Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
		TITLE 1			
	AIRCRAFT PROCUREMENT, ARMY				
9	AH-64 fuselage manufacturing	5,500	Sessions	Army PEO Aviation	Competitive
39	Air warrior survival vest ensemble reset program	3,000	Warner	Aerial Machine and Tool Corp.	Vesta,VA
39	Air warrior survival vest ensemble reset program	3,000	Webb	Aerial Machine and Tool Corp.	Vesta,VA
	MISSILE PROCUREMENT, ARMY				
12	Patriot upgrades	133,600	UFR	Army PEO - Missiles and Space	Various
	PROCUREMENT OF WEAPONS AND TRACKED COMBAT VE	HICLES, ARMY			
37	M2A1 quick change barrel kits	6,000	Collins	SACO Defense - General Dynamics Armament and Technical Products (GDATP)	Saco, ME
37	M2A1 quick change barrel kits	6,000	Snowe	General Dynamics	Saco, ME
	OTHER PROCUREMENT, ARMY				
1	Efficiency and safety modifications to Heavy Expanded Mobility Ammunition Trailer	5,000	Hagan	Williams Innovations LLC	Research Triangle Park, NC
29	Procurement of additional systems	51,200	UFR	Army PEO-Intelligence, Electronic Warfare, and Sensors	Various
55	Tactical local area network	55,000	UFR	Army PEO-Command, Control, and Communications- Tactical	Various

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	OTHER PROCUREMENT, ARMY				
76	Procurement of additional systems	47,100	UFR	Army PEO-Intelligence, Electronic Warfare, and Sensors	Various
104	Forward entry devices	16,200	UFR	Army PEO-Command, Control, and Communications- Tactical	Various
134	Line of communication bridge	15,000	UFR	Army PEO-Combat Support and Combat Service Support	Various
137	Fido explosives detection system	7,000	Inhofe	Icx Nomadics	Stillwater, OK
179	Combat skills marksmanship trainer	6,000	Chambliss	Meggitt Training Systems, Inc.	Suwanee, GA
179	Combat skills marksmanship trainer	6,000	Isakson	Army National Guard	Suwanee, GA
179	Combined arms collective training facility	3,200	Hagan	General Dynamics Information Technology	Waynesville, NC
179	Immersive group simulation virtual training system	6,000	Akaka	Atlantis Cyberspace, Inc.	Honolulu, HI
179	Mine resistant ambush protected vehicle virtual trainer	5,000	Sessions	Alabama Army National Guard	Competitive
179	Mine resistant ambush protected vehicle virtual trainer	6,000	Boxer	California National Guard	Camp Roberts, CA
179	Mine resistant ambush protected vehicle virtual trainer	5,000	Crapo	Idaho National Guard	Boise, ID
179	Mine resistant ambush protected vehicle virtual trainer	5,000	Risch	Idaho National Guard	Boise, ID
179	Mine resistant ambush protected vehicle virtual trainer	6,000	Vitter	Louisiana National Guard	Camp Beauregard, LA
179	Mine resistant ambush protected vehicle virtual trainer	6,000	Merkley	Oregon National Guard	Marion County, OR
179	Mine resistant ambush protected vehicle virtual trainer	6,000	Wyden	Oregon National Guard	Marion County, OR

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	OTHER PROCUREMENT, ARMY				
179	Mine resistant ambush protected vehicle virtual trainer	6,000	Bennett	Utah National Guard	Draper, UT
179	Mine resistant ambush protected vehicle virtual trainer	6,000	Hatch	Utah National Guard	Camp Williams, UT
179	Operator driving simulator	5,000	Levin	FAAC, Inc.	Ann Arbor, MI
179	Operator driving simulator	5,000	Stabenow	FAAC, Inc.	Ann Arbor, MI
	AIRCRAFT PROCUREMENT, NAVY				
3	Buy 6 additional aircraft	325,000	NMR	Naval Aviation	Various
53	AN/AAR-47 computer processor upgrade	5,000	Nelson, Bill	U.S. Navy for Procurement of Aircraft Modification Equipment	Competitive
59	Unfunded requirement for spares	423,000	UFR	Chief of Naval Operations	Various
	WEAPONS PROCUREMENT, NAVY				
15	Accelerate facility restoration program	30,000	Byrd	ATK	Rocket Center, WV
29	Mk 110 gun weapon system depot support	6,000	McConnell	BAE Systems	Louisville, KY
29	Mk 38 Mod 2 gun weapon system depot support	5,000	McConnell	BAE Systems	Louisville, KY
	OTHER PROCUREMENT, NAVY				
11	Test tube equipment	4,800	Reed	BAE Systems	Middletown, RI
19	Helicopter hangar door upgrades	3,600	Chambliss	Jered, LLC	Brunswick, GA and various ports
19	Remote monitoring and troubleshooting	2,890	Sessions	Naval Sea Systems Command	Competitive
25	Range support vehicle	4,400	Graham	Maybank Industries Group, LLC	Charleston, SC

