1,600,000	Reichert	
RDTE,DW	Thurgood Marshall College Fund Defense Leadership and Technology Initiative		\$1,200,000	Bishop (GA)	
RDTE,DW	Tidewater Full Scale Exercise		\$2,320,000	Forbes	Warner; Webb
RDTE,DW	Tiger Moth Air-Launched Off Board Sensing Small Unmanned Aerial System		\$1,600,000		Lugar
RDTE,DW	Total Perimeter Surveillance		\$1,600,000	Schauer	Levin; Stabenow
RDTE,DW	Transformer Technology for Combat Submersibles		\$3,600,000	Ros-Lehtinen; Bishop (NY)	Schumer
RDTE,DW	Trusted Foundry		\$10,000,000		Gillibrand; Leahy; Schumer
RDTE,DW	Tunable MicroRadio for Military Systems		\$5,600,000		Conrad; Dorgan
RDTE,DW	UAV Directed Energy Weapons Systems Payloads		\$1,000,000	Tiahrt	
RDTE,DW	UAV Systems and Operations Validation Program		\$2,320,000	Teague	Bingaman; Udall (NM)
RDTE,DW	UAV/UAS Test Facility		\$2,400,000	Cole	Inhofe
RDTE,DW	Ultra Low Profile EARS Gunshot Localization System		\$1,200,000	Moran (VA)	
RDTE,DW	Undersea Special Warfare Engineering Support Office		\$2,000,000		Inouye
RDTE,DW	Under-Vehicle Inspection System		\$2,400,000	Young (AK); Bishop (UT)	Begich; Bennett; Murkowski

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTÉ,DW	Unified Management Infrastructure System	\$800,000	Schakowsky	
RDTÉ,DW	United States Special Operations Command—USSOCOM/STAR-TEC Partnership Program	\$1,600,000	Young (FL)	
RDTÉ,DW	United States Special Operations Command SOCRATES High Assurance Platform Program	\$1,000,000	Young (FL)	
RDTÉ,DW	University Multi-Spectral Laboratories	\$2,000,000	Lucas	
RDTÉ,DW	University Strategic Partnership	\$1,920,000	Heinrich	Bingaman; Udall (NM)
RDTÉ,DW	Vehicle and Dismount Exploitation Radar (VADER)	\$4,000,000	Kratovil; Ruppersberger; Sarbanes	Cardin; Mikulski
RDTÉ,DW	Vehicle Fuel Cell and Hydrogen Logistics Program	\$6,400,000		Levin
RDTÉ,DW	Water Purification System for Natural Disasters	\$800,000		Cochran; Landrieu
RDTÉ,DW	Wellhead Treatment of Perchlorate Contaminated Wells	\$1,600,000	Baca	
RDTÉ,DW	Woody Biomass Conversion to JP-8 Fuel	\$1,280,000	Michaud; Pingree (ME)	Collins; Snowe
RDTÉ,DW	Wyoming Army National Guard Joint Training and Experimentation Center (JTEC)	\$3,760,000		Barrasso
RDTÉ,DW	X-Band/W-Band Solid State Power Amplifier	\$1,000,000	Young (FL)	
RDTÉ,N	4-D Data Fusion Visualization	\$1,600,000		Inouye
RDTÉ,N	76mm Swarbuster Capability	\$1,600,000	Crenshaw	
RDTÉ,N	AARGM Counter Air Defense Future Capabilities	\$2,000,000	Molohan	
RDTÉ,N	Accelerating Fuel Cells Manufacturability	\$1,600,000	Slaughter	Schumer

