

DEFENSE
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
AP,A	Army CH-47 Helicopter Forward and Aft Hook Project	\$3,000,000	Baird
AP,A	Army National Guard UH-60 Rewiring Program	\$10,000,000	Granger
AP,A	Civil Support Communications Systems for KY-ARNG UH-60 Aircraft	\$2,000,000	Rogers (KY)
AP,A	Forward Looking Infrared sensors for UH-60 Medevac Helicopters for the Minnesota National Guard	\$1,000,000	Oberstar
AP,A	Internal Auxiliary Fuel Tank System	\$3,000,000	Franks (AZ); Bishop (UT); Pastor (AZ)
AP,A	Vibration Management Enhancement Program	\$3,000,000	Cyburn; Wilson (SC)
AP,AF	C-130 Active Noise Cancellation System	\$3,000,000	Tiahrt
AP,AF	Civil Air Patrol	\$5,000,000	Tiahrt
AP,AF	Large Aircraft Pooded Infrared Countermeasures Systems for Air Force Reserve KC-135	\$1,500,000	Bean
AP,N	Advanced Skills Management Command Portal	\$2,000,000	Dicks
AP,N	AM/AAR-47D(V)X Missile Warning System	\$5,000,000	Young (FL)
AP,N	Crane Integrated Defensive Electronic Countermeasures Depot Capability	\$2,000,000	Ellsworth
AP,N	Multi-Mission Helicopter Avionics System Test Bed	\$1,500,000	Hoyer
AP,N	Universal Avionics Recorder Wireless Flight Download Data	\$1,000,000	Harman
DHP	Composite Operational Health and Occupational Risk Tracking System	\$3,000,000	Tiahrt
DHP	Fort Drum Regional Health Planning Organization	\$430,000	McHugh
DHP	Madigan Army Medical Center Trauma Assistance	\$2,500,000	Dicks; Smith (WA)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
DHP	Military Physician Combat Medical Training Naval Hospital Jacksonville	\$1,000,000	Brown, Corrine (FL)
DHP	Shock Trauma Center Operating Suites	\$3,000,000	Ruppersberger; Cummings
DHP	Web-Based Teaching Programs for Military Social Work	\$4,000,000	Roybal-Allard
DHP	Wide Area Virtual Environment Simulation for Medical Readiness Training	\$3,000,000	Van Hollen
DPA	Aluminum Oxy-Nitride and Spinel Optical Ceramics	\$3,000,000	Bono Mack; Higgins; Tierney
DPA	Armor and Structures Transformation Initiative-Steel to Titanium	\$8,100,000	Murtha
DPA	Flexible Aerogel Materials Supplier Initiative	\$2,000,000	Kennedy
DPA	High Performance Thermal Battery Infrastructure Project	\$3,000,000	Young (FL)
DPA	Inventory for Defense Applications	\$10,000,000	Murtha
DPA	Low Cost Military Global Positioning System (GPS) Receiver	\$4,000,000	Loebbeck; Latham
DPA	Metal Injection Molding Technological Improvements	\$1,000,000	Pascrell
DPA	Military Lens System Fabrication and Assembly	\$4,000,000	Murtha
DPA	Navy Production Capacity Improvement Project	\$1,000,000	Dent
DPA	Production of Miniature Compressors for Electronics and Personal Cooling	\$4,500,000	Rogers (KY)
DPA	Radiation Hardened Cryogenic Read Out Integrated Circuits	\$2,000,000	Simpson
DRUGS	Delaware National Guard Counter-Drug Task Force	\$300,000	Castle
DRUGS	Florida Counter-Drug Program	\$2,900,000	Putnam; Brown, Corrine (FL); Young (FL)

DRUGS	Indiana National Guard Counter-Drug Program	\$3,000,000	Viscosky
DRUGS	Kentucky National Guard Counter-Drug Program	\$3,500,000	Rogers (KY)
DRUGS	Nevada National Guard Counter-Drug Program	\$4,000,000	Titus; Berkley
DRUGS	North Carolina Counter-Drug Task Force	\$1,000,000	Jones (NC); Butterfield; Shuler
DRUGS	Regional Counter-Drug Training Academy	\$1,500,000	Harper
DRUGS	Tennessee National Guard Appalachia High Intensity Drug Trafficking Area	\$4,000,000	Tanner; Davis (TN)
DRUGS	Western Region Counter-Drug Training Center	\$2,500,000	Dicks; Baird; Larsen (WA); McDermott; Smith (WA)
GP	Arrest Deterioration of Ford Island Aviation Control Tower, Pearl Harbor, HI	\$4,800,000	Abercrombie
GP	Center for Military Recruitment, Assessment and Employment	\$3,000,000	Roskam
GP	Edward M. Kennedy Institute for the Senate	\$7,400,000	Markey (MA)
GP	Marshall Legacy Institute	\$500,000	Murtha
GP	New Jersey Technology Center	\$3,000,000	Holt; Pallone
GP	Our Military Kids	\$1,000,000	Connolly; Kennedy; Kilroy; Moran (VA); Ortiz
GP	Paralympics Military Program	\$5,000,000	Kennedy; Langevin
GP	Riverside General Hospital, Houston, TX (Technical Correction)		Jackson-Lee (TX)
GP	SOAR Virtual School District	\$6,000,000	Braley
GP	The Presidio Heritage Center	\$5,000,000	Pelosi
GP	Vietnam Veterans Memorial Fund for De-Mining Activities	\$1,000,000	Murtha
GP	Women In Military Service for America Memorial	\$2,000,000	Richardson; Bordallo; Schakowsky; Granger;

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
ICMA	Counter- Threat Finance—Global	\$2,000,000	Ryan (OH)
ICMA	Language Mentorship Program incorporating an electronic portfolio	\$1,000,000	Boswell
MILPERS, ARNG	WMD Civil Support Team for Florida	\$1,200,000	Young (FL)
MILPERS, ARNG	WMD Civil Support Team for New York	\$250,000	McMahon; Hall (NY); Hinchey
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	\$1,800,000	McMahon
OM/A	Anti-Corrosion Nanotechnology Solutions for Logistics	\$1,000,000	Rahall
OM/A	Army Command and General Staff College Leadership Training Program	\$2,000,000	Jenkins
OM/A	Army Force Generation Synchronization Tool	\$1,000,000	Dent; Bishop (UT); Dingell
OM/A	Common Logistics Operating System	\$2,000,000	Bishop (GA)
OM/A	Critical Language Instruction for Military Personnel, Education, Training and Distance Learning	\$3,000,000	Putnam
OM/A	Defense- Fire Alarm / Detection System Installation for the Historical Fort Hamilton Community Club	\$500,000	McMahon
OM/A	Defense Job Creation and Supply Chain Initiative	\$3,000,000	Posey; Brown; Corrine (FL)
OM/A	Defense- Sprinkler System Installation for the Historical Fort Hamilton Community Club	\$1,200,000	McMahon
OM/A	Diversity Recruitment for West Point Military Academy	\$1,000,000	Hall (NY)
OM/A	Fort Benning National Incident Management System Compliant Installation Operations Center	\$5,000,000	Bishop (GA); Rogers (AL)
OM/A	Fort Bliss Data Center	\$1,700,000	Reyes

OM/A	Fort Hood Training Lands Restoration and Maintenance	\$2,500,000	Carter, Edwards (TX)
OM/A	Genocide Prevention Course through Combined Arms Center	\$1,600,000	Israel
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	\$8,000,000	Fattah
OM/A	Lightweight Tactical Utility Vehicles	\$4,500,000	Petri, Kissell
OM/A	Logistics Interoperability	\$1,500,000	Rahall
OM/A	M24 Sniper Weapons System Upgrade	\$3,000,000	Arcuri
OM/A	Modular Command Post Tent	\$6,000,000	Rogers (KY)
OM/A	Net-Centric Decision Support Environment Sense and Respond Logistics	\$2,500,000	Bishop (GA)
OM/A	Online Technology Training Program at Joint Base Lewis-McChord	\$2,000,000	Dicks
OM/A	Operational/Technical Training Validation for Joint Maneuver Forces at Fort Bliss	\$1,000,000	Reyes
OM/A	Repair Heating, Ventilation, Air Conditioning System at Ft. Leavenworth	\$2,796,000	Jenkins
OM/A	Repair Heating, Ventilation, Air Conditioning System in National Simulations Center	\$1,785,000	Jenkins
OM/A	ROTC and Reserve Component Strategic Language Hub Pilot	\$1,500,000	Deal, Marshall
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	\$1,000,000	Cole; Fallin
OM/AF	Air Education and Training Command Range Improvements at the Barry M.Goldwater Range	\$1,500,000	Giffords; Franks (AZ); Grjajava; Pastor (AZ)
OM/AF	Defense Critical Languages and Cultures Initiative	\$2,000,000	Conaway; Rehberg

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
OM,AF	Demonstration Project for Contractors Employing Persons with Disabilities	\$4,000,000	Tiahrt
OM,AF	Diversity Recruitment for Air Force Academy	\$550,000	Becerra
OM,AF	Engine Health Management Plus Data Repository Center	\$3,000,000	Murtha
OM,AF	Expert Knowledge Transformation Project	\$2,000,000	Gonzalez
OM,AF	HO-USNORTHCOM—National Center for Integrated Civilian-Military Domestic Disaster Medical Response	\$2,000,000	DeLauro
OM,AF	Joint Aircrew Combined System Tester (JCASIT)	\$2,000,000	Biggart
OM,AF	MacDill Air Force Base Online Technology Program	\$1,000,000	Castor (FL)
OM,AF	Military Medical Training and Disaster Response Program	\$2,000,000	Mitchell
OM,AF	Minority Aviation Training Program	\$1,250,000	Meek (FL)
OM,AF	Research Cybersecurity of Critical Control Networks	\$1,700,000	Terry
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	\$4,000,000	Kingston, Marshall
OM,ANG	190th Air Refueling Wing Squadron Operations Facility	\$1,000,000	Jenkins
OM,ANG	Force Protection and Training Equipment	\$465,000	Graves
OM,ANG	Joint Interoperability Coordinated Operations and Training Exercise	\$515,000	Kingston
OM,ANG	Smoky Hill Range Access Road Improvements	\$1,000,000	Moran (KS)
OM,AR	Nevada National Guard Joint Operations Center	\$1,000,000	Heller

OM,ARNG	Advanced Law Enforcement Rapid Response Training	\$1,000,000	Doggett
OM,ARNG	Advanced Trauma Training Course for the Illinois National Guard	\$2,500,000	Davis (IL); Jackson (IL)
OM,ARNG	Army National Guard M939A2 Repower Program	\$5,000,000	Carter
OM,ARNG	Camp Ethan Allen Training Site Road Equipment	\$300,000	Welch
OM,ARNG	CID Equipment	\$449,000	Cuellar
OM,ARNG	Florida Army National Guard Future Soldier Trainer	\$3,000,000	Meek (FL)
OM,ARNG	Full Cycle Deployment Support Pilot Program	\$3,000,000	Hodes; Shea-Porter
OM,ARNG	Joint Command Vehicle and Supporting C3 System	\$2,250,000	Shea-Porter; Hodes
OM,ARNG	MN Guard Beyond the Yellow Ribbon Reintegration Program	\$2,000,000	Walz; Ellison; Oberstar; Paulsen; Peterson
OM,ARNG	Multi-Jurisdictional Counter-Drug Task Force Training	\$3,500,000	Young (FL)
OM,ARNG	National Guard Civil Support Team/CBRNE Enhanced Response Force Package	\$1,500,000	Dicks; Hastings (WA)
OM,ARNG	Regional Geospatial Service Centers	\$2,156,000	Gohmert
OM,ARNG	Training Aid Suite for Vermont NG Training Sites	\$1,308,000	Welch
OM,ARNG	Trauma Response Simulation Training	\$1,500,000	Boswell
OM,ARNG	UH-60 Leak Proof Drip Pans	\$2,500,000	Rogers (KY)
OM,ARNG	Vermont Army National Guard Security Upgrades	\$930,000	Welch
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
OM,ARNG	WMD Multi-Sensor Response and Infrastructure Project System	\$2,000,000	Fallin
OM,ARNG	Yellow Ribbon Project—Oregon National Guard Reintegration Program	\$1,200,000	Schrader

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
OM,DW	Almaden AFS Environmental Assessment and Remediation	\$4,000,000	Honda; Lofgren
OM,DW	Castner Range Conservation Conveyance Study	\$300,000	Reyes
OM,DW	Centerville Naval Housing Transfer	\$6,000,000	Thompson (CA)
OM,DW	Critical Language Training	\$2,000,000	Davis (CA)
OM,DW	Drydock #1 Remediation and Disposal	\$3,000,000	Pelosi
OM,DW	Eliminate Public Safety Hazards	\$1,340,000	Slaughter
OM,DW	George AFB (New and existing infrastructure improvements)	\$1,000,000	McKeon
OM,DW	Hunters Point Naval Shipyard Remediation	\$9,000,000	Pelosi
OM,DW	McClellan AFB Infrastructure Improvements	\$1,000,000	Matsui
OM,DW	Middle East Regional Security Program	\$3,000,000	Berman
OM,DW	Military Intelligence Service Historic Learning Center	\$1,000,000	Pelosi
OM,DW	Naval Station Ingleside Redevelopment	\$1,000,000	Ortiz
OM,DW	Norton AFB (New and Existing Infrastructure Improvements)	\$6,000,000	Lewis (CA)
OM,DW	Phase I of Berth N-2 Reconstruction of MOTBY Ship Repair Facility	\$4,500,000	Sires
OM,DW	Remediation of Jet Fuel Contamination at Floyd Bennett Field	\$3,000,000	Weiner
OM,DW	Soldier Center at Patriot Park, Ft. Benning	\$5,000,000	Bishop (GA)
OM,DW	Special Operations Forces Modular Glove System	\$1,500,000	Kratovil; Baird; Castle; McDermott