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	OTHER PROCUREMENT, NAVY				
137	Man overboard indicators	5,900	Lugar	BriarTek, Inc.	Zionsville, IN
	AIRCRAFT PROCUREMENT, AIR FORCE				
65	LAIRCM for KC-135 aircraft	11,000	Levin	Michigan Air National Guard	Lansing, MI
70	Maintain JSTARS re-engining at original plan level	102,500	Lieberman	Northrop Grumman Corp.	Melbourne, FL
	MISSILE PROCUREMENT, AIR FORCE				
24	Crew augmentation	14,000	NMR	Air Force Space Command	Various
24	GPS metric tracking	10,000	NMR	Air Force Space Command	Various
	OTHER PROCUREMENT, AIR FORCE				
29	Joint threat emitter	7,500	Chambliss	Savannah CRTC	Savannah, GA
29	Joint threat emitter	6,300	Crapo	Mountain Home AFB	Mountain Home, ID
29	Joint threat emitter	6,300	Risch	Mountain Home AFB	Mountain Home, ID
29	Joint threat emitter	7,500	Wicker	Northrop Grumman Corp. (NGC)	Pascagoula, MS
29	Joint threat emitter	7,500	Merkley	Oregon Military Department	Klamath and Lake Counties, OR
29	Joint threat emitter	7,500	Wyden	Oregon Military Department	Klamath and Lake Counties, OR
43	Eastern Processing Facility	14,000	NMR	Air Force Space Command	Various
43	Kodiak launch complex	9,500	Begich	Alaska Aerospace Corp.	Kodiak, AK
	PROCUREMENT, DEFENSE-WIDE				

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	PROCUREMENT, DEFENSE-WIDE				
73	Special Operations Force deployable nodes	28,000	UFR	US Special Operations Command	Various
75	Enhanced combat optical sight	3,000	Levin	L-3 EO Technology	Ann Arbor, MI
75	Enhanced combat optical sight	3,000	Stabenow	L-3 EO Technology	Ann Arbor, MI
75	SOF combat assault rifle (SCAR)	1,600	Graham / UFR	FN Manufacturing, LLC	Columbia, SC
81	Ground mobility vehicle modification kits	55,000	UFR	US Special Operations Command	Various
92	Clip-on thermal imager	4,900	Shaheen / UFR	Optics I, Inc.	Manchester, NH
92	Special operations binocular/monocular visual augmentation devices	20,900	UFR	US Special Operations Command	Various
		TITLE 2			
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY	7			
2	Advanced energy storage research	4,000	Levin	Michigan State University	East Lansing, MI
2	Advanced energy storage research	4,000	Stabenow	Michigan State University	East Lansing, MI
2	Ultracold matter system for navigation	2,000	Udall, Mark	University of Colorado, Boulder	Boulder, CO
3	Accelerate lightweight vehicle protection materials	2,000	Nelson, Bill	University of Central Florida	Orlando, FL
4	Materials processing research	2,000	Sessions	Army Research Laboratory	Competitive
4	Materials processing research	2,000	Bingaman	New Mexico Tech	Socorro, NM
4	Materials processing research	2,000	Udall, Tom	New Mexico Tech	Socorro, NM