RDTE,N	Adelos Program: Nuclear Security Sensor System		\$2,800,000	Rehberg	Baucus; Tester
RDTE,N	Advanced Battery System for Military Avionics Power Systems		\$1,600,000	Sherman	
RDTE,N	Advanced Capability Build 12 and 14		\$1,600,000	Adler	
RDTE,N	Advanced Composite Manufacturing for Composite High-Speed Boat Design		\$1,600,000	Pingree (ME)	Collins; Snowe
RDTE,N	Advanced Composite Maritime Manufacturing		\$1,600,000	Castle	Carper; Kaufman
RDTE,N	Advanced Energetics Initiative		\$4,000,000	Hoyer	
RDTE,N	Advanced Fluid Controls for Shipboard Application		\$3,000,000		Lautenberg; Menendez
RDTE,N	Advanced Fuel Filtration System		\$1,200,000	Neal; Frelinghuysen	Kerry; Lautenberg; Menendez
RDTE,N	Advanced Helicopter Landing Aid		\$800,000	Rehberg	Tester
RDTE,N	Advanced High Energy Density Surveillance Power Module		\$3,200,000		Kohl
RDTE,N	Advanced Linear Accelerator Facility		\$960,000	Hill	Lugar
RDTE,N	Advanced Logistics Fuel Reformer for Fuel Cells (Phase II)		\$2,400,000	DeLauro	Dodd
RDTE,N	Advanced Manufacturing for Submarine Bow Domes and Rubber Boots		\$1,600,000	Crenshaw	Nelson (FL)
RDTE,N	Advanced Molecular Medicine Initiative		\$800,000	Schiff; Chu; Dreier	
RDTE,N	Advanced Naval Logistics		\$2,400,000		Specter
RDTE,N	Advanced Simulation Tools for Composite Aircraft Structures		\$1,600,000	Clay	Bond
RDTE,N	Advanced Steam Turbine		\$4,000,000	Massa; Oliver; Tsongas	Kerry; Kirk; Schumer
RDTE,N	Aegis Research and Development		\$4,000,000	Miller, Gary (CA)	
RDTE,N	Agile Port and High Speed Ship Technology		\$1,600,000	Sanchez, Linda (CA)	
RDTE,N	Aging Military Aircraft Fleet Support		\$1,600,000	Tiahrt	Brownback; Roberts

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDT,E,N	Air Readiness/Effectiveness Measurement Program	\$1,600,000	Moran (VA); Nye	
RDT,E,N	AN/SLO—2SD Integration	\$6,400,000	Murtha	
RDT,E,N	Arc Fault Circuit Breaker with Arc Location	\$800,000	Matheson	Bennett; Hatch
RDT,E,N	Artificial Intelligence—Based Combat System Kernel	\$3,200,000	Kennedy	Reed
RDT,E,N	Assistive Technologies for Injured Service Members	\$800,000		Nelson (FL)
RDT,E,N	Automated Fiber Optic Manufacturing Initiative for Navy Ships	\$2,000,000	Nye; Tsongas	Kerry; Kirk; Warner; Webb
RDT,E,N	Automated Missile Tracking	\$800,000	Moran (VA)	
RDT,E,N	Autonomous Anti-Submarine Warfare Vertical Beam Array Sonar	\$1,600,000	Miller (NC); Coble	Burr
RDT,E,N	Autonomous Marine Sensors and Networks for Rapid Littoral Assessment	\$2,400,000	Young (FL)	
RDT,E,N	Autonomous Unmanned Surface Vehicle	\$2,700,000		Akaka
RDT,E,N	Autonomous UUV Delivery and Communication System Integration	\$3,600,000	Dicks	Murray
RDT,E,N	Avionics Life Extension	\$800,000	Edwards (TX)	
RDT,E,N	Battlefield Sensor Netting	\$2,400,000	Young (FL)	
RDT,E,N	Biocidal Wound Dressings	\$1,200,000		Leahy
RDT,E,N	Biosensors for Defense Applications	\$800,000	Cao; Melancon; Scalise	Landrieu
RDT,E,N	Bow Lifting Body Project	\$3,200,000	Kagen; Stupak	Inouye; Levin

RDT,E,N	California Central Coast Partnership Research		\$2,800,000	McCarthy (CA)	
RDT,E,N	Captive Air Amphibious Transporter		\$2,200,000		Inouye
RDT,E,N	Carbon Composite Thin Films for Power Generation and Energy Storage		\$1,600,000		Hutchison
RDT,E,N	Center for Assured Critical Application and Infrastructure Security		\$1,200,000	Johnson (IL)	
RDT,E,N	Center for Autonomous Solar Power—Supercapacitors for Integrated Power Storage		\$4,000,000	Hinchey	Gillibrand; Schumer
RDT,E,N	Center for Commercialization of Advanced Technology		\$2,000,000	Lewis (CA); Davis (CA)	
RDT,E,N	Characterization and Exploitation of Magnetic and Electric Fields in the Coastal Ocean Environment		\$2,000,000	Klein (FL); Wasserman Schultz; Wexler	Nelson (FL)
RDT,E,N	Cognitive Radio Institute		\$800,000	Gordon	
RDT,E,N	Combustion Light Gas Gun Projectile		\$4,000,000		Byrd
RDT,E,N	Common Air Mine Countermeasures Tow Cable		\$2,400,000	Boyd	
RDT,E,N	Common Command and Control System Module		\$4,800,000	Langevin; Courtney; Kennedy	Dodd; Lieberman; Reed
RDT,E,N	Common Digital Sensor Architecture		\$2,400,000	Obey	Kohl
RDT,E,N	Common Safety System Controller		\$2,400,000	Pastor (AZ)	
RDT,E,N	Compliance Tools Development for Metals in Antifouling Paints		\$800,000	Bishop (UT); Rehberg	Tester
RDT,E,N	Composite Mast for CVNs		\$2,960,000		Cochran; Wicker
RDT,E,N	Composite Materials Enhancements through Polymer Science R&D		\$5,120,000		Cochran; Wicker
RDT,E,N	Composite Tissue Transplantation for Combat Wounded Repair		\$2,000,000	Lewis (GA)	Chambliss
RDT,E,N	Condition-Based Maintenance Enabling Technologies Program		\$2,400,000		Byrd
RDT,E,N	Conformal Ceramics for Enhanced Aviation Armor Systems		\$2,500,000		Chambliss; Isakson
RDT,E,N	Continuous Active Sonar for Torpedo DCL Systems		\$3,600,000	Courtney	Dodd; Lieberman