OM,DW	Strategic Language Initiative	\$3,600,000	Richardson; Royce; Watson
OM,DW	Thorium/Magnesium Excavation—Blue Island	\$2,000,000	Jackson (IL)
OM,DW	Translation and Interpretation Skills for DoD	\$2,000,000	Farr
OM,MC	Flame Resistant High Performance Apparel	\$1,500,000	Kissell
OM,MC	MGPTS Type III or Rapid Deployable Shelter	\$3,000,000	Hinchey
OM,MC	Ultra Lightweight Camouflage Net System (ULCANS)	\$3,500,000	Etheridge; Coble
OM,N	ATIS Maintenance and Enhancement Program	\$1,000,000	Rahall
OM,N	Brown Tree Snake Program	\$500,000	Bordallo
OM,N	Center for Defense Technology and Education for the Military Services (CDTEMS)	\$7,000,000	Farr
OM,N	Continuing Education—Distance Learning at Military Installations	\$2,000,000	Brown-Waite, Ginny (FL)
OM,N	Diversity Recruitment for Naval Academy	\$1,000,000	Becerra
OM,N	Enhanced Navy Shore Readiness Integration	\$5,000,000	Dicks
OM,N	Fleet Readiness Data Assessment	\$2,400,000	Calvert
OM,N	Institute for Threat Reduction and Response- Simulated and Virtual Training Environments	\$1,200,000	Brown, Corrine (FL)
OM,N	Navy Ship Disposal—Carrier Demonstration Project	\$3,000,000	Ortiz
OM,N	Puget Sound Naval Maintenance and Repair Process Improvements	\$2,100,000	Dicks
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	\$1,500,000	Diaz-Balart, Mario (FL)
OP,A	Combat Skills Marksmanship Trainer	\$4,000,000	Kingston; Gingrey (GA)
OP,A	Combined Arms Virtual Trainers	\$500,000	Lujan

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
OP,A	Combined Arms Virtual Trainers for the Tennessee National Guard	\$5,000,000	Davis (TN); Wamp; Duncan
OP,A	Communications Aerial Platforms for Increased Situational Awareness for the Minnesota National Guard	\$2,360,000	Paulsen; Oberstar; Walz
OP,A	Fifth-Wheel Towing Devices for the Puerto Rico Army National Guard	\$700,000	Pierluisi
OP,A	Ft. Bragg Range 74 Combined Arms Collective Training Facility	\$1,000,000	Kissell
OP,A	Individual Gunnery; Tank Gunnery; and Tabletop Full-Fidelity Trainers	\$2,000,000	Lujan
OP,A	Kentucky National Guard Emergency Response Generator Stockpile	\$6,000,000	Rogers (KY)
OP,A	Laser Marksmanship Training System	\$2,000,000	Kennedy
OP,A	Life Support for Trauma and Transport	\$1,000,000	Sanchez, Loretta (CA); Reyes
OP,A	Machine Gun Training System for the Pennsylvania National Guard	\$3,000,000	Holden
OP,A	Mobile Defensive Fighting Position	\$2,000,000	Maffei
OP,A	Mobile Firing Range for Texas National Guard	\$1,500,000	Conaway; Granger
OP,A	Multi-Temperature Refrigerated Container System	\$3,500,000	Davis (KY)
OP,A	Radio Personality Modules for SINGARS Test Sets	\$3,000,000	Tiahrt
OP,A	Regional Emergency Response Network Emergency Cell Phone Capability	\$5,000,000	Hastings (FL); Stearns; Brown, Corrine (FL); Young (FL)
OP,A	Tactical Operations Center for the Washington National Guard	\$2,300,000	Reichert; Baird; McDermott
OP,A	Ultraflight Utility Vehicles for the National Guard	\$2,000,000	Obeys
OP,A	Virtual Convoy Operations Trainer	\$1,500,000	Lujan

OP,A	Virtual Interactive Combat Environment Training System for the Virginia National Guard	\$2,000,000	Connolly; Moran (VA)
OP,AF	Air National Guard Joint Threat Emitter—Savannah Combat Readiness Training Centers	\$1,000,000	Lee (NY)
OP,AF	Aircrew Body Armor and Load Carriage Vest System	\$3,000,000	Akin
OP,AF	Eagle Vision III	\$6,000,000	Bilbray; Davis (CA)
OP,AF	Eagle Vision Program	\$1,500,000	Clyburn; Wilson (SC)
OP,AF	Nevada Air National Guard Scathe View	\$1,000,000	Titus; Berkley; Heller
OP,AF	One AF/One Network Infrastructure	\$2,000,000	Olson; Rothman
OP,AF	One AF/One Network Infrastructure for the Pennsylvania National Guard	\$2,000,000	Schwartz
OP,N	Adaptive Diagnostic Electronic Portable Testset	\$1,000,000	Young (FL)
OP,N	AMUSD-167 COMSEC Upgrade	\$1,000,000	Fliner
OP,N	Deployable Joint Command and Control Shelter Upgrade Program	\$3,000,000	Salazar
OP,N	Enhanced Detection Adjunct Processor	\$4,000,000	Kaptur
OP,N	Force Protection Boats (Small)	\$2,000,000	Melancon
OP,N	Hydroacoustic Low Frequency Source Generation Systems	\$2,000,000	Massa; Lee (NY)
OP,N	LSD-4149 Diesel Engine Low Load Upgrade Kit	\$2,000,000	Baldwin
OP,N	Multi-Climate Protection System	\$2,500,000	Rogers (MI); Hodes; Shea-Porter; Tsongas
OP,N	Secure Remote Monitoring Systems	\$2,000,000	Moran (VA)
OP,N	SPAWAR Systems Center (SSC/ITC) New Orleans	\$7,500,000	Cao; Scalise
P,DW	Expansion of the Forensic Intelligence Technologies and Training Support Center of Excellence	\$2,000,000	Young (FL)
P,DW	Intelligence Broadcast Receiver for AFSOC MC-130	\$1,000,000	Miller (FL)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
P,DW	Light Mobility Vehicle—Internally Transportable Vehicle	\$2,000,000	Waters
P,DW	NSW Protective Combat Uniform	\$2,500,000	Granger
P,DW	SOPMOD II (M4 Carbine Rail System)	\$2,500,000	Kingston
P,DW	Special Operations Forces Combat Assault Rifle	\$2,500,000	Wilson (SC)
P,MC	Marine Corps MK 1077 Flatracks	\$3,000,000	Aderholt
P,MC	Microclimate Cooling Unit for M1 Abrams Tank	\$1,000,000	Lee (NY); Higgins
P,MC	Portable Armored Wall System	\$1,000,000	Adler; Bishop (UT)
P,MC	Portable Military Radio Communications Test Set	\$1,500,000	Tiahrt
PAA	Ammunition Production Base Support (Scranton AAP)	\$3,500,000	Kanjorski; Carney
PAA	Blue Grass Army Depot Equipment	\$3,000,000	Chandler
PAA	Bombline Modernization	\$2,000,000	Boren
PAA	M721 60mm Illuminating Mortar	\$2,000,000	Ross
PAA	M722 60mm White Phosphorus Smoke Mortar	\$2,000,000	Ross
PAA	Magneto Inductive Remote Activation Munitions System (MI-RAMS) MT156/M39 Kits and M40 Receivers	\$9,000,000	Lewis (CA)
PAA	Small Caliber Ammunition Production Modernization	\$5,000,000	Graves; Cleaver
PANMIC	Enhanced Laser Guided Training Round	\$4,500,000	Carney
RD1E-A	Achieving Lightweight Casting Solutions	\$2,000,000	Schock

RDT&A	Acid Alkaline Direct Methanol Fuel Cell	\$2,000,000	McIntyre
RDT&A	Advanced Affordable Turbine Engine Program	\$4,000,000	Larson (CT); Courtney; DeLauro; Pastor (AZ)
RDT&A	Advanced Battery Materials and Manufacturing	\$5,000,000	Halvorson, Biggart
RDT&A	Advanced Bio-Engineering for Enhancement of Soldier Survivability	\$3,000,000	Johnson (GA); Bishop (GA); Gingrey (GA); Kingston; Lewis (GA); Scott (GA)
RDT&A	Advanced Bonded Diamond for Optical Applications	\$2,500,000	Kingston
RDT&A	Advanced Cancer Genome Institute	\$2,500,000	Higgins; Lee (NY); Slaughter
RDT&A	Advanced Carbon Hybrid Battery for Hybrid Electric Vehicles	\$1,000,000	Bishop (GA)
RDT&A	Advanced Communications for Mobile Networks	\$4,000,000	Mollohan
RDT&A	Advanced Composite Ammunition Magazine/Mount System	\$2,000,000	Obey
RDT&A	Advanced Composite Armor for Force Protection	\$2,000,000	Coble
RDT&A	Advanced Composite Materials Research for Land, Marine, and Air Vehicles	\$3,500,000	Rogers (MI)
RDT&A	Advanced Composite Nickel-Manganese-Cobalt Lithium Ion Battery	\$3,000,000	Hinchey
RDT&A	Advanced Composite Research for Vehicles	\$5,000,000	Klipatrick
RDT&A	Advanced Composites for Light Weight, Low Cost Transportation Systems using a 3+ Ring Extruder	\$3,000,000	Slupak
RDT&A	Advanced Conductivity Program	\$1,000,000	Young (FL)
RDT&A	Advanced Detection of Explosives	\$2,000,000	Young (FL)
RDT&A	Advanced Diagnostic and Therapeutic Digital Technologies	\$2,000,000	Capuano; Cummings; Watson
RDT&A	Advanced Digital Hydraulic Drive System	\$2,500,000	Upton
RDT&A	Advanced Field Artillery Tactical Data System	\$4,500,000	Souder

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDT&A	Advanced Flexible Solar Photovoltaic Technologies	\$3,000,000	Obey
RDT&A	Advanced Fuel Cell Research Program	\$4,000,000	Poe
RDT&A	Advanced Functional Nanomaterials for Biological Processes	\$2,500,000	Snyder
RDT&A	Advanced Ground EW and Signals Intelligence System	\$2,500,000	Larsen (WA); Smith (WA)
RDT&A	Advanced Lightweight Gunner Protection Kit for Lightweight MRAP Vehicle	\$1,000,000	Altmire
RDT&A	Advanced Lightweight Multifunctional Multi-Threat Composite Armor Material Technology	\$3,000,000	Rangel
RDT&A	Advanced Lithium Ion Phosphate Battery System for Army Combat Hybrid HMMWV and Other Army Vehicle Platforms	\$2,000,000	Dingell
RDT&A	Advanced Live, Virtual, and Constructive Training Systems	\$3,500,000	Latham
RDT&A	Advanced Military Wound Healing Research and Treatment	\$1,000,000	Lee (NY)
RDT&A	Advanced Nanocomposite Materials for Lightweight Integrated Armor Systems	\$2,000,000	Ryan (OH)
RDT&A	Advanced Packaging Materials for Combat Rations	\$1,000,000	Gingrey (GA)
RDT&A	Advanced Polymer Systems for Defense Application—Power Generation, Protection and Sensing	\$3,000,000	Emerson
RDT&A	Advanced Power Generation Unit for Military Applications	\$650,000	Roskam
RDT&A	Advanced Power Source for Future Soldiers	\$1,500,000	Carson
RDT&A	Advanced Power Technologies for Nano-Satellites	\$2,000,000	Rogers (KY)
RDT&A	Advanced Radar Transceiver IC Development	\$1,000,000	Harman
RDT&A	Advanced Rarefaction Weapon Engineered System	\$4,000,000	Kaptur

RDTE-A	Advanced Reactive Armor Systems	\$2,000,000	Hinchey
RDTE-A	Advanced Tactical Laser Flashlight	\$1,000,000	Kipatrack
RDTE-A	Advanced Technology for Energy Storage	\$2,000,000	Vislosky
RDTE-A	Advanced Technology, Energy Manufacturing Sciences	\$7,000,000	Frelinghuysen
RDTE-A	Advanced Thermal Management System	\$3,000,000	Stupak
RDTE-A	Advancement of Bloodless Medicine	\$1,866,000	Rothman
RDTE-A	Air Drop Mortar Guided Munition for the Tactical UAV	\$3,000,000	Hastings (MA)
RDTE-A	Alginate Oligomers to Treat Infectious Microbial Biofilms	\$2,000,000	Kilroy
RDTE-A	All Composite Bus Program	\$2,500,000	Kennedy
RDTE-A	Alliance for Nanohealth	\$5,000,000	Culberson
RDTE-A	ALS Therapy Development Institute—Gulf War Illness Research Project	\$2,000,000	Capuano; Brown (SC)
RDTE-A	Alternative Power Technology for Missile Defense	\$1,000,000	Herseht Sandlin
RDTE-A	Aluminum Armor Project	\$1,050,000	Capito
RDTE-A	ANALQ 211 Networked EW Controller	\$1,000,000	Pascrell
RDTE-A	Antennas for Unmanned Aerial Vehicles	\$1,000,000	Bonner
RDTE-A	Anti-Microbial Bone Graft Product	\$2,000,000	Crenshaw; Stearns
RDTE-A	Antioxidant Micronutrient Therapeutic Countermeasures	\$1,000,000	McCarthy (NY)
RDTE-A	Anti-Tamper Research and Development	\$3,800,000	Alexander
RDTE-A	Applied Communication and Information Networking	\$3,800,000	Andrews; LoBlundo
RDTE-A	ARL 3D Model-Based Inspection and Scanning	\$3,000,000	Ryan (OH)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDTE-A	Armament System Engineering and Integration Initiative	\$2,000,000	Frelinghuysen; Sires
RDTE-A	Armaments Academy	\$3,000,000	Frelinghuysen
RDTE-A	Army Center of Excellence in Acoustics; National Center for Physical Acoustics	\$4,000,000	Childers
RDTE-A	Army/Joint STARS Surveillance and Control Data Link Technology Refresh	\$1,000,000	Davis (CA)
RDTE-A	Army Portable Oxygen Concentration System	\$1,500,000	Moran (VA)
RDTE-A	Army Vehicle Condition Based Maintenance	\$5,000,000	Murtha
RDTE-A	Asymmetric Threat Response and Analysis Project	\$2,500,000	Giffords
RDTE-A	Atomized Magnesium Domestic Production Design and Development	\$2,000,000	Kaplan
RDTE-A	Automated Portable Field System for Rapid Detection and Diagnosis of Endemic Diseases and Other Pathogens	\$2,000,000	Massa
RDTE-A	Automotive Technology Tactical Metal Fabrication System	\$2,500,000	Clyburn; Brown (SC)
RDTE-A	Automotive Tribology Center	\$2,000,000	Peters
RDTE-A	Autonomous Sustainment Cargo Container	\$1,500,000	Bartlett
RDTE-A	Ballistic Armor Research	\$1,000,000	Dent
RDTE-A	Battlefield Exercise and Combat Related Spinal Cord Injury Research	\$3,000,000	Brown-Waite, Ginny (FL)
RDTE-A	Battlefield Nursing	\$2,000,000	Cohen
RDTE-A	Battlefield Related Injury Translational Research Strategies	\$2,250,000	Castor (FL)
RDTE-A	Battlefield Research Accelerating Virtual Environments for Military Individual Neuro Disorders (BRAVEMIND)	\$1,000,000	Harman