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY				
5	Advanced renewable jet fuels	1,500	Thune	South Dakota State University	Brookings, SD
5	Applied composite materials research	3,000	Carper	University of Delaware	Newark, DE
5	Applied composite materials research	3,000	Kaufman	University of Delaware	Newark, DE
5	High-strength fibers for ballistic armor applications	2,000	Graham	AGY Holding Corp.	Aiken, SC
5	Lighter-weight body armor research	1,500	Lincoln	CoorsTek, Inc.	Benton, AR
5	Lighter-weight body armor research	1,500	Pryor	CoorsTek, Inc.	Benton, AR
5	Lighter-weight body armor research	1,500	Dodd	M Cubed Technologies	Monroe, CT
5	Lighter-weight body armor research	1,500	Lieberman	M Cubed Technologies	Trumbull, CT
5	Lighter-weight body armor research	1,500	McConnell	Ceradyne, Inc.	Lexington, KY
5	Magnesium armor manufacturing for ground vehicles	2,000	Levin	REL, Inc.	Calumet, MI
5	Magnesium armor manufacturing for ground vehicles	2,000	Stabenow	REL, Inc.	Calumet, MI
5	Nanosensor manufacturing research	4,000	Kerry	University of Massachusetts Lowell	Lowell, MA
5	Weapon systems repair technologies	1,500	Thune	H.F. Webster, Inc.	Rapid City, SD
8	Integrated unmanned aerial systems sustainment and supply chain	2,000	Sessions	Army Aviation and Missile Research Development and Engineering Center	Competitive
12	Cognitive modeling and simulation research	2,000	Chambliss	Columbus State University	Columbus, GA
12	Cognitive modeling and simulation research	2,000	Isakson	Columbus State University	Columbus, GA
13	Advanced materials research for alternative energy and transportation	1,500	Levin	Central Michigan University	Mount Pleasant, MI

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY				
13	Hybrid electric vehicle reliability research	3,000	Levin	Western Michigan University	Kalamazoo, MI
13	Hybrid truck development	4,000	Boxer	National Automotive Center	Pasadena, CA
13	Tribology research	2,000	Levin	Oakland University	Rochester, MI
13	Tribology research	2,000	Stabenow	Oakland University	Rochester, MI
13	Unmanned ground vehicle initiative	12,000	Levin	U.S. Army Tank-Automotive Research, Development and Engineering Center	Warren, MI
14	Reactive armor research	3,000	Dodd	Ensign Bickford Aerospace and Defense	Hartford, CT
14	Reactive armor research	3,000	Lieberman	Ensign Bickford Aerospace and Defense	Simsbury, CT
14	Reactive armor research	3,000	McConnell	Ensign-Bickford	Graham, KY
15	Standoff detection of radionuclides	1,500	Lincoln	Arkansas State University	Jonesboro, AR
15	Standoff detection of radionuclides	1,500	Pryor	Arkansas State University	Jonesboro, AR
17	Acoustic gun detection systems	2,000	Kerry	BBN Technologies	Cambridge, MA
18	Nanoscale technologies for batteries	2,000	Inhofe	University of Tulsa	Tulsa, OK
18	Portable solar power generator	2,500	Sessions	Army Research Laboratory	Competitive
18	Portable solar power generator	2,500	Lincoln	University of Arkansas at Fort Smith	Fort Smith, AR
18	Portable solar power generator	2,500	Pryor	University of Arkansas at Fort Smith	Fort Smith, AR
18	Silicon carbide devices for power systems	2,000	Levin	Dow Corning Corp.	Midland, MI

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY				
18	Silicon carbide devices for power systems	2,000	Stabenow	Dow Corning Corp.	Midland, MI
18	Supply chain demonstration using radio frequency identification	1,500	Reid	MIS2000	Hawthorn, NV
20	Multispectral imaging technology optimization for explosives detection	3,000	Kerry	Physical Sciences, Inc.	Andover, MA
20	Multispectral imaging technology optimization for explosives detection	3,000	Reed	University of Rhode Island	Kingston, RI
25	Atmospheric research	2,000	Bennet	Colorado State University	Fort Collins, CO
27	Combat rations enhancement research	1,000	Sessions	Army Research, Development and Engineering Command	Competitive
27	Thermal resistant fiber research	2,500	Carper	INVISTA S.a.r.1.	Seaford, DE
27	Thermal resistant fiber research	2,500	Kaufman	INVISTA S.à r.1.	Seaford, DE
27	Thermal resistant fiber research	2,500	Graham	Greenwood Mills	Greenwood, SC
28	Blast protection for ground soldiers	2,000	Sessions	Army Aeromedical Research Laboratory	Competitive
28	Moderate hypothermia treatment for traumatic brain and spinal cord injur	4,000	Nelson, Bill	The Miami Project to Cure Paralysis	Miami, FL
28	Traumatic brain injury modeling research	1,000	Hagan	Wake Forest University	Winston Salem, NC
29	Moldable fabric armor	1,500	Graham	Milliken & Company	Spartanburg, SC
30	Advanced medical training platform	2,000	Cantwell	Seattle Science Foundation	Seattle, WA
30	Biosensor controller systems development	2,000	Reid	Eye-Com Corp.	Reno, NV
30	Body temperature conditioner systems	2,500	Reid	University of Nevada School of Medicine	Las Vegas, NV