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDT,E,N	Cooperative Engagement Capability	\$4,000,000	Young (FL)	
RDT,E,N	Countermine LIDAR UAV-Based Systems	\$1,600,000	Taylor	Cochran
RDT,E,N	DDG-51 Hybrid Drive System	\$8,100,000	Childers	Cochran; Kerry; Kirk; Wicker
RDT,E,N	Deployable Command and Control Vehicle	\$3,040,000	Boyd	
RDT,E,N	Deployment Health and Chronic Disease Surveillance	\$800,000	Moran (VA)	
RDT,E,N	Detection, Tracking, and Identification for ISRT-E of Mobile and Asymmetric Targets	\$2,000,000	Abercrombie	Akaka
RDT,E,N	Digitization, Integration, and Analyst Access of Investigative Files, NCIS	\$1,200,000		Byrd
RDT,E,N	Dynamic Eye-Safe Imaging Laser	\$800,000	Reichert	
RDT,E,N	E-6B Strategic Communications Upgrade	\$2,400,000	Fallin; Loeb sack; Johnson, Sam (TX)	Harkin; Inhofe
RDT,E,N	Electromagnetic Signatures Assessment System Using Multiple Autonomous Undersea Vehicles, Phase III	\$2,000,000		Crapo; Risch
RDT,E,N	Electronic Motion Actuation Systems	\$800,000	Shuler; Bishop (UT)	Bennett; Brown; Hatch; Voinovich
RDT,E,N	Energetic Nano-Materials Agent Defeat Initiative	\$1,600,000	Rothman; Payne	
RDT,E,N	Energetics S&T Workforce Development	\$3,500,000	Hoyer	Cardin
RDT,E,N	Enhanced EO/IR Sensors	\$2,400,000	Hodes	Gregg; Shaheen
RDT,E,N	Enhanced Small Arms Protective Insert	\$1,600,000	King (NY)	Schumer

R0TE,N	Environmentally Sealed, Ruggedized Avionics Displays	\$3,200,000	Butterfield	Burr; Hagan
R0TE,N	EP-3E Requirements Capability Migration Systems Integration Lab	\$5,000,000	Edwards (TX)	
R0TE,N	Expandable Rigid Wall Composite Shelter	\$800,000	Young (AK)	Begich
R0TE,N	Expeditionary Capabilities Laboratory	\$2,400,000		Brownback; Roberts
R0TE,N	Expeditionary Swimmer Defense System	\$3,200,000		Murray
R0TE,N	F/A-18 Countermeasures Improvement	\$4,000,000		Gregg
R0TE,N	Fan Coil Assembly of the Future	\$2,720,000		Dodd; Kerry; Kirk; Kohl; Lieberman
R0TE,N	FEATHAR—Fusion, Exploitation, Algorithm, Targeting High-Altitude Reconnaissance	\$4,350,000		Bennett
R0TE,N	Fighter Jet Noise Reduction Under Carrier Deck Operational Environment	\$2,880,000		Cochran
R0TE,N	Flight / Hangar Deck Cleaner	\$1,400,000		Begich
R0TE,N	Floating Area Network Littoral Sensor Grid	\$4,000,000	Dicks	
R0TE,N	Flow Path Analysis Tool	\$1,600,000	Lewis (CA); McCarthy (CA)	
R0TE,N	Fuel Efficient, High Specific Power Free Piston Engine for USSVs	\$1,600,000	Pingree (ME)	Collins; Snowe
R0TE,N	Galienol Energy Harvesting	\$2,800,000	Latham	Grassley; Harkin
R0TE,N	Caesium Nitride (CaN) Power Technology	\$1,600,000	Coble	
R0TE,N	Global Law Enforcement Support for Counter-Narcotics	\$1,500,000		Burr
R0TE,N	Global Supply Chain Management	\$800,000	Bishop (GA)	
R0TE,N	Ground Warfare Acoustical Combat Systems of Netted Sensors	\$5,000,000	Boren; Sullivan	Inhofe
R0TE,N	Guidance, Navigation, Control, and Targeting	\$4,000,000		Leahy
R0TE,N	Hampton University Proton Cancer Treatment Initiative	\$4,000,000	Scott (VA); Moran (VA)	Warner; Webb