RDTE-A	Beneficial Infrastructure for Rotorcraft Risk Reduction	\$1,000,000	Sestak
RDTE-A	Bio Battery	\$1,000,000	Griffith
RDTE-A	Biological Air Filtering System Technology	\$3,000,000	Berry
RDTE-A	Bio-Printing of Skin for Battlefield Burn Repairs	\$1,000,000	Johnson, Sam (TX)
RDTE-A	Biowaste-to-Bioenergy Center	\$2,500,000	Murphy (NY); Tonko
RDTE-A	Blood and Bone Marrow Collection Fellowship	\$2,500,000	Bishop (GA)
RDTE-A	Blood Safety and Decontamination Technology	\$3,000,000	Gerlach; DeLauro; Fatiah; Markey (MA); McDermott; Tonko
RDTE-A	Brain Interventional Surgical Hybrid Initiative	\$3,000,000	Wasserman Schultz
RDTE-A	Brain Safety Net	\$3,000,000	Walden; Blumenauer; Defazio; Wu
RDTE-A	Breast Cancer Medical Information Network Decision Support	\$1,000,000	Berman
RDTE-A	Brownout Situational Awareness Sensor	\$3,000,000	Hunter; Olver
RDTE-A	Buster/Blacklight UAV Development	\$1,000,000	Gonzalez; Ortiz; Rodriguez
RDTE-A	Cadmium Emissions Reduction—Letterkenny Army Depot	\$1,000,000	Shuster
RDTE-A	Cancer Prevention through Remote Biological Sensing	\$2,000,000	Bishop (NY)
RDTE-A	Capabilities Expansion of Spinal Transparent Armor Manufacturing	\$2,000,000	Perlmutter
RDTE-A	Captive Carry Sensor Test-Bed	\$3,000,000	Davis (AL); Bachus
RDTE-A	Carbide Derived Carbon for Treatment of Combat Related Sepsis	\$1,000,000	Sestak
RDTE-A	Cellular Therapy for Battlefield Wounds	\$3,500,000	Fudge
RDTE-A	Cellulose Nanocomposites Panels for Ballistic Protection	\$2,000,000	Michaud; Pingree (ME)
RDTE-A	Center for Bone Repair and Military Readiness	\$1,500,000	Cleaver

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDT&E-A	Center for Cancer Immunology Research	\$2,000,000	Culberson
RDT&E-A	Center for Defense Systems Research	\$1,000,000	Reyes
RDT&E-A	Center for Genetic Origins of Cancer	\$2,500,000	Dingell; Upton
RDT&E-A	Center for Hetero-Functional Materials	\$1,000,000	Doggett; Conaway; Rodriguez
RDT&E-A	Center for Injury Biomechanics	\$4,000,000	Boucher
RDT&E-A	Center for Integration of Medicine and Innovative Technology	\$9,000,000	Capuano; Lynch
RDT&E-A	Center for Nanoscale Bio-Sensors as a Defense against Biological Threats	\$3,000,000	Boozman
RDT&E-A	Center for Ophthalmic Innovation	\$3,000,000	Diaz-Balart; Mario (FL); Ros-Lehtinen
RDT&E-A	Center for Virtual Reality Medical Simulation Training	\$1,500,000	Bachus; Davis (AL)
RDT&E-A	Center of Excellence in Infectious Diseases and Human Microbiome	\$3,000,000	Maloney; King (NY)
RDT&E-A	Ceramic and MMC Armor Development using Ring Extruder Technology	\$1,000,000	Stupak
RDT&E-A	CERDEC Integrated Tool Control System	\$2,000,000	Pallone
RDT&E-A	Chronic Tinnitus Treatment Program	\$1,000,000	Dent
RDT&E-A	Clinical Technology Integration for Military Health	\$2,000,000	Markey (MA)
RDT&E-A	Clinical Trial to Investigate Efficacy of Human Skin Substitute	\$1,000,000	Baldwin
RDT&E-A	Cognitive Based Modeling and Simulation for Tactical Decision Support	\$2,000,000	Bishop (GA)
RDT&E-A	Collaboration Skills Training for Time-Critical Teams, Squads and Workgroups	\$2,000,000	Davis (IL)

ROTE-A	Collagen-Based Wound Dressing	\$1,000,000	Altmire
ROTE-A	Combat Medic Trainer	\$2,000,000	Schwartz; Hunter
ROTE-A	Combat Mental Health Initiative	\$2,000,000	Kaptur
ROTE-A	Combat Wound Initiative	\$3,000,000	Kennedy
ROTE-A	Command, Control, Communications Technology	\$2,000,000	Pascrell
ROTE-A	Compact Biothreat Rapid Analysis Concept	\$3,000,000	Capuano
ROTE-A	Compact Pulsed Power Initiative	\$4,000,000	Conaway
ROTE-A	Composite Applied Research and Technology for FCS and Tactical Vehicle Survivability	\$1,500,000	Castle
ROTE-A	Composite Small Main Rotor Blades	\$3,000,000	Tiahrt
ROTE-A	Compostable and Recyclable Fiberboard Material for Secondary Packaging	\$2,500,000	Obey
ROTE-A	Construct Training Program	\$1,500,000	Gutierrez; Jackson (IL)
ROTE-A	Control of Vector-Borne Diseases	\$3,000,000	Visclosky
ROTE-A	Conversion of Municipal Solid Waste to Renewable Diesel Fuel	\$3,150,000	Rothman; Lance; Sires
ROTE-A	Cooperative Developmental Energy Program	\$2,000,000	Bishop (GA)
ROTE-A	Crewmember Alert Display Development Program	\$2,000,000	Kingston
ROTE-A	Current Force Common Active Protection System Radar	\$2,000,000	Johnson, Sam (TX); Hall (TX); Johnson, Eddie Bernice (TX)
ROTE-A	Customized Nursing Programs for Fort Benning	\$2,000,000	Bishop (GA)
ROTE-A	Cyber Threat Analytics	\$3,000,000	Lewis (CA)
ROTE-A	Defense Metals Technology Center	\$2,500,000	Bocchieri; Ryan (OH)
ROTE-A	Defense Support for Civil Authorities for Key Resource Protection	\$1,000,000	Shuster

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R01E-A	Defense Support to Civil Authorities Automated Support System	\$2,000,000	Moran (VA)
R01E-A	Define Renewable Energy Sources for Base Energy Independence	\$1,000,000	Teague
R01E-A	Demonstration of Thin Film Solar Modules as a Renewable Energy Source	\$1,000,000	Reyes
R01E-A	Dermal Matrix Research	\$2,000,000	Lance
R01E-A	Development of Enabling Chemical Technologies for Power from Green Sources	\$1,500,000	Oliver
R01E-A	Development of Improved Lighter-Weight IED/EFP Armor Solutions	\$2,000,000	Traht
R01E-A	Developmental Mission Integration	\$7,000,000	Frelinghuysen
R01E-A	De-Weighting Military Vehicles through Advanced Composites Manufacturing Technology	\$2,000,000	Davis (KY)
R01E-A	Diabetes Care in the Military	\$2,000,000	Kilpatrick
R01E-A	Direct Carbon Fuel Cell	\$3,500,000	Capito
R01E-A	Distributed Power from Wastewater	\$2,500,000	Wilson (OH); Space
R01E-A	Distributed, Networked, Unmanned Ground Systems	\$2,000,000	Matheson
R01E-A	DOD Diabetes Research and Development Initiative (DRDI)	\$3,200,000	Dicks
R01E-A	Domestic Production of Nanodiamond for Military Applications	\$2,000,000	Thompson (PA)
R01E-A	Drive System Composite Structural Component Risk Reduction Program	\$3,000,000	Brady (PA)
R01E-A	Dual Stage Variable Energy Absorber	\$3,000,000	Murphy, Patrick (PA)
R01E-A	Effects Based Operations Decision Support Services	\$2,000,000	Moran (VA)

R01E-A	Electric All Terrain Ultra Light Vehicle for the Minnesota National Guard	\$2,000,000	Oberstar
R01E-A	Electrically Charged Mesh Defense Net Troop Protection System	\$7,500,000	Aderholt
R01E-A	Electronic Combat and Counter Terrorism Threat Developments to Support Joint Forces	\$3,000,000	Kingston
R01E-A	Enabling Optimization of Reactive Armor	\$3,000,000	Whitfield; Rogers (KY)
R01E-A	Enhanced Driver Situational Awareness	\$1,000,000	Kennedy
R01E-A	Enhancing Military Ophthalmic Education and Overcoming Urban Healthcare Disparities with Telemedicine	\$3,000,000	Brady (PA)
R01E-A	Enhancing the Commercial Joint Mapping Toolkit to Support Tactical Military Operations	\$4,000,000	Lewis (CA)
R01E-A	Enhancing Wound Healing, Tissue Regeneration, and Biomarker Discovery	\$2,500,000	Berkley; Titus
R01E-A	Environmentally Intelligent Moisture and Corrosion Control for Concrete	\$2,100,000	Rothman
R01E-A	Epigenetic Disease Research	\$2,000,000	McMorris Rodgers
R01E-A	Evaluation of Integrative Approaches to Resilience	\$2,000,000	Moran (VA)
R01E-A	Exceptional Family Transitional Training Program for US Military Soldiers, Sailors, Marines and Airmen	\$800,000	Murtha
R01E-A	Execution of a Quality Systems Program for FDA Regulation Activities	\$1,500,000	Bishop (GA)
R01E-A	Extended Duration Silver Wound Dressing—Phase II	\$1,000,000	Shuler
R01E-A	Eye Trauma and Visual Restoration	\$1,000,000	Schiff
R01E-A	Eye-Safe Standoff Fusion Detection of CBE Threats	\$2,500,000	Doyle
R01E-A	Field Deployable Hologram Production System	\$4,800,000	Granger; Conaway
R01E-A	Fighting Combat-related Fatigue Syndrome	\$1,000,000	Kosmas; Brown, Corrine (FL)
R01E-A	Fire Shield	\$4,000,000	Dreier
R01E-A	Fire Suppression System	\$1,425,000	Sullivan

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDT&A	Flexible Solar Cell for Man-portable Power Generator	\$1,000,000	Jackson (IL); Rush
RDT&A	Florida Trauma Rehabilitation Institute for Returning Military Personnel	\$3,000,000	Bilirakis
RDT&A	Flu Vaccine Technology Program	\$1,500,000	Rahall
RDT&A	Foil Bearing Supported UAV Engine	\$1,000,000	Larson (CT)
RDT&A	Foliage Penetrating, Reconnaissance, Surveillance, Tracking, and Engagement Radar (FORESTER) Phase II	\$2,000,000	Maffei; McHugh
RDT&A	Framework for Electronic Health Record-Linked Predictive Models	\$3,000,000	Murtha
RDT&A	Friction Stir Welding Program	\$3,000,000	Jordan; Kaptur
RDT&A	Fuel System Component Technology Research	\$2,000,000	Manzullo
RDT&A	Fully Burdened Cost of Fuel and Alternative Energy Methodology and Conceptual Model	\$3,500,000	Kaptur
RDT&A	Fused Silica for Large-Format Transparent Armor	\$4,000,000	Space
RDT&A	Gas Engine Driven Air Conditioning	\$3,000,000	Pastor (AZ); Berkley; Franks (AZ)
RDT&A	Geosciences/Atmospheric Research	\$3,000,000	Markey (CO); Salazar
RDT&A	Geospatial Airship Research Platform	\$4,000,000	Kaptur
RDT&A	Green Armament and RangeSafe Technology Initiatives	\$2,000,000	Frelinghuysen; Sires
RDT&A	Hadron Particle Therapy	\$2,000,000	Foster
RDT&A	Headbone Energy Analysis and Diagnostic System	\$2,000,000	Carney
RDT&A	Health Disparities in Troop Readiness	\$8,000,000	Clyburn

RDT&A	Heavy Fuel Engine Family for Unmanned Systems		\$4,000,000	Hoekstra
RDT&A	High Performance Alloy Materials and Advanced Manufacturing of Steel Castings for New Light Weight and Robotic Weapon Systems		\$3,000,000	Emerson
RDT&A	High Performance Computing in Biomedical Engineering and Health Sciences		\$1,500,000	Watt
RDT&A	High Strength Glass Production and Qualification for Armor Applications		\$2,000,000	Tonko
RDT&A	Highlander Electro-Optical Sensors		\$2,000,000	Moran (VA)
RDT&A	Highly Integrated Lethality Systems Development		\$4,000,000	Frelinghuysen
RDT&A	Highly Integrated Production for Expediting Reset		\$2,500,000	Brown (SC); Altmore; Rogers (AL); Wilson (SC)
RDT&A	High-Volume Manufacturing Development for Thin-film Lithium Stack Battery Technologies		\$1,000,000	Honda; Carter
RDT&A	HIV Prevention and Reducing Risk to US Military Personnel		\$3,000,000	Pelosi
RDT&A	Hostile Fire Indicator for Aircraft		\$2,000,000	Holt; Hodes
RDT&A	Human Genomics, Molecular Epidemiology, and Clinical Diagnostics for Infectious Diseases		\$1,500,000	Pastor (AZ)
RDT&A	Human Organ and Tissue Preservation Technology		\$2,000,000	Wilson (SC)
RDT&A	Hybrid Electric Drive All Terrain Vehicle		\$2,000,000	Peters
RDT&A	Hybrid Electric Heavy Truck Vehicle		\$2,000,000	Bartlett
RDT&A	Hybrid Energy Systems Design and Testing		\$2,000,000	Simpson
RDT&A	Hyper Spectral Sensor for Improved Force Protection		\$2,000,000	Akin
RDT&A	Imaging and Cognitive Evaluation of Soldiers		\$800,000	Kilpatrick
RDT&A	Improved HELHOUND 40mm Low Velocity High Explosive Ammunition		\$750,000	Boyd
RDT&A	Improved Thermal Batteries for Guided Munitions		\$3,000,000	Schwartz