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY	?			
30	Eye trauma and vision enhancement research	2,000	Kerry	Schepens Eye Research Institute	Boston, MA
30	Gulf War illness research	12,000	Boxer		
30	Gulf War illness research	12,000	Akaka		
30	Gulf War illness research	12,000	Burris		
30	Gulf War illness research	12,000	Durbin		
30	Gulf War illness research	12,000	Kerry		
30	Gulf War illness research	12,000	Snowe		
30	Gulf War illness research	12,000	Bond		
30	Gulf War illness research	12,000	Tester		
30	Gulf War illness research	12,000	Schumer		
30	Gulf War illness research	12,000	Brown, Sherrod		
30	Gulf War illness research	12,000	Leahy		
30	Gulf War illness research	12,000	Sanders	US Army Medical Research and Materiel Command	Fort Detrick, MD
30	Gulf War illness research	12,000	Feingold		
30	Gulf War illness research	12,000	Kohl		
30	Gulf War illness research	12,000	Byrd	TBD by agency	Various
30	Gulf War illness research	12,000	Rockefeller		

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY	•			
30	Handheld telemedicine device development	3,000	Nelson, Ben	University of Nebraska Medical Center	Omaha, NE
30	Improved advanced prosthetics manufacturing	4,000	Inhofe	Orthocare Innovations Foundation	Oklahoma City, OK
30	Improved advanced prosthetics manufacturing	4,000	Warner	Hampton University	Hampton, VA
30	Improved advanced prosthetics manufacturing	4,000	Webb	Hampton University	Hampton, VA
30	Integrated medical technology program	5,500	Kerry	Center for Integration of Medicine and Innovative Technology	Boston, MA
30	Lower limb prosthetics research	2,000	Kerry	Foster-Miller, Inc.	Waltham, MA
30	Telemedicine research	1,500	Chambliss	Phoebe Putney Health System	Various
31	Enhanced gun fire detection	2,000	Sessions	Army Research, Development and Engineering Command	Competitive
31	Improved aviation technology insertion capability	2,500	Landrieu	U.S. Army, AMRDEC Engineering Directorate – Manufacturing Science and Technology Division	Redstone Arsenal, AL
31	Improved aviation technology insertion capability	2,500	Vitter	Tiburon Associates	New Orleans, LA
31	Next generation unmanned aerial vehicle engine	2,000	Stabenow	MAHLE Powertrain, LLC	Novi, MI
31	Rotorcraft galvanic corrosion reduction	2,000	Hagan	United Protective Technologies	Locust, NC