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R0TE,N	Harbor Shield—Homeland Defense Port Security Initiative	\$1,600,000	Kilroy, Langevin	Reed; Voinovich; Whitehouse
R0TE,N	Hawaii National Guard Integrated Information Command System	\$1,280,000		Inouye
R0TE,N	Hawaii Technology Development Venture	\$10,000,000		Inouye
R0TE,N	HBCU Applied Research Incubator	\$800,000	Kilpatrick; Connolly; Cummings; Thompson (MS)	Cochran; Wicker
R0TE,N	Head Attitude Tracking System	\$1,600,000		Conrad; Dorgan
R0TE,N	High Density Power Conversion and Distribution Equipment	\$1,200,000	Sullivan; Boren	
R0TE,N	High Performance Capabilities for Military Vehicles Project	\$1,120,000		Hagan
R0TE,N	High Power Density Motor Drive	\$2,880,000	Murphy, Tim (PA)	
R0TE,N	High Power Ultra Lightweight Zinc-Air Battery	\$2,000,000	Coble; Kucinich; Sulton	Leahy
R0TE,N	High Temperature Radar Dome Materials	\$1,600,000	Giffords	
R0TE,N	High Temperature Superconductor Trap Field Magnet Motor	\$800,000	Carter	
R0TE,N	High Torque, Low Speed, Direct Drive Electric Motor Technology	\$1,600,000		Durbin
R0TE,N	Highly Conductive Lightweight Aircraft Sealant	\$960,000		Burr
R0TE,N	Highly Integrated Siloxane Optical Interconnect for Military Avionics	\$800,000	Stupak	Levin; Stabenow
R0TE,N	High-Shock 100 Amp Current Limiting Circuit Breaker	\$600,000	Murphy, Tim (PA)	Casey; Specter
R0TE,N	Human Neural Cell-Based Biosensor	\$1,100,000		Isakson

R07E,N	Hybrid Propellant for Medium and Large-Caliber Ammunition		\$4,000,000	Boyd		
R07E,N	Hybrid Propulsion/Power Generation for Increased Fuel Efficiency for Surface Combatants		\$6,400,000	Sanchez, Loretta (CA); Miller, Gary (CA)	Feinstein	
R07E,N	Image-Based Navigation and Precision Targeting		\$640,000	Markey (MA)	Kerry	
R07E,N	Improved Capabilities for Irregular Warfare Platforms		\$4,000,000	Hoyer	Cardin	
R07E,N	Improved Kinetic Energy Cargo Round		\$800,000	Lee (NY)	Schumer	
R07E,N	Improved Submarine Towed Array Systems		\$1,600,000		Reed	
R07E,N	Infrared Materials Laboratory		\$2,800,000	Cole		
R07E,N	Instrumented Underwater Training Systems		\$2,240,000	Ros-Lehtinen		
R07E,N	Integrated Advanced Ship Control		\$1,200,000	Tierney	Kerry	
R07E,N	Integrated Condition Assessment and Reliability Engineering		\$800,000	Connolly		
R07E,N	Integrated Manifold and Tube Ceramic Oxygen Generator		\$4,800,000		Grassley; Harkin	
R07E,N	Integrated Manufacturing Enterprise		\$5,000,000		Landrieu; Vitter	
R07E,N	Integrated Manufacturing Systems 3D Simulation and Modeling Project		\$2,000,000	Scalise; Melancon	Landrieu	
R07E,N	Integrated Power System Converter		\$1,600,000	Murphy, Tim (PA)	Casey; Specter	
R07E,N	Integrated Power System Power Dense Harmonic Filter Design		\$1,600,000	Altmire		
R07E,N	Integrated Psycho-Social Healthcare Demonstration Project		\$1,000,000	Young (FL)	Nelson (FL)	
R07E,N	Integration of Advanced Wide Field of View Sensor with Reusable, Reconfigurable Payload Processing Testbed System		\$800,000	Holden		
R07E,N	Integration of Electro-Kinetic Weapons into Next Generation Navy Ships		\$4,000,000	Boyd	Nelson (FL)	
R07E,N	Integration of Logistics Information of Knowledge Projection and Readiness Assessment Program		\$1,600,000		Byrd	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDT,E,N	Intelligent Decision Exploration	\$3,900,000		Inouye
RDT,E,N	Intelligent Retrieval of Imagery	\$2,000,000	Moran (VA)	
RDT,E,N	IP over Power Line Carrier Network Integration with ICAS	\$1,600,000	McIntyre	
RDT,E,N	Joint Explosive Ordnance Disposal Diver Situational Awareness System	\$1,600,000	Moran (VA)	
RDT,E,N	Joint Heavy-Lift Rotocraft Research	\$1,000,000	Hoyer	
RDT,E,N	Joint Mission Battle-Space to Support Net-Ready Key Performance Parameters	\$2,000,000	Hoyer	Cardin
RDT,E,N	Joint Tactical Radio System Handheld Manpack Small Form Factor Radio System	\$3,600,000	Wasserman Schultz	
RDT,E,N	Joint Technology Insertion and Accelerated System Integration Capability for Electronic Warfare	\$1,600,000	Ellsworth	Lugar
RDT,E,N	Kinetic Hydropower System Turbine	\$1,600,000	Inslee; Engel; Tonko; Towns	Murray; Schumer
RDT,E,N	Landing Craft Composite Lift Fan	\$1,200,000	Garrett; Dent	Lautenberg; Menendez
RDT,E,N	Laser Optimization Remote Lighting System	\$2,000,000	Larson (CT)	
RDT,E,N	Laser Peening for P-3 Life Extension	\$1,280,000		Feinstein
RDT,E,N	Laser Phalanx	\$12,000,000	Crowley; Bishop (UT)	Bennett; Bunning; Hatch; McConnell; Schumer
RDT,E,N	Life Extension of Weapon Systems Through Advanced Materials Processing	\$2,500,000	Herseth; Sandlin	Johnson; Thune
RDT,E,N	Lighter-than-Air Stratospheric Unmanned Aerial Vehicle for Persistent Communications Relay and Surveillance	\$2,400,000	Lamborn	