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDT&A	Improved Thermal Resistant Nylon for Enhanced Durability and Thermal Protection in Combat Uniforms	\$1,500,000	Castle; Barrett
RDT&A	Improving Soldier Recovery from Catastrophic Bone Injuries	\$4,000,000	Murphy (CT)
RDT&A	Infection Prevention Program for Battlefield Wounds	\$2,000,000	McGovern
RDT&A	Infectious and Airborne Pathogen Reduction	\$2,800,000	Whitfield; Arcuri; Childers; Higgins
RDT&A	Injection Molded Ceramic Body Armor	\$1,000,000	Olver
RDT&A	Ink-based Desktop Electronic Material Technology	\$2,000,000	Frelinghuysen
RDT&A	Institute for Simulation and Interprofessional Studies	\$5,800,000	Dicks; McDermott; McMorris; Rodgers; Smith (WA)
RDT&A	Integrated Defense Technical Information	\$2,000,000	Rogers (KY)
RDT&A	Integrated Family of Test Equipment V6 Product Improvement Program	\$3,000,000	Kingston
RDT&A	Integrated Information Technology Policy Analysis Research and Technology Commercialization and Management Network	\$4,000,000	Lewis (CA)
RDT&A	Integrated Lightweight Tracker System	\$2,000,000	Obey
RDT&A	Integrated Patient Electronic Record System	\$2,000,000	Lee (CA)
RDT&A	Intelligence, Surveillance and Reconnaissance (ISR) Simulation Integration Laboratory	\$2,000,000	Smith (NJ)
RDT&A	Intelligent Energy Control Systems	\$3,000,000	Granger
RDT&A	Intelligent Network-Centric Sensor Development Program	\$1,500,000	Cohen
RDT&A	Intelligent Orthopedic Fracture Implant Program	\$1,000,000	Kildee
RDT&A	Intensive Quenching for Advanced Weapon Systems	\$1,500,000	Sutton; Ryan (OH); Tonko

RDTE-A	Inter Turbine Burner for Turbo Shaft Engines	\$3,000,000	Lewis (CA)
RDTE-A	Internal Base Facility Energy Independence	\$3,200,000	Kaptur
RDTE-A	In-Theater Evaluation of Ballistic Protection	\$1,000,000	Michaud; Pingree (ME)
RDTE-A	IR-Vascular Facial Fingerprinting	\$3,000,000	Moran (VA)
RDTE-A	IUID Data Platform	\$2,500,000	Kennedy
RDTE-A	Jackson Health System Military Trauma Training Enhancement Initiative	\$2,500,000	Meek (FL); Wasserman Schultz
RDTE-A	Javelin Warhead Improvement Program	\$5,000,000	Bright; Brown, Corrine (FL)
RDTE-A	Joint Fires and Effects Trainer System Enhancements	\$2,500,000	Cole; Fallin
RDTE-A	Joint Medical Simulation Technology Center	\$1,600,000	Kosmas
RDTE-A	Joint Munitions and Lethality Mission Integration	\$2,000,000	Frelinghuysen
RDTE-A	Joint Precision AirDrop Systems-Wind Profiling Portable Radar	\$2,300,000	Murtha
RDTE-A	Joint Threat Emitters	\$5,000,000	Kingston
RDTE-A	Laboratory for Engineered Human Protection	\$2,000,000	Fattah
RDTE-A	Large Format Li-Ion Battery	\$600,000	Moore (WI)
RDTE-A	Large-Scale Manufacturing of Revolutionary Nanostructured Materials	\$1,500,000	Moore (WI)
RDTE-A	Lens-Less Dual-Mode Micro Seeker for Medium-Caliber Guided Projectiles	\$2,500,000	Dreier
RDTE-A	Leonard Wood Institute	\$15,000,000	Skelton
RDTE-A	Lifestyle Modifications to Reduce Chronic Disease in Military Personnel	\$1,500,000	Pelosi
RDTE-A	Lightweight 10-meter Antenna Mast	\$2,500,000	Obey
RDTE-A	Lightweight Magnesium Parts for Military Applications	\$2,000,000	Holden

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDT&A	Lightweight Metal Alloy Foam for Armor	\$4,000,000	Kaptur
RDT&A	Lightweight Munitions and Surveillance System for Unmanned Air and Ground Vehicles	\$4,800,000	Garrett
RDT&A	Lightweight Packaging System for Enhancing Combat Munitions Logistics	\$2,000,000	Frelinghuysen; Rothman
RDT&A	Lightweight Polymer Designs for Soldier Combat Optics	\$1,000,000	Oliver
RDT&A	Lightweight Protective Roofing	\$1,500,000	Moran (VA)
RDT&A	Lightweight, Battery Driven, and Battlefield Deployment Ready NG Feeding Tube Cleaner	\$500,000	Thompson (PA)
RDT&A	Linear Accelerator Cancer Research Project	\$1,000,000	Rangel; Lowey; Maloney
RDT&A	Locating and Tracking Explosive Threats with Wireless Sensors and Networks	\$6,000,000	Emerson
RDT&A	Logistical Fuel Processors Development	\$1,500,000	Bachus; Rogers (AL)
RDT&A	LW25 Gun System and Demonstration	\$3,000,000	Kingston
RDT&A	M109A6 Paladin	\$2,000,000	Rogers (AL)
RDT&A	Maine Center for Toxicology and Environmental Health, Toxic Particles Research and Equipment	\$2,000,000	Pingree (ME)
RDT&A	Maine Institute for Human Genetics and Health	\$2,000,000	Michaud
RDT&A	Malaria Vaccine Development	\$2,000,000	McDermott; Smith (WA)
RDT&A	Manufacturing and Industrial Technology Center	\$500,000	Boyd
RDT&A	Manufacturing Lab for Next Generation Engineers	\$2,000,000	Schock
RDT&A	Mariah Hypersonic Wind Tunnel Development Program	\$4,000,000	Rehberg

R01E.A	Market Viable, Dual-Use, Advanced Energy Storage Solutions Development	\$5,000,000	Hinchey
R01E.A	Marty Driesler Lung Cancer Project	\$2,000,000	Rogers (KY)
R01E.A	Mass Casualty First Responders Disaster Surge Technology Program	\$3,000,000	Pallone; Rothman
R01E.A	Materials Processing and Applications Development Center of Excellence for Industry	\$1,500,000	Bachus
R01E.A	Medical Biosurveillance and Efficiency Program	\$2,000,000	Altmire
R01E.A	Medical Errors Reduction Initiative	\$2,500,000	Rothman
R01E.A	Medium Caliber Metal Parts Upgrade	\$3,100,000	Kanjorski
R01E.A	Micro Inertial Navigation Unit Technology	\$1,500,000	Doyle
R01E.A	Microencapsulation and Vaccine Delivery Research	\$1,000,000	Edwards (TX)
R01E.A	Micromachined Switches in Support of Transformational Communications Architecture	\$3,000,000	Miller, George (CA)
R01E.A	Mid-Infrared Super Continuum Laser	\$1,000,000	Kilpatrick
R01E.A	Midwest Traumatic Injury Rehabilitation Center	\$1,460,000	Ehlers
R01E.A	Military Burn Trauma Research Program	\$2,000,000	Matsui; Lungren
R01E.A	Military Drug Management System	\$3,000,000	Mollohan
R01E.A	Military Family Coping Patterns	\$500,000	Edwards (TX)
R01E.A	Military Fuel Cell Genset Technology Demonstration	\$2,500,000	Bocieri
R01E.A	Military Low Vision Research	\$3,000,000	Lynch; Capuano
R01E.A	Military Mental Health Initiative	\$750,000	Kilpatrick; Dingell
R01E.A	Military Pediatric Training and Support	\$5,000,000	Norton
R01E.A	Mission Hospital Computerized Physician Order Entry	\$1,000,000	Shuler

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDT&A	Mobile Integrated Diagnostic and Data Analysis	\$2,000,000	Adler
RDT&A	Mobile Mesh Network Node	\$2,200,000	Obey
RDT&A	Mobile Power 30 kW System Power Control Unit Development Project	\$1,000,000	Harman
RDT&A	Model for Green Laboratories and Clean Rooms	\$1,500,000	Bishop (GA)
RDT&A	Modeling and Testing of Next Generation Body Armor	\$1,500,000	Rush
RDT&A	Molecular Electronics for Flash Memory Production	\$2,000,000	Lipinski
RDT&A	Montefiore Critical Looking Glass	\$1,500,000	Engel
RDT&A	Mortar Anti-Personnel/Anti-Materiel Technology	\$4,000,000	Rothman
RDT&A	MOTS All Sky Imager	\$1,200,000	Reyes; Rodriguez
RDT&A	Multi-Campus Base Facility Energy Independence	\$4,000,000	Kaptur
RDT&A	Multi-layer Co-extrusion for High Performance Packaging	\$2,000,000	Obey
RDT&A	Multiplexed Human Fungal Infection Diagnostic	\$2,000,000	Frank (MA)
RDT&A	Multi-Utility Materials for Future Combat Systems	\$1,000,000	Herseth; Sandlin; Brown, Corrine (FL); Latham; Meek
RDT&A	Musculoskeletal Interdisciplinary Research Initiative	\$2,000,000	Bilirakis
RDT&A	Myositis Association—exposure to environmental toxins	\$1,250,000	Israel
RDT&A	Nano Advanced Cluster Energetics	\$2,000,000	Frelinghuysen
RDT&A	Nanocrystal Source Display	\$950,000	Markey (MA)

R07E-A	Nanofiber Based Synthetic Bone Repair Device for Limb Salvage	\$1,000,000	Wamp
R07E-A	Nanofluid Coolants	\$500,000	Davis (KY)
R07E-A	Nano-imaging Agents for Early Disease Detection	\$1,000,000	Green, Al (TX); Culberson
R07E-A	Nanomanufacturing of Multifunctional Sensors	\$2,000,000	Tsongas
R07E-A	Nanophotonic Biosensor Detection of Bioagents and Pathogens	\$1,900,000	Kingston; Bishop (GA)
R07E-A	Nanotechnology for Potable Water and Waste Treatment	\$2,000,000	Sutton; Murphy, Tim (PA)
R07E-A	Nanotechnology Fuze	\$2,000,000	Obey
R07E-A	Nanotechnology-Enabled Self-Healing Anti-Corrosion Coating Products	\$2,000,000	Holt
R07E-A	National Biodefense Training Center	\$5,000,000	Oison
R07E-A	National Center for Defense Manufacturing and Machining	\$2,000,000	Murphy, Tim (PA)
R07E-A	National Eye Evaluation and Research Network	\$3,000,000	Lewis (CA); Sarbanes
R07E-A	National Functional Genomics Center	\$6,000,000	Bilirakis; Castor (FL); Young (FL)
R07E-A	National Oncogenomics and Molecular Imaging Center	\$5,950,000	Kipatrick
R07E-A	NAU-TGen North Dangerous Pathogens DNA Forensics Center Upgrades	\$2,000,000	Kirkpatrick
R07E-A	Near Infrared Spectroscopy Military Personnel Assessment	\$1,000,000	Castor (FL)
R07E-A	Networked Reliability and Safety Early Evaluation System	\$2,000,000	Dent
R07E-A	Neural Control of External Devices	\$1,000,000	Kennedy
R07E-A	Neuroimaging and Neuropsychiatric Trauma in US Warfighters	\$6,250,000	Pelosi
R07E-A	Neuro-Performance Research	\$2,000,000	Moran (VA)
R07E-A	Neuroscience Research Consortium to Study Spinal Cord Injury	\$1,500,000	Diaz-Balart, Lincoln (FL); Ros-Lehtinen; Wasserman Schultz

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R01E-A	New York Medical College Bioterrorism Research	\$165,000	Lowey
R01E-A	Next Generation Communications System	\$1,000,000	Altmire
R01E-A	Next Generation Green, Economical and Automated Production of Composite Structures for Aerospace	\$1,000,000	Grijalva
R01E-A	Next Generation Machining Technology and Equipment	\$2,000,000	Murphy (NY)
R01E-A	Next Generation Precision Airdrop System	\$2,500,000	Larson (CT)
R01E-A	Next Generation Wearable Video Capture System	\$1,000,000	Stupak
R01E-A	Nicholson Center for Surgical Advancement Medical Robotics and Simulation	\$5,250,000	Grayson
R01E-A	Night Vision and Electronic Sensors Directorate	\$2,500,000	Oliver
R01E-A	Non-Leaching Antimicrobial Surface for Orthopedic Devices	\$1,500,000	Capuano
R01E-A	Northern Illinois Proton Treatment and Research Center	\$3,500,000	Foster
R01E-A	Novel Zinc Air Power Sources for Military Applications	\$2,500,000	Rogers (AL)
R01E-A	Nurse Education Center of Excellence for Remote and Medically Underserved Populations	\$2,000,000	Shuster
R01E-A	Nursing Teaching and Leadership Program	\$1,000,000	McDermott
R01E-A	OMNI Active Vibration Control System	\$3,000,000	Dahlkemper
R01E-A	ONAMI Miniaturized Tactical Energy Systems Development	\$2,500,000	Schrader; Blumenauer; Defazio; Walden; Wu
R01E-A	One-Step JP-8 Bio-Diesel Fuel	\$2,000,000	Obeys
R01E-A	Operating Room of the Future	\$2,500,000	Berman