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY				
33	Advanced auxiliary power unit development	2,000	Nelson, Bill	U.S. Army for Research and Development for Combat Vehicle and Automotive Advanced Technology	Competitive
33	Advanced lithium ion battery systems	3,000	Stabenow	A123Systems, Inc.	Ann Arbor, MI
33	Advanced thermal management systems	6,000	Levin	Engineered Machined Products	Escanaba, MI
33	Alternatives to improve weapon systems sustainment	4,000	Levin	Automation Alley	Troy, MI
33	Alternatives to improve weapon systems sustainment	4,000	Stabenow	Automation Alley	Troy, MI
33	Applied power management controls	2,000	Stabenow	Global Embedded Technologies, Inc.	Farmington Hills, MI
33	Autonomous and connected vehicle development	2,000	Levin	Henry Ford Community College	Dearborn, MI
33	Autonomous and connected vehicle development	2,000	Stabenow	Henry Ford Community College	Dearborn, MI
33	Composite shelter	2,000	Begich	Alkan Shelter	Fairbanks, AK
33	Force projection technology development	8,000	Levin	U.S. Army Tank-Automotive Research, Development and Engineering Center	Warren, MI
33	Forward water purification	2,000	Inhofe	Hydration Technologies/ Army - SOCOM	Albany, OR
33	Ground system power and mobility enhancement	12,000	Levin	U.S. Army Tank-Automotive Research, Development and Engineering Center	Warren, MI
33	Hydraulic hybrid vehicles for the tactical wheeled fleet	2,700	Lugar	Navistar, Inc. Truck Group	Fort Wayne, IN
33	Hydraulic hybrid vehicles for the tactical wheeled fleet	2,700	Levin	Bosch Rexroth Corp.	Rochester Hills, MI

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY				
33	Hydraulic hybrid vehicles for the tactical wheeled fleet	2,700	Stabenow	Bosch Rexroth Corp.	Rochester Hills, MI
33	Improved ground system survivability	10,000	Levin	U.S. Army Tank-Automotive Research, Development and Engineering Center	Warren, MI
33	Mobile water generation	2,500	Dodd	UTC	Windsor Locks, CT
33	Mobile water generation	2,500	Lieberman	Hamilton Sunstrand	Windsor Locks, CT
33	Multifunctional self-sensing vehicle armor	2,000	Gillibrand	The City College of New York	New York, NY
33	Plug-in hybrid electric vehicle program	4,000	Lugar	Flagship Enterprise Center	Anderson, IN
33	Plug-in hybrid electric vehicle program	4,000	Levin	NextEnergy	Detroit, MI
33	Plug-in hybrid electric vehicle program	4,000	Stabenow	NextEnergy	Detroit, MI
33	Threat cue research	2,000	Levin	Michigan Tech University	Houghton, MI
33	Threat cue research	2,000	Stabenow	Michigan Technological University	Houghton, MI
33	Vehicle electronics and architecture development	12,000	Levin	U.S. Army Tank-Automotive Research, Development and Engineering Center	Warren, MI
38	Combat medic training systems	1,000	Nelson, Bill	U.S. Army for Research and Development for Next Generation Training and Simulation Systems	Competitive
43	Laser systems for light aircraft missile defense	3,000	Levin	Omni Sciences, Inc.	Ann Arbor, MI
43	Laser systems for light aircraft missile defense	3,000	Stabenow	Omni Sciences, Inc.	Ann Arbor, MI

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY	?			
44	Missile artillery advanced technology development	9,500	NMR	Army PEO-Missiles and Space	Various
48	Enhanced situation awareness	2,000	Nelson, Bill	U.S. Army for Research and Development for Night Vision Advanced Technology	Competitive
50	Enzymatic biofuel production research	2,000	Udall, Tom	Incitor, LLC	Albuquerque, NM
50	Improved projectile and hardened structure testing	2,000	Wicker	Engineer Research & Development Center	Vicksburg, MS
50	Permafrost tunnel	1,000	Begich	Cold Regions Research and Engineering Laboratory; US Army Corps of Engineers	Fox, AK
50	Photovoltaic technology development	8,000	Levin	United Solar Ovonic	Auburn Hills, MI
53	Adaptive robotic technology	3,000	Sessions	Army Space and Missile Defense Command	Competitive
53	Advanced environmental controls	3,000	Reid	Rocky Research	Boulder City, NV
53	Alternative power technology	2,000	Thune	South Dakota State University	Brookings, SD
53	Discriminatory imaging research	2,500	McConnell	University of Kentucky	Lexington, KY
75	Hostile fire detection for helicopters	5,000	Shaheen	BAE Systems	Nashua, NH
105	XM1125 155mm smoke projectile development	8,000	Lincoln	Pine Bluff Arsenal	Pine Bluff, AR
105	XM1125 155mm smoke projectile development	8,000	Pryor	Pine Bluff Arsenal	Pine Bluff, AR
116	Paladin integrated management program	30,000	NMR	Army PEO-Ground Combat Systems	Various