RDTE,N	Lightweight Composite Structure Development for Aerospace Vehicles	\$2,400,000	Sullivan	Inhofe
RDTE,N	Lithium Ion Storage Advancement for Aircraft Applications	\$2,000,000	Blunt	
RDTE,N	Low Acoustic and Thermal Signature Battlefield Power Source	\$3,200,000	Rehberg	Baucus; Tester
RDTE,N	Low Frequency Active Towed Sonar System Organic ASW Capability	\$1,600,000	Crenshaw	
RDTE,N	Low Signature Defensive Weapon System for Surface Combatant Craft	\$3,840,000	Hinchey	Schumer
RDTE,N	M230 30mm Chain Gun Automatic Cannon	\$3,760,000		Reid
RDTE,N	Magnetic Refrigeration Technology for Naval Applications	\$4,000,000	Baldwin	Kohl
RDTE,N	Maintenance Free Operating Period	\$2,000,000	Moran (VA)	
RDTE,N	Maintenance Planning and Assessment Technology Insertion	\$1,200,000	Brady (PA)	
RDTE,N	Management of Lung Injury by Micronutrients	\$1,200,000	Meeks (NY)	Schumer
RDTE,N	Managing and Extending DoD Asset Lifecycles	\$1,600,000	Abercrombie	Akaka
RDTE,N	Manufacturing S&T for Next-Generation Energetics	\$5,000,000	Hoyer	
RDTE,N	Marine Air-Ground Task Force Situational Awareness	\$2,700,000		Inouye
RDTE,N	Marine Corps Cultural and Language Training Platform	\$640,000	Maffei	Schumer
RDTE,N	Marine Expeditionary Rifle Squad Reconfigurable Vehicle Simulator	\$2,400,000	Rehberg	Baucus; Tester
RDTE,N	Marine Mammal Awareness, Alert and Response Systems	\$2,400,000	Abercrombie	
RDTE,N	Marine Mammal Detection System	\$2,000,000	Smith (NJ)	Lautenberg; Menendez
RDTE,N	Marine Personnel Carrier Support System	\$2,400,000	Kennedy	Reed
RDTE,N	Marine Species Mitigation	\$2,295,000	Brown, Corrine (FL)	Nelson (FL)
RDTE,N	Maritime Directed Energy Test and Evaluation Center	\$1,200,000		Inouye