RDTE-A	Operation Re-Entry NC	\$3,000,000	Butterfield
RDTE-A	Optimization of the US Army Topographic Data Management Enterprise	\$2,600,000	Murtha; Moran (VA)
RDTE-A	Optimizing Natural Language Processing of Open Source Intelligence	\$1,500,000	Bishop (UT)
RDTE-A	Organic Semiconductor Modeling and Simulation	\$1,100,000	Gohmert
RDTE-A	Pacific Command Renewable Energy Security Systems	\$3,000,000	Abercrombie
RDTE-A	Parsons Institute for Information Mapping	\$1,500,000	Nadler
RDTE-A	Pediatric Cancer Research and Clinical Trials	\$2,000,000	Ryan (OH); Culberson; Rothman; Van Hollen
RDTE-A	Perpetually Available and Secure Information Systems	\$4,000,000	Doyle
RDTE-A	Personal Miniature Thermal Viewer	\$1,000,000	Michaud
RDTE-A	Personal Status Monitor	\$1,000,000	Maffei; McHugh
RDTE-A	Plant-Based Vaccine Research	\$2,500,000	Guthrie
RDTE-A	Plasma Sterilizer	\$3,000,000	Ellison; McCollum
RDTE-A	Plug-in Architecture for DOD Medical Imaging	\$1,500,000	Moran (VA)
RDTE-A	Polymeric Web Run-Flat Tire Inserts for Convoy Protection	\$3,500,000	Obey
RDTE-A	Portable Fuel Cell Power Source	\$3,000,000	Price (NC)
RDTE-A	Portable Low-Volume Therapy for Severe Blood Loss	\$2,000,000	Oberstar
RDTE-A	Portable Mobile Emergency Broadband Systems	\$3,000,000	Gerlach; Sestak
RDTE-A	Portable Sensor for Toxic Gas Detection	\$2,600,000	Granger
RDTE-A	Positron Capture and Storage	\$1,500,000	McMorris Rodgers
RDTE-A	Power Efficient Microdisplay Development for US Army Night Vision	\$3,000,000	Hall (NY)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDT&E-A	Prader Willi Syndrome Research	\$2,000,000	Royce
RDT&E-A	Precision Guidance Kit Technology Development	\$7,500,000	Molohan; Bartlett
RDT&E-A	Precision Guided Airdropped Equipment	\$1,500,000	Velazquez; Towns
RDT&E-A	Predictive Casting Process Modeling for Rapid Production of Critical Defense Components	\$2,000,000	Hall (TX)
RDT&E-A	PrideCenter for America's Wounded Veterans	\$2,000,000	Berry
RDT&E-A	Printed and Conformal Electronics for Military Applications	\$2,000,000	Mitchell; Lance; Lofgren; Ryan (OH); Schakowsky; Tonko
RDT&E-A	Project National Shield Integration Center	\$1,500,000	Capito
RDT&E-A	Protective 3-D Armor Structure to Safeguard Military Vehicles and Troops	\$2,000,000	Levin
RDT&E-A	Protective Gear Development through Man-In-Stimulant-Test Chamber	\$1,000,000	Etheridge; Miller (NC)
RDT&E-A	Protein Hydrogel for Surgical Repair of Battlefield Injuries	\$1,000,000	Gingrey (GA)
RDT&E-A	Qualification and Insertion of New High Temperature Domestic Sourced PES for Military Aircraft	\$3,000,000	Johnson, Eddie Bernice (TX)
RDT&E-A	Rapid Insertion of Developmental Technologies into Fielded Systems	\$2,000,000	Frelinghuysen; Sires
RDT&E-A	Rapid Response Force Projection Systems	\$2,000,000	Rothman
RDT&E-A	Rapid Wound Healing Cell Technology	\$2,500,000	Doyle
RDT&E-A	Rare Earth Mining Separation and Metal Production	\$3,000,000	Lewis (CA)
RDT&E-A	RDT&E for the Family of Heavy Tactical Vehicles (FHV)	\$2,000,000	Kagen
RDT&E-A	Reactive Materials	\$1,500,000	Barton

RDT&E-A	Recovery, Recycle, and Reuse of DOE Metals for DoD Applications	\$2,400,000	Granger
RDT&E-A	Reduced Manning Situational Awareness	\$5,000,000	Young (FL)
RDT&E-A	Reducing First Responder Casualties with Physiological Monitoring	\$1,500,000	Hodes
RDT&E-A	Regenerative Medicine Research	\$2,000,000	Michaud
RDT&E-A	Reliability and Affordability Enhancement for Precision Guided Munition Systems	\$6,000,000	Frelinghuysen
RDT&E-A	Remote Bio-Medical Detector	\$3,500,000	Murtha
RDT&E-A	Remote Environmental Monitoring and Diagnostics in the Perishables Supply Chain	\$2,750,000	Stearns
RDT&E-A	Remote Explosive Analysis and Detection System	\$1,000,000	Griffith
RDT&E-A	Renewable Energy Testing Center	\$1,000,000	Matsui; Lungren
RDT&E-A	Research to Develop Strategies to Improve Prognosis of Soldiers Suffering Abdominal Trauma	\$2,000,000	Yarmuth
RDT&E-A	Research to Treat Cancerous Brain Tumors using Neural Stem Cells	\$2,000,000	Lewis (CA)
RDT&E-A	Rocket Motor Contained System	\$1,000,000	Heller
RDT&E-A	Ruggedized Military Laptop Fuel Cell Power Supply- Project Phase 3	\$4,000,000	Brown, Corrine (FL); Crenshaw
RDT&E-A	Rural Health Center of Excellence for Remote and Medically Underserved Populations	\$2,000,000	Shuster
RDT&E-A	Scaleable Efficient Power for Armament Systems and Vehicles Dual Use	\$5,000,000	Rothman
RDT&E-A	School of Nursing Advancement	\$2,000,000	Pelosi
RDT&E-A	Science, Technology, Engineering, Mathematics (STEM) at Coppin University	\$1,000,000	Cummings
RDT&E-A	Secure Open Source Initiative	\$3,000,000	Price (NC); Miller (NC)
RDT&E-A	Self Powered Prosthetic Limb Technology	\$2,000,000	Thompson (PA)
RDT&E-A	Self-Powered Sensor System for Munition Guidance and Health Monitoring	\$2,000,000	Holt

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R01E-A	Sensor Tape Physiological Monitoring	\$2,500,000	Bishop (GA)
R01E-A	Shared Vision	\$3,000,000	Latham
R01E-A	SHARK Precision Guided Artillery Round—105mm	\$5,000,000	Young (FL)
R01E-A	Silent Watch, IB NPS 1160 Lithium-Ion Advanced Battery	\$1,000,000	Dent
R01E-A	Silver Fox and Manta Unmanned Aerial Systems	\$2,000,000	Franks (AZ)
R01E-A	Smart Machine Platform Initiative	\$3,000,000	Driehaus; Tonko
R01E-A	Smart Oil Sensor	\$3,000,000	Thompson (PA)
R01E-A	Smart Plug-In Hybrid Vehicle Program	\$4,100,000	Kipatrick; Conyers; Dingell; Rogers (MI)
R01E-A	Smart Wound Dressing for MRSA Infected Battlefield Wounds	\$1,000,000	Driehaus; Cummings; Ruppertsberger; Scott (VA)
R01E-A	Soldier Personal Cooling System	\$1,200,000	Kosmas
R01E-A	Soldier Protection through Unmanned Ground Vehicles	\$1,500,000	Nye
R01E-A	Soldier Situational Awareness Wristband	\$1,400,000	Capuano
R01E-A	Solid Oxide Fuel Cell Powered Tactical Charger	\$1,200,000	Maffei
R01E-A	Solid State Processing of Titanium Alloys for Advanced Material Armaments	\$1,500,000	Kaptur; LaTourette
R01E-A	Specialized Compact Automated Mechanical Clearance Platform	\$4,000,000	Murphy; Patrick (PA)
R01E-A	Spectroscopic Materials Identification Center	\$2,000,000	Berry
R01E-A	Spinal Cord Restoration Therapies	\$1,000,000	Hoyer; Cummings; Ruppertsberger

RDT&E-A	Spinal Muscular Atrophy Research Program	\$3,000,000	Pelosi; Nadler; Rangel
RDT&E-A	Standard Ground Station—Enhancement Program	\$2,500,000	Lance; Rothman
RDT&E-A	Standoff Improvised Explosive Detection Program	\$6,000,000	Boyd; Berry; Brown; Corrine (FL); Hirono; Meek
RDT&E-A	Stress Disorders Research Initiative at Fort Hood	\$3,000,000	Edwards (TX)
RDT&E-A	Superlattice Semiconductors for Mobile SS Lighting and Solar Power Applications	\$3,500,000	Hinchee
RDT&E-A	Surveillance Augmentation Vehicle	\$1,500,000	Childers
RDT&E-A	Sustainable Alternative Energy	\$2,000,000	Obey
RDT&E-A	Synchrotron-Based Scanning Research Neuroscience and Proton Institute	\$6,000,000	Lewis (CA)
RDT&E-A	Tactical Cogeneration System	\$1,000,000	Hastings (WA)
RDT&E-A	Tactical Metal Fabrication System (TacFab)	\$1,000,000	Turner; Adler; Andrews; Cole; Lance; Markey (MA); Ryan (OH); Tsongas
RDT&E-A	Tactical Overwatch High Altitude System	\$1,000,000	Griffith
RDT&E-A	Tamper Proof Organic Packaging as Applied to Remote Armament Systems	\$6,000,000	Hinchee
RDT&E-A	Techniques to Manage Noncompressible Hemorrhage Following Combat Injury	\$2,500,000	Smith (TX); Carter; Gonzalez; Rodriguez
RDT&E-A	Technologies for Military Equipment Replenishment	\$2,000,000	Obey
RDT&E-A	Technology Development at the Quad Cities Manufacturing Laboratory	\$2,000,000	Hare
RDT&E-A	Technology Solutions for Brain Cancer Detection and Treatment	\$1,500,000	Cohen
RDT&E-A	Telepharmacy Robotic Medicine Device Unit	\$1,000,000	Brady (PA)
RDT&E-A	Terahertz Sensing and Imaging Technology	\$2,000,000	Boozman
RDT&E-A	Testing of Microneedle Device for Multiple Applications	\$1,200,000	Baldwin

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R01E-A	Threat Detection and Neutralization	\$4,000,000	Mollohan
R01E-A	Tire to Track Transformer System for Light Vehicles	\$2,000,000	Peterson
R01E-A	Titanium Powder Advanced Forged Parts Program	\$3,800,000	Murtha
R01E-A	Translational Research for Muscular Dystrophy	\$2,000,000	Michaud; Pingree (ME)
R01E-A	Transportable Renal Replacement Therapy for Battlefield Applications	\$1,000,000	Altmire
R01E-A	Treatment of Battlefield Spinal Cord and Burn Injuries	\$450,000	Wu; Baird; Blumenauer; Schrader
R01E-A	Tungsten Heavy Alloy Penetrator and Warhead Development	\$1,500,000	Carney
R01E-A	Turbo Fuel Cell Engine	\$4,000,000	Murtha
R01E-A	UH-60 Transmission/Gearbox Galvanic Corrosion Reduction	\$1,500,000	Kissell
R01E-A	Ultra Light Metallic Armor	\$1,000,000	Costello
R01E-A	Ultra Light Weight Transmissions	\$2,000,000	Schauer
R01E-A	Understanding Blast Induced Brain Injury	\$3,000,000	Fortenberry
R01E-A	Universal Control	\$2,500,000	Larson (CT)
R01E-A	University Center for Disaster Preparedness and Emergency Response	\$1,500,000	Pallone; Holt
R01E-A	University of Miami Ryder Trauma Center/William Lehman Injury Research Center	\$4,000,000	Diaz-Balart, Lincoln (FL)
R01E-A	Unmanned Hybrid Projectiles	\$3,000,000	Larson (CT); Courtney
R01E-A	Unmanned Robotic System Utilizing a Hydrocarbon Fueled Solid Oxide Fuel Cell System	\$3,000,000	Dingell

RDTE-A	Unmanned System Algorithm Development	\$4,000,000	Mollohan
RDTE-A	Vanadium Safety Readiness	\$4,200,000	Dahlkemper; Paul; Space
RDTE-A	Vanadium Technology Program	\$3,000,000	Wilson (SC)
RDTE-A	Video Compression Technology	\$2,000,000	Holt
RDTE-A	Vision Integrating Strategies in Ophthalmology and Neurochemistry	\$4,000,000	Granger
RDTE-A	Voice Recognition and Cross Platform Speech Interface System	\$2,500,000	Shuster
RDTE-A	VTOL Man-Rated UAV and UGV for Medical Multi-Missions and CASEVAC	\$1,000,000	Harman
RDTE-A	Waterside Wide Area Tactical Coverage and Homing	\$4,000,000	Aderholt
RDTE-A	Westchester County Medical Center Health Imaging Upgrades	\$1,500,000	Lowey
RDTE-A	Wireless HUMS for Condition Based Maintenance of Army Helicopters	\$2,000,000	Rothman
RDTE-A	Wireless Medical Monitoring System	\$3,000,000	Boswell; Latham; Miller; Gary (CA)
RDTE-A	Womens Cancer Genomics Center	\$3,000,000	McCarthy (NV); Lowey
RDTE-A	Wounded Servicemember Bioelectronics Research	\$1,500,000	Nye
RDTE-A	Zinc-Flow Electrical Energy Storage	\$2,500,000	Johnson (IL)
RDTE-A	Zumwalt National Program for Countermeasures to Biological and Chemical Threats	\$1,500,000	Neugebauer
RDTE,AF	3D Bias Woven Perform Development	\$3,000,000	Schwartz; Geflach; Sestak
RDTE,AF	Accelerated Insertion of Advanced Materials and Certification for Military Aircraft Structure Material Substitution and Repair	\$2,500,000	Tiaht
RDTE,AF	Accelerator-Driven Non-Destructive Testing	\$2,000,000	Simpson
RDTE,AF	Advance Propulsion Non-Tactical Vehicle	\$2,000,000	Massa
RDTE,AF	Advanced Aerospace Heat Exchangers	\$750,000	Wilson (OH)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDTE,AF	Advanced Deformable Mirrors for High Energy Laser Weapons	\$2,000,000	Heinrich
RDTE,AF	Advanced Electromagnetic Location of IEDs Defeat System	\$1,500,000	Kaplar
RDTE,AF	Advanced Electronic Components for Sensor Arrays	\$3,000,000	Young (FL)
RDTE,AF	Advanced Lithium Battery Scale-up and Manufacturing	\$2,000,000	Scott (GA); Bishop (GA); Johnson (GA)
RDTE,AF	Advanced Modular Avionics for Operationally Responsive Satellite Use	\$3,100,000	Heinrich
RDTE,AF	Advanced Vehicle Propulsion Center	\$3,000,000	McKeon
RDTE,AF	Aerospace Lab Equipment Upgrade	\$1,500,000	Napolitano
RDTE,AF	Aerospace Laser Micro Engineering Station	\$1,000,000	Wittman; Nye; Scott (VA)
RDTE,AF	AFRL Edwards Rocket Test Stand 2-A Technical Improvements	\$1,500,000	McCarthy (CA)
RDTE,AF	ALC Logistics Integration Environment	\$1,000,000	Shuster
RDTE,AF	Algal-Derived Jet Fuel for Air Force Applications	\$3,000,000	LaFourrette
RDTE,AF	AT-6B Demonstration for AMG	\$7,000,000	Tiaht
RDTE,AF	B-1 AESA Radar Operational Utility Evaluation	\$1,000,000	Herseht Sandlin
RDTE,AF	B-2 Advanced Tactical Data Link	\$6,000,000	McKeon
RDTE,AF	B-52 Tactical Data Link Capability	\$6,000,000	Tiaht
RDTE,AF	Ballistic Missile Technology	\$2,000,000	Young (FL)
RDTE,AF	Base Facility Energy Independence, Stewart Air National Guard Base	\$5,000,000	Hinchee

RDTE,AF	BATMAV Program Miniature Digital Data Link	\$2,000,000	Young (FL)
RDTE,AF	Big Antennas Small Structures Efficient Tactical UAV	\$2,000,000	Harman
RDTE,AF	Bio-JP8 Fuel Development	\$5,000,000	Boyd
RDTE,AF	Body Armor Improved Ballistic Protection, Research and Development	\$2,200,000	Murtha
RDTE,AF	Carbon Nano-Materials for Advanced Aerospace Applications	\$1,000,000	Culberson
RDTE,AF	Carbon Nanotube Enhanced Power Sources for Space	\$2,000,000	Markey (MA)
RDTE,AF	Center for Solar Electricity and Hydrogen	\$5,000,000	Kaptur
RDTE,AF	Center for Space Entrepreneurship	\$2,000,000	Polis
RDTE,AF	Center for UAS Research, Education and Training Infrastructure	\$3,000,000	Pomeroy
RDTE,AF	Close Proximity Space Situational Awareness	\$1,000,000	Edwards (TX)
RDTE,AF	Command and Control Service Level Management (C2SLM) Program	\$4,000,000	Blunt
RDTE,AF	Corrosion Detection and Visualization Program	\$1,000,000	Smith (WA)
RDTE,AF	COTS Technology for Space Command and Control	\$2,000,000	Gerlach
RDTE,AF	Cyber Attack and Security Environment	\$4,000,000	McHugh; Arcuri
RDTE,AF	Cyber Security Research Program	\$1,500,000	Alexander
RDTE,AF	Demonstration and Validation of Renewable Energy Technology	\$1,000,000	Bishop (GA)
RDTE,AF	Development and Testing of Advanced Hybrid Rockets for Space Applications	\$3,500,000	Loftgren
RDTE,AF	Distributed Mission Interoperability Toolkit (DMIT)	\$4,000,000	LoBlondor; Andrews; Sestak
RDTE,AF	Domestic Manufacturing of 45mm Electronics	\$2,000,000	Simpson
RDTE,AF	Efficient Utilization of Transmission Hyperspace	\$2,500,000	Arcuri

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDT&E,AF	Eglin AFB Range Operations Control Center	\$2,500,000	Miller (FL)
RDT&E,AF	Electromagnetic Battlespace Management	\$2,000,000	Edwards (TX)
RDT&E,AF	EMI Grid Fabrication Technology	\$3,000,000	Bono Mack
RDT&E,AF	Energy and Sensor Informatics Research and Translation	\$1,000,000	Lee (NY)
RDT&E,AF	Fine Water Mist Fire Suppression Technology to Replace Halon	\$2,500,000	Boyd
RDT&E,AF	Florida National Guard Total Force Integration	\$3,000,000	Young (FL)
RDT&E,AF	Frank R. Seaver Science and Engineering Initiative	\$2,200,000	Waters
RDT&E,AF	Gallium Nitride (GaN) Microelectronics and Materials	\$2,000,000	Coble
RDT&E,AF	GAPS/AWS Horizontal Integration	\$5,000,000	Murtha
RDT&E,AF	Hawaii Microalgae Biofuel Project	\$4,400,000	Hirono
RDT&E,AF	High Bandwidth, High Energy Storage, Exawatt Laser Glass Development	\$3,500,000	Kanjorski
RDT&E,AF	High Energy Li-Ion Technology for Aviation Batteries	\$1,500,000	Bishop (GA)
RDT&E,AF	High Pressure Pure Air Generator System	\$2,000,000	Frelinghuysen
RDT&E,AF	Hybrid Bearings	\$1,000,000	Shuler; Coble; Wilson (OH)
RDT&E,AF	Hybrid Nanoparticle-based Coolant Technology Development and Manufacturing	\$1,000,000	Dent
RDT&E,AF	Institute for Science and Engineering Simulation	\$4,500,000	Burgess
RDT&E,AF	Integrated Engine Starter/Generator	\$2,000,000	Turner

RDTE,AF	Integrated Passive Electronic Components	\$1,700,000	Simpson
RDTE,AF	Integrated Propulsion Analysis and Spacecraft Engineering Tools (IPAT/ISSET)	\$6,000,000	Lewis (CA)
RDTE,AF	Inter-Base Facility Energy Independence	\$3,000,000	Kaptur
RDTE,AF	Large Area, APVT Materials Development for High Power Devices	\$2,000,000	Frelinghuysen
RDTE,AF	Laser Peening for Friction Stir Welded Aerospace Structures	\$2,000,000	Traht
RDTE,AF	Long-Loiter, Load Bearing Antenna Platform for Pervasive Airborne Intelligence	\$5,000,000	Blunt
RDTE,AF	Low-Defect Density Gallium Nitride Materials for High-Performance Electronic Devices	\$3,500,000	Price (NC)
RDTE,AF	Micromachined Switches for Next Generation Modular Satellites	\$3,000,000	Miller, George (CA)
RDTE,AF	Micro-Satellite Serial Manufacturing to Include Academic Outreach Educational Program	\$1,500,000	Harman
RDTE,AF	Minuteman III Advanced Third Stage Domestic Fiber Motor Case Development	\$3,000,000	Lungren
RDTE,AF	Mission Design and Analysis Tool	\$2,000,000	Kingston
RDTE,AF	Mitigating RoHS Lead-Free Issues in Aerospace Circuit Board Manufacturing	\$1,000,000	Kaptur; Sulton
RDTE,AF	Multilingual Text Mining Platform for Intelligence Analysis	\$1,000,000	Lee (NY)
RDTE,AF	Multi-Mode Propulsion Phase IIA: High Performance Green Propellant	\$2,000,000	Kratovil
RDTE,AF	Multiple UAS Cooperative Concentrated Observation and Engagement Against a Common Ground Objective	\$2,000,000	Bartlett
RDTE,AF	National Test Facility for Aerospace Fuels Propulsion	\$1,640,000	Buyer
RDTE,AF	Net-Centric Sensor Grids	\$3,000,000	Hill
RDTE,AF	Nuclear Enterprise Surety Tracking	\$5,000,000	Fleming
RDTE,AF	ONAMI Safer Nanomaterials and Nanomanufacturing	\$2,000,000	Defazio; Blumenauer; Schrader; Walden; Wu
RDTE,AF	Open Source Research Centers	\$1,000,000	Turner

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDTE,AF	Partnership for Energy and Automation Technologies	\$2,000,000	Duncan
RDTE,AF	Pennsylvania NanoMaterials Commercialization Center	\$1,000,000	Doyle
RDTE,AF	Planar Lightwave Circuit Development for High Power Military Laser Applications	\$3,000,000	Lance; Rothman
RDTE,AF	Predator C	\$1,500,000	Bilbray; Hunter; McKeen
RDTE,AF	Process Integrated Mechanism for Human-Computer Collaboration and Coordination	\$1,000,000	Stearns
RDTE,AF	Production of Nanocomposites for Aerospace Applications	\$2,000,000	Turner
RDTE,AF	Reconfigurable Secure Computing	\$2,000,000	Moran (VA)
RDTE,AF	Reconstitution of B-52 Nuclear Capability Study	\$3,000,000	Fleming
RDTE,AF	Remote Language-Independent Suspect Identification	\$3,200,000	Alexander
RDTE,AF	Renewable Hydrocarbon Fuels for Military Applications	\$2,500,000	Kucinich; Kaptur
RDTE,AF	Rivet Joint Services Oriented Architecture	\$2,500,000	Hall (TX)
RDTE,AF	Safeguarding End-User Military Software	\$1,500,000	Fortenberry
RDTE,AF	Senior Scout Communications Intelligence (COMINT) Capability Upgrade	\$3,000,000	Andrews; LoBlondo
RDTE,AF	Small Responsive Spacecraft at Low-Cost	\$3,000,000	Bishop (UT)
RDTE,AF	Small Turbofan Versatile Affordable Advanced Turbine Engine Program	\$4,000,000	Pastor (AZ)
RDTE,AF	Synthetic Liquid Fuels	\$3,000,000	Young (AK)
RDTE,AF	Technical Order Modernization Environment	\$1,500,000	Kaptur

RDTE,AF	Texas Research Institute for Environmental Studies	\$1,000,000	Rodriguez
RDTE,AF	Thermal and Energy Management for Aerospace	\$4,000,000	Manzullo
RDTE,AF	Ultra-High Temperature Materials for Hypersonic Aerospace Vehicles	\$3,000,000	Emerson
RDTE,AF	Unmanned Aerial Systems Mission Planning and Operation Center	\$3,500,000	Moran (KS)
RDTE,AF	Unmanned Sense, Track, and Avoid Radar	\$2,000,000	Lamborn
RDTE,AF	Watchkeeper	\$2,000,000	Rehberg
RDTE,AF	Wavelength Agile Spectral Harmonic Oxygen Sensor and Cell-Level Battery Controller	\$1,500,000	Dreier
RDTE,AF	Wire Integrity Technology	\$2,000,000	Marshall; Bishop (GA)
RDTE,DW	3-D Electronics and Power	\$6,000,000	Calvert
RDTE,DW	3-D Technology for Advanced Sensor Systems	\$2,000,000	Simpson
RDTE,DW	Active Duty Training and Education Program	\$2,000,000	Cyburn
RDTE,DW	Advanced Battery Technology	\$2,000,000	Young (FL)
RDTE,DW	Advanced Decision Support System	\$2,500,000	Rothman; Payne
RDTE,DW	Advanced Development of Antiviral Prophylactics and Therapeutics	\$3,000,000	Pelosi
RDTE,DW	Advanced Development of Mobile Rapid Response Prototypes	\$2,000,000	Rothman
RDTE,DW	Advanced Scientific Missile Intelligence Preparation of the Battlespace	\$2,500,000	Griffith
RDTE,DW	Advanced Technologies Sensors and Payloads/Unattended SIGINT Node	\$6,000,000	Lewis (CA)
RDTE,DW	Advanced, Long Endurance Unattended Ground Sensor Technologies	\$2,000,000	Harper; Childers; Taylor
RDTE,DW	AELED JEDWMD Electronic Signature Detection	\$6,000,000	Murtha
RDTE,DW	AESA Technology Insertion Program	\$3,000,000	Ackerman; McCarthy (NY)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R01E,DW	Affordable Miniature FOPEN Radar for Special Operations Craft—Riverine (SOC-R)	\$3,500,000	Murtha
R01E,DW	Affordable Robust Mid-Sized Unmanned Ground Vehicle	\$2,000,000	Tsongas
R01E,DW	Aging Systems Sustainment and Enabling Technologies	\$3,000,000	Lucas
R01E,DW	Alternative SOF Submersible Concept Design Study	\$1,000,000	Scalise
R01E,DW	American Museum of Natural History Infectious Disease Research	\$1,500,000	Lowey, Nadler
R01E,DW	Automated Sample Preparation for Biological Detection	\$1,000,000	Slaughter, Bartlett
R01E,DW	Autonomous Control and Video Sensing for Robots	\$1,000,000	Lee (NY)
R01E,DW	Autonomous Machine Vision for Mapping and Investigation of Remote Sites	\$2,000,000	Davis (CA)
R01E,DW	Battle-Proven Packbot	\$1,500,000	Tierney
R01E,DW	BioButanol Production Research	\$2,000,000	Clyburn
R01E,DW	Biological and Chemical Warfare Online Repository of Technical Holdings	\$2,000,000	Hastings (WA)
R01E,DW	Biometric Optical Surveillance System	\$5,000,000	Guthrie
R01E,DW	Botulinum Neurotoxin Research	\$2,500,000	Baldwin
R01E,DW	Botulinum Toxin Treatment Therapy	\$1,000,000	Bishop (GA)
R01E,DW	Broad Spectrum Therapeutic Countermeasure to OP Nerve Agents	\$2,000,000	DeLauro
R01E,DW	California Enhanced Defense Small Manufacturing Suppliers Program	\$2,000,000	Roybal-Allard
R01E,DW	Carbon Nanotube Thin Film Near Infrared Detector	\$2,000,000	Lewis (CA)

RDTE,DW	CBRN Detection Unmanned Aircraft	\$2,000,000	Young (FL)
RDTE,DW	Cellulosic—Derived Biofuels Research	\$3,000,000	Chandler
RDTE,DW	Center for Nonproliferation Studies, Monterey Institute for International Affairs	\$2,000,000	Berman
RDTE,DW	Center for Research on Minority Health Prostate Cancer Outreach Project	\$1,000,000	Jackson-Lee (TX); Green, Al (TX)
RDTE,DW	Chemical and Biological Agent Fate Appropriate Response Operational Tool	\$2,000,000	Kildee
RDTE,DW	Chemical and Biological Defense Program—Advanced Development	\$2,000,000	Baldwin
RDTE,DW	Chemical and Biological Resistant Clothing	\$2,000,000	Sestak; Gerlach
RDTE,DW	Chemical and Biological Threat Reduction Coating	\$3,000,000	Barrett
RDTE,DW	Comprehensive and Integrated Procedures for Risk Assessment and Resource Allocation	\$2,500,000	Brady (PA)
RDTE,DW	Comprehensive Maritime Domain Awareness	\$4,000,000	Young (FL)
RDTE,DW	Copper-Base Casting Technology Applications	\$2,000,000	Perlmutter
RDTE,DW	Corrosion Resistant Ultrahigh-Strength Steel for Landing Gear	\$2,000,000	Schakowsky
RDTE,DW	Corrosion Training Simulation Program	\$1,500,000	Oberstar
RDTE,DW	Countermeasures to Chemical and Biological Controls—Rapid Response	\$3,500,000	Young (FL)
RDTE,DW	Countermeasures to Combat Protozoan Parasites (Toxoplasmosis and Malaria)	\$2,000,000	Young (FL)
RDTE,DW	Counterproliferation Analysis and Planning System	\$5,000,000	McNemy; Tauscher
RDTE,DW	Covert Waveform for Software Defined Radios	\$1,000,000	Gingrey (GA)
RDTE,DW	Cybersecurity and Operational Identity Management	\$2,000,000	Farr
RDTE,DW	Detection and Remediation of Bio/Chemical Weapons Program	\$2,000,000	Clyburn
RDTE,DW	Distributed Network Switching and Security	\$2,000,000	Sanchez, Loreita (CA)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R0TE,DW	DLA VetBiz Initiative for National Sustainment	\$1,000,000	Sarbanes
R0TE,DW	End to End Semi Fab Alpha Tool	\$2,000,000	Sanchez, Loretta (CA)
R0TE,DW	Enhancement of Geo-location Systems	\$4,000,000	Posey
R0TE,DW	Environmentally Friendly Nanometal Electroplating Processes for Cadmium and Chromium Replacement	\$3,000,000	Obey
R0TE,DW	Facility Security Using Tactical Surveys	\$4,500,000	Lewis (CA)
R0TE,DW	Feature Size Yield Enhancement Advanced Reconfigurable Manufacturing for Semiconductors Foundry	\$3,000,000	Lungren; Matsui
R0TE,DW	Field Experiment Program for Special Operations	\$2,000,000	Farr
R0TE,DW	FirstLink Technology Transfer Program	\$3,000,000	Murtha
R0TE,DW	Flashlight Soldier-to-Soldier Combat Identification System	\$4,500,000	Granger; Rodriguez
R0TE,DW	GMTI Radar for Class II UAVs	\$1,000,000	Moran (VA)
R0TE,DW	Gulf Range Mobile Instrumentation Capability	\$3,000,000	Miller (FL)
R0TE,DW	Hand-Held Apparatus for Mobile Mapping and Expedited Reporting	\$3,500,000	Murtha
R0TE,DW	Hand-held, Lethal Small Unmanned Aircraft System	\$1,000,000	Dreier
R0TE,DW	Helicopter Cable Warning and Obstacle Avoidance	\$1,500,000	Harman
R0TE,DW	Heterogeneous Gallium Nitride/Silicon Microcircuit Technology	\$2,000,000	Lungren
R0TE,DW	High Accuracy Network Determination System—Intelligent Optical Networks	\$2,000,000	Abercrombie
R0TE,DW	High Efficiency Solar Energy Generation and Storage	\$1,000,000	Jackson-Lee (TX)