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Measurement Standards Research and Development	\$5,800,000	Calvert	
RDTE,N	Media Exploitation Tool Integration with Intelligence C2 Systems	\$1,200,000	Kosmas	
RDTE,N	METOC Integrated Network-Centric Technology Systems	\$2,600,000		Vitter
RDTE,N	Micro-Drive for Future HVAC Systems	\$1,920,000	Moore (WI)	Kohl
RDTE,N	Military Upset Recovery Training	\$800,000	Lee (NY)	Schumer
RDTE,N	Millimeter Wave Imaging	\$1,360,000	Castle	Carper; Kaufman
RDTE,N	Mobile Modular Command Center (M2C2)	\$2,800,000		Inouye
RDTE,N	Mobile, Oxygen, Ventilation and External Suction (MOVES) System	\$2,720,000	Granger; Johnson (TX)	Cornyn
RDTE,N	Modular Advanced Vision System	\$1,600,000	Carney	
RDTE,N	Mold-in-Place Coating Development for the US Submarine Fleet	\$2,000,000	Taylor	Cochran; Wicker
RDTE,N	Molten Carbonate Fuel Cell Demonstrator	\$3,600,000		Dodd; Lieberman
RDTE,N	Moving Target Indicator Scout Radar	\$800,000	Johnson, Sam (TX); Hall (TX); Johnson, Eddie Bernice (TX)	
RDTE,N	Multi-Element Structured Filter Arrays for Naval Platforms	\$3,440,000	Bonner	
RDTE,N	Multifunctional Materials, Devices, and Applications	\$1,600,000	Kilroy	
RDTE,N	Multi-Mission Unmanned Surface Vessel	\$2,000,000	Granger	
RDTE,N	Multivalent Dengue Vaccine Program	\$1,280,000	Brown (SC)	Graham

RDTE,N	Manofluidic Lubricants for Increased Fuel Efficiency in Heavy Duty Vehicles	\$1,200,000	Price (NC)	
RDTE,N	Nanotechnology for Anti-Reverse Engineering	\$2,400,000	Boozman	Lincoln; Pryor
RDTE,N	National Aviation Enterprise Interoperability with Carrier Strike and Expeditionary Group Forces	\$5,000,000	Hoyer	Cardin; Mikulski
RDTE,N	National Functional Genomics Center Collaborating Site	\$3,200,000	Holden	Hutchison
RDTE,N	National Initiatives for Applications of Multifunctional Materials	\$2,000,000		
RDTE,N	National Shipbuilding Research Program Advanced Shipbuilding Enterprise	\$3,200,000		Sessions; Wicker
RDTE,N	NAVAIR High Fidelity Oceanographic Library	\$2,400,000	Rehberg	
RDTE,N	NAVAIR Project for Land/Sea-Based Air Systems Maintenance and Air Worthiness	\$2,000,000	Conyers; Dingell; Levin	Levin; Stabenow
RDTE,N	Naval Advanced Electric Launcher System	\$2,000,000		Bond
RDTE,N	Naval Ship Hydrodynamic Test Facilities	\$3,200,000	Van Hollen	Cardin
RDTE,N	Navy Advanced Threat Simulator	\$1,600,000	McCarthy (CA)	
RDTE,N	Navy Special Warfare Performance and Injury Prevention Program for Special Boat Team 22	\$2,000,000	Taylor	Cochran; Wicker
RDTE,N	NAWCWD Point Mugu Electronic Warfare Laboratory Upgrade	\$3,200,000	Gallegly	
RDTE,N	Near Infrared Optical Augmentation System	\$1,600,000	Moran (VA)	
RDTE,N	Next Generation Electronic Warfare Simulator	\$1,600,000	McCarthy (CA); Ruppersberger	
RDTE,N	Next Generation Manufacturing Processes and Systems	\$1,200,000	Smith (TX)	
RDTE,N	Next Generation Scalable Lean Manufacturing Initiative—Phase Two	\$2,400,000	Young (FL)	
RDTE,N	Next Generation Shipboard Integrated Power—Fuel Efficiency and Advanced Capability Enhancer	\$1,600,000	Bartlett	
RDTE,N	Non Traditional Ballistic Fiber and Fabric Weaving Application for Force Protection	\$2,000,000	LoBlonde; Andrews; Rothman	Lautenberg; Menendez
RDTE,N	Non-Gasoline Burning Outboard Engine	\$1,520,000	Boyd	

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
R01E,N	Non-Lethal Defense Technologies	\$2,320,000	Murtha	
R01E,N	NSWC Corona Item Unique Identification Center	\$1,440,000	Calvert	
R01E,N	ONAMI Nanoelectronics, Nanometrology and Nanobiotechnology Initiative	\$3,840,000	Wur; Blumenauer; DeFazio; Schrader; Walden	Merkley; Wyden
R01E,N	On-Demand Custom Body Implants/Prosthesis for Injured Personnel	\$1,600,000	Dingell; Levin	Levin; Stabenow
R01E,N	Open Source Naval and Missile Database Reporting System	\$1,920,000	Dicks	
R01E,N	Organic Submarine IRST Demonstration (ISRT OSAD)	\$2,400,000		Reed
R01E,N	Out of Autoclave Composite Processing	\$2,000,000	Clay	Bond
R01E,N	Pacific Airborne Surveillance and Testing	\$17,000,000		Inouye
R01E,N	Paragon (Frequency Extension)	\$2,400,000	Connolly; Moran (VA)	
R01E,N	Passive RFID Development	\$900,000	LaTourette	
R01E,N	Permanent Magnet Generator—Wave Energy Buoy	\$1,920,000	Schrader	Merkley; Wyden
R01E,N	Persistent Autonomous Maritime Surveillance	\$5,000,000	Rogers (KY)	
R01E,N	Persistent Surveillance Wave Powerbuoy System	\$3,200,000	Holt	Lautenberg; Menendez
R01E,N	Photonic Integration Foundry	\$2,400,000		Casey; Specter
R01E,N	Photovoltaic Rooftop Systems for Military Housing	\$1,200,000	Peters; Schauer	Levin
R01E,N	Precision Engagement Technologies for Unmanned Systems	\$2,000,000	Ehlers	Levin

RDTE,N	Productization of Anti-fouling and Fouling Release Coating Systems	\$2,800,000	Pomeroy	Conrad; Dorgan
RDTE,N	Propulsion Manufacturing Technology Development	\$3,760,000		Cochran; Wicker
RDTE,N	Proton Exchange Membrane Fuel Cell for Underwater Vehicles	\$1,600,000		Lieberman
RDTE,N	Pure Hydrogen Supply from Logistic Fuels	\$2,400,000	Murphy; Patrick (PA)	Casey
RDTE,N	Quiet Drive Advanced Rotary Actuator	\$1,600,000	Sesiak; Harman; Higgins; Lee (NY); Sherman; Slaughter	Schumer; Warner; Webb
RDTE,N	Real-time Tactical Intelligence Collection System	\$1,200,000	Kennedy; Sarbanes	Cardin; Mikulski
RDTE,N	Regenerative Fuel Cell Back-up Power	\$1,360,000	Larson (CT)	Dodd
RDTE,N	Remote Aiming and Sighting Optical Retrofit	\$3,040,000	Granger; Johnson (TX)	
RDTE,N	Semi-Submersible UUV for Sensor Enhancements	\$1,400,000	Alexander	Vitter
RDTE,N	Sensor Integration Framework	\$1,440,000	Boyd	Nelson (FL)
RDTE,N	Ship Model Testing	\$2,000,000	King (NY)	Gillibrand; Schumer
RDTE,N	Shipboard Automated Radio Room System	\$1,600,000		Lautenberg; Menendez
RDTE,N	Shipboard Wireless Maintenance Assistant	\$1,200,000	Schauer; Dingell	Levin
RDTE,N	Shipboard Wireless Network	\$2,400,000	Rohman	
RDTE,N	Shock and Vibration Modeling of Marine Composites	\$1,920,000	Towns	Schumer
RDTE,N	Silicon Carbide Wafer Production—Process Development for Low Defect Power Electronics	\$1,200,000	Hinchey	Schumer
RDTE,N	Simplified Orthopedic Surgery	\$4,240,000		Nelson (NE)
RDTE,N	Single Generator Operations Lithium Ion Battery	\$4,000,000		Lugar; Reid
RDTE,N	Small Survivable Jammer	\$800,000		Feinstein
RDTE,N	Smart Instrument Development for the Magdalena Ridge Observatory	\$4,000,000	Teague	Bingaman; Udall (NM)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDTE,N	Solar Heat Reflective Film for Energy and Fuel Efficiency in Buildings and Vehicles	\$3,920,000		Sessions
RDTE,N	Sonobuoy Wave-Energy Module	\$800,000	Alexander	Landrieu; Vitter
RDTE,N	SPAWAR Systems Center / ITC New Orleans	\$3,200,000	Cao; Scalise	Landrieu; Vitter
RDTE,N	SSBN(X) Systems Development	\$2,000,000	Witman	
RDTE,N	Strike Weapon Propulsion	\$3,200,000	Barton	
RDTE,N	Submarine Automated Test and Re-Test	\$2,000,000	Moran (VA)	
RDTE,N	Submarine Environment for Evaluation and Development	\$2,400,000		Reed
RDTE,N	Submarine Fatigue Vector Sensor Towed Array	\$1,600,000	Kratovil	Cardin
RDTE,N	Submarine Navigation Decision Aids	\$4,000,000	Murtha	
RDTE,N	Submarine Panoramic Awareness System	\$800,000	Sherman	
RDTE,N	Submarine System Biometrics Access Control	\$2,000,000	Rogers (KY)	Bunning
RDTE,N	Supply Chain Logistics Capability at the ABL NIROP	\$6,400,000		Byrd
RDTE,N	Tactical High Speed Anti-Radiation Missile Propulsion Demonstration	\$1,520,000	McKeon; Connolly	
RDTE,N	Technology Transfer Office	\$1,500,000	Hoyer	Mikulski
RDTE,N	Texas Microfactory	\$1,600,000		Hutchison
RDTE,N	Thin Film Materials for Advanced Applications, Advanced IED and Anti-Personnel Sensors	\$1,280,000		Leahy