RDT&E,DW	High Speed Optical Interconnects for Next Generation Supercomputing	\$1,500,000	Dent
RDT&E,DW	Hybrid Power Generating System	\$2,000,000	Simpson
RDT&E,DW	Hydrogen Fuel Cell Research	\$4,000,000	Clyburn
RDT&E,DW	HyperAcute Vaccine Development	\$4,500,000	Latham
RDT&E,DW	Improving Support to the Warfighter	\$7,000,000	Lewis (CA)
RDT&E,DW	Independent Advisory Group to Review Ballistic Missile Defense Training Needs	\$500,000	Lamborn
RDT&E,DW	Institute for Collaborative Sciences Research	\$2,600,000	Diaz-Balart, Lincoln (FL); Meek-Wasserman Schultz
RDT&E,DW	Integrated Analysis Environment	\$2,000,000	Moran (VA)
RDT&E,DW	Integrated Cryo-cooled High Power Density Systems	\$4,000,000	Boyd
RDT&E,DW	Integrated Rugged Checkpoint Container	\$2,500,000	Taylor
RDT&E,DW	Intelligence, Surveillance, and Reconnaissance Global Sensors Architecture (ISR-GSA)	\$2,000,000	Young (FL)
RDT&E,DW	Intelligent Remote Sensing for Urban Warfare Operations II	\$1,500,000	Sestak
RDT&E,DW	Joint Gulf Range Complex Test and Training	\$3,000,000	Miller (FL)
RDT&E,DW	Joint Robotics Training Program	\$2,000,000	Clyburn
RDT&E,DW	Joint Services Aircrew Mask Don/Doff Inflight Upgrade	\$1,500,000	Castle
RDT&E,DW	Laboratory for Advanced Photonic Composites Research	\$1,600,000	Barrett
RDT&E,DW	Laser Ablation Resonance Ionization Mass Spectrometer	\$3,000,000	Polis
RDT&E,DW	Lifetime Power for Wireless Control Sensors	\$1,000,000	Altmire
RDT&E,DW	Lithium-ion Battery Safety Detection and Control of Impending Failures	\$1,500,000	Carson
RDT&E,DW	Low Cost Stabilized Turret	\$1,000,000	Grenshaw

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R01E,DW	Material, Design and Fabrication Solutions for Advanced SEAL Delivery System External Structural Components	\$2,000,000	Simpson
R01E,DW	MEMS Sensors for Real-Time Sensing of Weaponized Pathogens	\$2,500,000	Biggert; Lipinski
R01E,DW	Military/Law Enforcement Counterterrorism Test Bed	\$3,000,000	Young (FL)
R01E,DW	Miniature Day Night Sight for Crew Served Weapons	\$1,500,000	Sestak
R01E,DW	Miniature Diver and Altitude Controls System Thruster	\$2,000,000	McKeon
R01E,DW	Miniaturized Chemical Detector for Chemical Warfare Protection	\$2,000,000	McGovern
R01E,DW	Mismatch Repair Derived Antibody Medicines to Treat Staphylococcus-derived Bioweapons	\$1,000,000	Sestak
R01E,DW	Missile Activity and Characteristics—Releasable	\$3,000,000	Perriello
R01E,DW	Modeling and Simulation Standards Study	\$800,000	Forbes
R01E,DW	Moldable Fabric Armor	\$2,800,000	Inglis
R01E,DW	Morehouse College, John H. Hopps Defense Research Scholars Program	\$3,000,000	Lewis (GA); Bishop (GA); Kingston; Scott (GA)
R01E,DW	Mosaic Camera Technology Transition	\$2,000,000	Doyle
R01E,DW	MS GIS Educational and Research Program	\$1,000,000	Lewis (CA)
R01E,DW	Multi-target Shipping Container Interrogation System Mobile Continuous Air Monitor	\$2,000,000	Brown; Corrine (FL)
R01E,DW	National Center for Blast Mitigation	\$1,500,000	Moran (VA)
R01E,DW	National Radio Frequency Research, Development and Technology Transfer	\$5,000,000	Buyer; Ellsworth
R01E,DW	National Terrorism Preparedness Institute, Anti-Terrorism/Counter-Terrorism Technology Development and Training	\$3,500,000	Young (FL)

ROTE,DW	New Drug Targets in Multi-Drug Resistant Bacteria	\$2,000,000	Slaughter
ROTE,DW	Non-Gasoline Burning Outboard Engine	\$1,900,000	Mollohan; Wilson (SC)
ROTE,DW	Northwest Manufacturing Initiative	\$2,500,000	Blumenauer; DeFazio; Schrader; Walden; Wu
ROTE,DW	Optical Surveillance Equipment	\$2,000,000	Duncan
ROTE,DW	Partnership for Defense Innovation Wi-Fi Laboratory Testing and Assessment Center	\$1,500,000	Kissell; Etheridge; McIntyre
ROTE,DW	Personalized Medicine Initiative	\$3,000,000	Edwards (MD)
ROTE,DW	Photovoltaic Ribbon Solar Cell Technology Project	\$3,600,000	Hinchey
ROTE,DW	Portable Device for Latent Fingerprint Identification	\$1,800,000	Smith (WA)
ROTE,DW	Portable Rapid Bacterial Warfare Detection Unit	\$4,000,000	Latham; Boswell
ROTE,DW	Potent Human Monoclonal Antibodies Against BoNT A, B, and E Suited for Mass Production and Treatment of Large Populations	\$1,000,000	Gerlach
ROTE,DW	Progressive Research for Sustainable Manufacturing	\$1,500,000	Rogers (KY)
ROTE,DW	Protective Self-Decontaminating Surfaces	\$2,000,000	Grijalva; Aderholt
ROTE,DW	Radio Frequency Identification Technologies	\$1,000,000	Yarmuth
ROTE,DW	Radio Inter-Operability System	\$2,000,000	Moran (VA)
ROTE,DW	Reduced Cost Supply Readiness	\$1,500,000	Lynch
ROTE,DW	Regenerative Filtration System for CBRN Defense	\$3,000,000	LaTourrette
ROTE,DW	Remote VBIED Detection and Defeat System	\$1,500,000	Doyle
ROTE,DW	Rigid Aeroshell Variable Buoyancy Air Vehicle	\$5,000,000	Sherman; Napolitano
ROTE,DW	Savannah CRIC Training Enabled Maneuver Instrumentation (STEM)	\$4,500,000	Kingston

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R01E,DW	Science, Technology, Engineering and Mathematics (STEM) Initiative	\$2,000,000	Green, Gene (TX); Green, Al (TX); Jackson-Lee (TX)
R01E,DW	Sea Catcher UAS Launch and Recovery System	\$2,000,000	Sarbanes
R01E,DW	Secure, Miniaturized, Hybrid, Free Space, Optical Communications	\$2,000,000	Rothman; Lance
R01E,DW	Security for Critical Communication Networks	\$7,000,000	Rothman; Sires
R01E,DW	Self-decontaminating Polymer System for Chemical and Biological Warfare Agents	\$3,500,000	Blunt
R01E,DW	Semiconductor Photomask Technology Infrastructure Initiative	\$2,000,000	Tauscher
R01E,DW	Solid Oxide Fuel Technology	\$1,000,000	Clyburn
R01E,DW	Spintronics Memory Storage Technology	\$3,500,000	Lewis (CA)
R01E,DW	Superconducting Quantum Information Technology	\$1,000,000	Moore (KS)
R01E,DW	Synchrotron Beamline Experimental Station	\$4,000,000	Clarke; Ackerman; Bishop (NY); McCarthy (NY); Tonko; Towns
R01E,DW	Tactical, Cargo, and Rotary Wing Aircraft Decon	\$2,000,000	LaTourette
R01E,DW	Technology for Shallow Water Special Operation Forces Mobility	\$3,600,000	Boyd
R01E,DW	Thermal Pointer/Illuminator for Force Protection	\$2,000,000	Reichert
R01E,DW	Thurgood Marshall College Fund Defense Leadership and Technology Initiative	\$1,500,000	Bishop (GA)
R01E,DW	Tidewater Full Scale Exercise	\$2,900,000	Forbes
R01E,DW	Total Perimeter Surveillance	\$2,000,000	Schauer

RDTE,DW	Transformer Technology for Combat Submersibles	\$4,500,000	Ros-Lehtinen; Bishop (NY)
RDTE,DW	UAV Directed Energy Weapons Systems Payloads	\$1,000,000	Tiaht
RDTE,DW	UAV Systems and Operations Validation Program	\$2,000,000	Teague
RDTE,DW	UAV/UAS Test Facility	\$3,000,000	Cole
RDTE,DW	Ultra Low Profile EARS Gunshot Localization System	\$1,500,000	Moran (VA)
RDTE,DW	Under-Vehicle Inspection System	\$3,000,000	Young (AK); Bishop (UT)
RDTE,DW	Unified Management Infrastructure System	\$1,000,000	Schakowsky
RDTE,DW	United States Special Operations Command—USSOCOM / STAR-TEC Partnership Program	\$2,000,000	Young (FL)
RDTE,DW	United States Special Operations Command SOCRATES High Assurance Platform Program	\$1,000,000	Young (FL)
RDTE,DW	University Multi-Spectral Laboratories	\$2,500,000	Lucas
RDTE,DW	Wellhead Treatment of Perchlorate Contaminated Wells	\$2,000,000	Baca
RDTE,DW	X-Band/W-Band Solid State Power Amplifier	\$1,000,000	Young (FL)
RDTE,N	76mm Swambuster Capability	\$2,000,000	Crenshaw
RDTE,N	AARGM Counter Air Defense Future Capabilities	\$2,500,000	Mollohan
RDTE,N	Accelerating Fuel Cells Manufacturability	\$2,000,000	Slaughter
RDTE,N	Advanced Battery System for Military Avionics Power Systems	\$2,000,000	Sherman
RDTE,N	Advanced Capability Build 12 and 14	\$2,000,000	Adler
RDTE,N	Advanced Composite Manufacturing for Composite High-Speed Boat Design	\$2,000,000	Pingree (ME)
RDTE,N	Advanced Energetics Initiative	\$4,000,000	Hoyer
RDTE,N	Advanced Fuel Filtration System	\$1,500,000	Neal; Freilinghuysen

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDTE,N	Advanced Linear Accelerator Facility	\$1,200,000	Hill
RDTE,N	Advanced Logistics Fuel Reformer for Fuel Cells (Phase II)	\$3,000,000	DeLauro
RDTE,N	Advanced Manufacturing for Submarine Bow Domes and Rubber Boots	\$2,000,000	Crenshaw
RDTE,N	Advanced Molecular Medicine Initiative	\$1,000,000	Schiff; Dreier
RDTE,N	Advanced Simulation Tools for Composite Aircraft Structures	\$2,000,000	Clay
RDTE,N	Aegis Research and Development	\$5,000,000	Miller, Gary (CA)
RDTE,N	Agile Port and High Speed Ship Technology	\$2,000,000	Sanchez, Linda (CA)
RDTE,N	Aging Military Aircraft Fleet Support	\$2,000,000	Tiahrt
RDTE,N	Air Readiness/Effectiveness Measurement Program	\$2,000,000	Moran (VA); Nye
RDTE,N	ANSIO—25D Integration	\$8,000,000	Murtha
RDTE,N	Arc Fault Circuit Breaker with Arc Location	\$1,000,000	Matheson
RDTE,N	Automated Fiber Optic Manufacturing Initiative for Navy Ships	\$2,500,000	Nye; Tsongas
RDTE,N	Automated Missile Tracking	\$1,000,000	Moran (VA)
RDTE,N	Autonomous Anti-Submarine Warfare Vertical Beam Array Sonar	\$2,000,000	Miller (NC); Coble
RDTE,N	Autonomous Marine Sensors and Networks for Rapid Littoral Assessment	\$3,000,000	Young (FL)
RDTE,N	Autonomous UUV Delivery and Communication System Integration	\$4,500,000	Dicks
RDTE,N	Avionics Life Extension	\$1,000,000	Edwards (TX)