RDTE,N	Tomahawk Cost Reduction Initiative	\$3,280,000	Bishop (UT)	Bennett; Hatch; Levin; Stabenow
RDTE,N	Trusted Discovery/Universal Description Discovery and Integration UDDI	\$5,000,000		Conrad; Dorgan
RDTE,N	U.S. Navy Cancer Vaccine Program	\$2,400,000	Jones (NC); Miller, Gary (CA)	Landrieu
RDTE,N	U.S. Navy Pandemic Influenza Vaccine Program	\$1,600,000	McHugh	Gillibrand; Schumer
RDTE,N	Underwater Explosion Modeling and Simulation for Ohio Class Replacement Composite Non-Pressure Hull Firing	\$2,000,000	Perniello	
RDTE,N	Underwater Explosives and Warhead Research	\$3,000,000	Hoyer	
RDTE,N	Underwater Imaging and Communications Using Lasers	\$2,000,000	Wexler; Wasserman Schultz	Nelson (FL)
RDTE,N	Unmanned Undersea Vehicle Submerged Long Range Positioning	\$800,000		Landrieu
RDTE,N	Unmanned Vehicle Sensor Optimization Technologies Program	\$2,400,000		Byrd
RDTE,N	Vet-Biz Initiative for National Sustainment	\$4,000,000	Salazar	Udall (CO)
RDTE,N	Virtual Business Accelerator for the Silicon Prairie	\$1,600,000		Nelson (ME)
RDTE,N	Virtual Onboard Analyst for Multi-Sensor Mine Detection	\$1,200,000		Inouye
RDTE,N	Voyage Repair Team Tool Management	\$1,200,000	Adler	
RDTE,N	Warfighter Rapid Awareness Processing Technologies	\$4,500,000		Alaska
RDTE,N	Wave Energy Harvesting for Buoy Applications	\$1,600,000		Reed
RDTE,N	Waves, Wind and Scavengers: Next Generation Renewable Energy Systems for Naval Applications	\$2,000,000		Bond
RDTE,N	Weapon Acquisition and Firing System	\$2,400,000	Kennedy	Reed; Whitehouse
RDTE,N	Wide Area Sensor Force Protection Targeting	\$1,600,000	Bean	
RDTE,N	Wireless Sensors for Navy Aircraft	\$2,400,000		Leahy

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)	
			House	Senate
RDT,E,N	Workforce Requirements Planning—Team Enhancement	\$800,000	Inslee	
RDT,E,N	X-49A Envelope Expansion Modifications	\$3,600,000	Brady (PA); Andrews; Castle; Higgins; Larson (CT); Sestak; Slaughter	Schumer
WP,N	Allegany Ballistics Laboratory Facility Restoration Plan	\$9,500,000		Byrd
WP,N	Intelligent Graphics Torpedo Test Set Troubleshooting Maintainers Aid	\$4,000,000	Dicks	
WP,N	Lightweight Torpedo P5U Test Equipment Modernization	\$3,840,000	Dicks	
WP,N	MK-110 57mm Naval Gun	\$2,000,000		McConnell
WP,N	MK-38 Minor Caliber Gun System	\$3,000,000		McConnell
WTCVA	Arsenal Support Program Initiative at Rock Island Arsenal	\$7,600,000	Hare; Braley	Burr; Durbin; Grassley; Harkin
WTCVA	Arsenal Support Program Initiative at Watervliet Arsenal	\$6,400,000	Tonko	Gillibrand; Schumer
WTCVA	M24 Sniper Weapons System Upgrade	\$2,400,000	Arcuri	Schumer

Though clause 9(b) of rule XXI of the rules of the House of Representatives technically only applies to conference reports, the following is a list of congressional earmarks, limited tax benefits, or limited tariff benefits that were neither (1) included in the House bill or Senate amendment on H.R. 3326, nor (2) in a report of a committee of either House on this bill or on a companion measure.

[Congressionally Directed Spending Items]

Agency	Account	Project	Amount	Requester(s)	
				House	Senate
National Park Service	Construction	Swain County, NC		Shuler	