RDTE,N	Bow Lifting Body Project	\$4,000,000	Kagen; Stupak
RDTE,N	Center for Assured Critical Application and Infrastructure Security	\$1,500,000	Johnson (IL)
RDTE,N	Center for Autonomous Solar Power—Supercapacitors for Integrated Power Storage	\$5,000,000	Hinchey
RDTE,N	Center for Commercialization of Advanced Technology	\$2,500,000	Lewis (CA); Davis (CA)
RDTE,N	Characterization and Exploitation of Magnetic and Electric Fields in the Coastal Ocean Environment	\$2,500,000	Klein (FL); Wasserman Schultz; Weiler
RDTE,N	Cognitive Radio Institute	\$1,000,000	Gordon
RDTE,N	Common Air Mine Countermeasures Tow Cable	\$3,000,000	Boyd
RDTE,N	Common Command and Control System Module	\$4,000,000	Langewin; Courtney; Kennedy
RDTE,N	Common Digital Sensor Architecture	\$3,000,000	Obey
RDTE,N	Common Safety System Controller	\$3,000,000	Pastor (AZ)
RDTE,N	Continuous Active Sonar for Torpedo DCL Systems	\$4,500,000	Courtney
RDTE,N	Cooperative Engagement Capability	\$5,000,000	Young (FL)
RDTE,N	Countermine LIDAR UAV-Based Systems	\$2,000,000	Taylor
RDTE,N	Deployable Command and Control Vehicle	\$3,800,000	Boyd
RDTE,N	Deployment Health and Chronic Disease Surveillance	\$1,000,000	Moran (VA)
RDTE,N	Electronic Motion Actuation Systems	\$1,000,000	Stuler; Bishop (UT)
RDTE,N	Energetic Nano-Materials Agent Defeat Initiative	\$2,000,000	Rothman; Payne
RDTE,N	Energetics S&T Workforce Development	\$3,500,000	Hoyer
RDTE,N	Environmentally Sealed, Ruggedized Avionics Displays	\$4,000,000	Butterfield
RDTE,N	EP-3E Requirements Capability Migration Systems Integration Lab	\$6,250,000	Edwards (TX)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R0TE,N	Floating Area Network Littoral Sensor Grid	\$5,000,000	Dicks
R0TE,N	Flow Path Analysis Tool	\$2,000,000	Lewis (CA); McCarthy (CA)
R0TE,N	Gallium Nitride (GaN) Power Technology	\$2,000,000	Coble
R0TE,N	Hampton University Proton Cancer Treatment Initiative	\$5,000,000	Scott (VA); Moran (VA)
R0TE,N	HBCU Applied Research Incubator	\$1,000,000	Kilpatrick; Connolly; Cummings; Thompson (MS)
R0TE,N	High Density Power Conversion and Distribution Equipment	\$1,500,000	Sullivan; Boren
R0TE,N	High Power Density Motor Drive	\$3,600,000	Murphy; Tim (PA)
R0TE,N	Highly Integrated Siloxane Optical Interconnect for Military Avionics	\$1,000,000	Stupak
R0TE,N	High-Shock 100 Amp Current Limiting Circuit Breaker	\$600,000	Murphy; Tim (PA)
R0TE,N	High Temperature Radar Dome Materials	\$2,000,000	Giffords
R0TE,N	High-Temperature Superconductor Trap Field Magnet Motor	\$1,000,000	Carter
R0TE,N	Hybrid Propellant for Medium and Large Caliber Ammunition	\$5,000,000	Boyd
R0TE,N	Hybrid Propulsion/Power Generation for Increased Fuel Efficiency for Surface Combatants	\$2,000,000	Sanchez; Loretta (CA); Miller, Gary (CA)
R0TE,N	Image-Based Navigation and Precision Targeting	\$800,000	Markey (MA)
R0TE,N	Improved Capabilities for Irregular Warfare Platforms	\$4,000,000	Hoyer
R0TE,N	Improved Kinetic Energy Cargo Round	\$1,000,000	Lee (NY)
R0TE,N	Infrared Materials Laboratory	\$3,500,000	Cole

RDT&E,N	Instrumented Underwater Training Systems	\$2,800,000	Ros-Lehtinen
RDT&E,N	Integrated Advanced Ship Control	\$1,500,000	Tierney
RDT&E,N	Integrated Condition Assessment and Reliability Engineering	\$1,000,000	Connolly
RDT&E,N	Integrated Manufacturing Systems 3D Simulation and Modeling Project	\$2,500,000	Scalise; Melancon
RDT&E,N	Integrated Power System Converter	\$2,000,000	Murphy, Tim (PA)
RDT&E,N	Integrated Power System Power Dense Harmonic Filter Design	\$2,000,000	Altmire
RDT&E,N	Integrated Psycho-Social Healthcare Demonstration Project	\$1,000,000	Young (FL)
RDT&E,N	Integration of Advanced Wide Field of View Sensor with Reusable, Reconfigurable Payload Processing Testbed System	\$1,000,000	Holden
RDT&E,N	Integration of Electro-Kinetic Weapons into Next Generation Navy Ships	\$5,000,000	Boyd
RDT&E,N	Intelligent Retrieval of Imagery	\$2,500,000	Moran (VA)
RDT&E,N	IP over Power Line Carrier Network Integration with ICAS	\$2,000,000	McIntyre
RDT&E,N	Joint Explosive Ordnance Disposal Diver Situational Awareness System	\$2,000,000	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
RDT&E,N	Joint Tactical Radio System Handheld Manpack Small Form Factor Radio System	\$4,500,000	Wasserman Schultz
RDT&E,N	Joint Technology Insertion and Accelerated System Integration Capability for Electronic Warfare	\$2,000,000	Elsworth
RDT&E,N	Kinetic Hydropower System Turbine	\$2,000,000	Inslee; Engel; Tonko; Towns
RDT&E,N	Landing Craft Composite Lift Fan	\$1,500,000	Garrett; Dent
RDT&E,N	Laser Optimization Remote Lighting System	\$2,500,000	Larson (CT)
RDT&E,N	Laser Phalanx	\$1,500,000	Crowley; Bishop (UT)

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
R0TE,N	Lighter-than-Air Stratospheric Unmanned Aerial Vehicle for Persistent Communications Relay and Surveillance	\$3,000,000	Lamborn
R0TE,N	Lightweight Composite Structure Development for Aerospace Vehicles	\$3,000,000	Sullivan
R0TE,N	Lithium Ion Storage Advancement for Aircraft Applications	\$2,500,000	Blunt
R0TE,N	Low Frequency Active Towed Sonar System Organic ASW Capability	\$2,000,000	Crenshaw
R0TE,N	Low Signature Defensive Weapon System for Surface Combatant Craft	\$4,800,000	Hincheley
R0TE,N	Maintenance Free Operating Period	\$2,500,000	Moran (VA)
R0TE,N	Maintenance Planning and Assessment Technology Insertion	\$1,500,000	Brady (PA)
R0TE,N	Management of Lung Injury by Micronutrients	\$1,500,000	Weeks (NY)
R0TE,N	Manufacturing S&T for Next-Generation Energetics	\$5,000,000	Hoyer
R0TE,N	Marine Corps Cultural and Language Training Platform	\$800,000	Maffei
R0TE,N	Marine Mammal Awareness, Alert and Response Systems	\$3,000,000	Abercrombie
R0TE,N	Marine Mammal Detection System	\$2,000,000	Smith (NJ)
R0TE,N	Marine Species Mitigation	\$2,870,000	Brown, Corrine (FL)
R0TE,N	Measurement Standards Research and Development	\$5,800,000	Calvert
R0TE,N	Micro-Drive for Future HVAC Systems	\$600,000	Moore (WI)
R0TE,N	Military Upsset Recovery Training	\$1,000,000	Lee (NY)
R0TE,N	Mobile, Oxygen, Ventilation and External Suction (MOVES) System	\$3,400,000	Granger, Johnson (TX)

RDTE,N	Modular Advanced Vision System	\$2,000,000	Carney
RDTE,N	Mold-in-Place Coating Development for the US Submarine Fleet	\$2,000,000	Taylor
RDTE,N	Moving Target Indicator Scout Radar	\$1,000,000	Johnson, Sam (TX); Hall (TX); Johnson, Eddie Bernice (TX)
RDTE,N	Multi-Element Structured Filter Arrays for Naval Platforms	\$4,300,000	Bonner
RDTE,N	Multifunctional Materials, Devices, and Applications	\$2,000,000	Kilroy
RDTE,N	Multi-Mission Unmanned Surface Vessel	\$2,500,000	Granger
RDTE,N	Nanofluidic Lubricants for Increased Fuel Efficiency in Heavy Duty Vehicles	\$1,500,000	Price (NC)
RDTE,N	National Aviation Enterprise Interoperability with Carrier Strike and Expeditionary Group Forces	\$4,700,000	Hoyer
RDTE,N	National Functional Genomics Center Collaborating Site	\$4,000,000	Holden
RDTE,N	NAVAIR High Fidelity Oceanographic Library	\$3,000,000	Rehberg
RDTE,N	NAVAIR Project for Land/Sea-Based Air Systems Maintenance and Air Worthiness	\$2,000,000	Conyers; Dingell; Levin
RDTE,N	Naval Ship Hydrodynamic Test Facilities	\$4,000,000	Van Hollen
RDTE,N	Navy Advanced Threat Simulator	\$2,000,000	McCarthy (CA)
RDTE,N	Navy Special Warfare Performance and Injury Prevention Program for Special Boat Team 22	\$2,500,000	Taylor
RDTE,N	NAWCWD Point Mugu Electronic Warfare Laboratory Upgrade	\$4,000,000	Gallegly
RDTE,N	Next Generation Electronic Warfare Simulator	\$2,000,000	McCarthy (CA); Ruppersberger
RDTE,N	Next Generation Manufacturing Processes and Systems	\$1,500,000	Smith (TX)
RDTE,N	Next Generation Scalable Lean Manufacturing Initiative—Phase Two	\$3,000,000	Young (FL)
RDTE,N	Next Generation Shipboard Integrated Power—Fuel Efficiency and Advanced Capability Enhancer	\$2,000,000	Bartlett
RDTE,N	Non Traditional Ballistic Fiber and Fabric Weaving Applications for Force Protection	\$2,500,000	LoBiondo; Andrews; Rothman

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDTE,N	Non-Gasoline Burning Outboard Engine	\$1,900,000	Boyd
RDTE,N	NSWC Corona Item Unique Identification Center	\$1,800,000	Calvert
RDTE,N	ONAMI Nanoelectronics, Nanometrology and Nanobiotechnology Initiative	\$2,500,000	Wu; Blumenauer; DeFazio; Schrader; Walden
RDTE,N	On-Demand Custom Body Implants/Prosthesis for Injured Personnel	\$2,000,000	Dingell; Levin
RDTE,N	Open Source Naval and Missile Database Reporting System	\$2,400,000	Dicks
RDTE,N	Out of Autoclave Composite Processing	\$2,000,000	Clay
RDTE,N	Paragon (Frequency Extension)	\$3,000,000	Connolly; Moran (VA)
RDTE,N	Passive RFID Development	\$1,000,000	LaTourette
RDTE,N	Persistent Autonomous Maritime Surveillance	\$5,000,000	Rogers (KY)
RDTE,N	Persistent Surveillance Wave Powerbuoy System	\$2,000,000	Holt
RDTE,N	Photovoltaic Rooftop Systems for Military Housing	\$1,500,000	Peters; Schauer
RDTE,N	Precision Engagement Technologies for Unmanned Systems	\$2,500,000	Ehlers
RDTE,N	Pure Hydrogen Supply from Logistic Fuels	\$3,000,000	Murphy; Patrick (PA)
RDTE,N	Quiet Drive Advanced Rotary Actuator	\$2,000,000	Sestak; Harman; Higgins; Lee (NY); Sherman; Slaughter
RDTE,N	Regenerative Fuel Cell Back-up Power	\$1,700,000	Larson (CT)
RDTE,N	Sensor Integration Framework	\$1,800,000	Boyd

RDTE,N	Ship Model Testing	\$2,500,000	King (NY)
RDTE,N	Shipboard Wireless Maintenance Assistant	\$1,500,000	Schauer; Dingell
RDTE,N	Shipboard Wireless Network	\$3,000,000	Rothman
RDTE,N	Shock and Vibration Modeling of Marine Composites	\$2,400,000	Towns
RDTE,N	Silicon Carbide Wafer Production—Process Development for Low Defect Power Electronics	\$1,500,000	Hinchey
RDTE,N	Smart Instrument Development for the Magdalena Ridge Observatory	\$2,000,000	Teague
RDTE,N	SSBN(X) Systems Development	\$2,500,000	Wittman
RDTE,N	Strike Weapon Propulsion	\$4,000,000	Barton
RDTE,N	Submarine Automated Test and Re-Test	\$2,500,000	Moran (VA)
RDTE,N	Submarine Fatigue Vector Sensor Towed Array	\$2,000,000	Kratovil
RDTE,N	Submarine Navigation Decision Aids	\$5,000,000	Murtha
RDTE,N	Submarine Panoramic Awareness System	\$1,000,000	Sherman
RDTE,N	Submarine System Biometrics Access Control	\$2,500,000	Rogers (KY)
RDTE,N	Tactical High-Speed Anti-Radiation Missile Propulsion Demonstration	\$1,900,000	McKeon; Connolly
RDTE,N	Technology Transfer Office	\$1,500,000	Hoyer
RDTE,N	U.S. Navy Cancer Vaccine Program	\$3,000,000	Jones (NC); Miller; Gary (CA)
RDTE,N	U.S. Navy Pandemic Influenza Vaccine Program	\$2,000,000	McHugh
RDTE,N	Underwater Explosion Modeling and Simulation for Ohio Class Replacement Composite Non-Pressure Hull Fairing	\$2,500,000	Perriello
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

DEFENSE—Continued
[Congressionally Directed Spending Items]

Account	Project	Amount	Requester(s)
RDT,E,N	Voyage Repair Team Tool Management	\$1,500,000	Adler
RDT,E,N	Wide Area Sensor Force Protection Targeting	\$2,000,000	Bean
RDT,E,N	Workforce Requirements Planning—Team Enhancement	\$1,000,000	Inslee
RDT,E,N	X-49A Envelope Expansion Modifications	\$4,500,000	Brady (PA); Andrews; Castle; Higgins; Larson (CT); Sestak; Slaughter
RDT,E,N(MC)	Battlefield Sensor Netting	\$3,000,000	Young (FL)
RDT,E,N(MC)	California Central Coast Partnership Research	\$3,500,000	McCarthy (CA)
RDT,E,N(MC)	Dynamic Eye-Safe Imaging Laser	\$1,000,000	Reichert
RDT,E,N(MC)	Enhanced Small Arms Protective Insert	\$2,000,000	King (NV)
RDT,E,N(MC)	Global Supply Chain Management	\$1,000,000	Bishop (GA)
RDT,E,N(MC)	Media Exploitation Tool Integration with Intelligence C2 Systems	\$1,500,000	Kosmas
RDT,E,N(MC)	Near Infrared Optical Augmentation System	\$2,000,000	Moran (VA)
RDT,E,N(MC)	Non-Lethal Defense Technologies	\$2,900,000	Murtha
RDT,E,N(MC)	Remote Aiming and Sighting Optical Retrofit	\$3,800,000	Granger; Johnson (TX)
WP,N	Intelligent Graphics Torpedo Test Set Troubleshooting Maintainers Aid	\$5,000,000	Dicks
WP,N	Lightweight Torpedo PSU Test Equipment Modernization	\$4,800,000	Dicks
WTCVA	Arsenal Support Program Initiative	\$3,000,000	Tonko
WTCVA	Arsenal Support Program Initiative at Rock Island Arsenal	\$2,000,000	Hare; Braley