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY	7			
127	Trojan swarm	10,000	NMR	U.S. Army Deputy Chief of Staff for Intelligence	Various
137	Common regional operational systems	1,200	Bingaman	White Sands Missile Range	White Sands, NM
137	Common regional operational systems	1,200	Udall, Tom	White Sands Missile Range	White Sands, NM
137	Dugway field test improvements	4,000	Bennett	ITT Information Systems	Dugway, UT
137	Dugway field test improvements	4,000	Hatch	ITT Corp.	Dugway Proving Ground, UT
137	Enhanced Army energy testing	5,000	Bingaman	White Sands Missile Range	White Sands, NM
137	Enhanced Army energy testing	5,000	Udall, Tom	White Sands Missile Range	White Sands, NM
139	Program increase	5,000	Bingaman	Northrop Grumman Corp.	White Sands, NM
139	Program increase	5,000	Udall, Tom	Northrop Grumman Corp.	White Sands, NM
149	Unserviceable ammunition demilitarization	2,600	Bennett	Battelle Memorial Institute	Stockton, UT
149	Unserviceable ammunition demilitarization	2,600	Hatch	Battelle Memorial Institute	Tooele Army Depot, UT
185	Advanced ultrasonic inspection of helicopter rotor blades	2,000	Inhofe	Veracity Technology Solutions	Tulsa, OK
185	Titanium alloy armor development	2,900	Levin	Solidica, Inc.	Ann Arbor, MI
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY	•			
1	Blast and impact resistant structures	1,000	Wicker	The University of Mississippi	Oxford, MS
3	Nanomaterials for solar cells	2,000	Reed	Technic, Inc.	Cranston, Woonsocket, and Pawtucket, RI
4	Energetics research	3,000	Bingaman	Applied Research Associates, Inc.	Albuquerque, NM

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY				
4	Energetics research	3,000	Udall, Tom	Applied Research Associates, Inc.	Albuquerque, NM
5	Electro-kinetic wind energy research	1,900	Levin	Accio Energy	Ann Arbor, MI
5	Electro-kinetic wind energy research	1,900	Stabenow	Accio Energy	Ann Arbor, MI
5	Energy systems integration research	2,500	Nelson, Bill	Florida State University	Tallahassee, FL
5	Port security technologies	2,500	Voinovich	Battelle Memorial Institute	Columbus, OH
5	Port security technologies	2,500	Reed	Battelle Memorial Institute	Westerly and Newport, RI
5	Special operations forces combatant research	2,000	Collins	Hodgdon Defense Composites, LLC	East Boothbay, ME
5	Special operations forces combatant research	2,000	Snowe	Hodgdon Defense Composites	East Boothbay
7	Expanded infrared focal plane array technology and availability	2,000	Inhofe	Amethyst Research Group, Inc.	Ardmore, OK
9	Anti-reverse engineering technologies	1,000	Lincoln	Space Photonics	Fayetteville, AR
9	Anti-reverse engineering technologies	1,000	Pryor	Space Photonics	Fayetteville, AR
9	Asset lifecycle program	2,000	Akaka	Referntia Systems Incorporated	Honolulu, HI
9	Composite material optimization for watercraft	1,500	Carper	University of Delaware	Newark, DE
9	Composite material optimization for watercraft	1,500	Kaufman	University of Delaware	Newark, DE
11	Advanced unmanned underwater vehicle research	3,000	Reed	Alion Science & Technology	Middletown, RI
11	Laser underwater imaging and communications research	1,000	Nelson, Bill	Florida Atlantic University (Harbor Branch Oceanographic Institution)	Fort Pierce, FL
13	Acoustic search glider	1,500	Begich	ANT, LLC	Anchorage, AK

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY				
15	Mobile target tracking technologies	2,000	Akaka	Pukoa Scientific	Honolulu, HI
16	Formable textiles	2,000	Collins	Pepin Associates, Inc.	Greenville, ME
16	Formable textiles	3,000	Snowe	Pepin Associates, Inc.	Greenville, ME
16	Mobile repair capability	3,000	Levin	Focus: HOPE	Detroit, MI
16	Mobile repair capability	3,000	Stabenow	Focus: Hope	Detroit, MI
16	Rare earth alternatives for permanent magnet motors	3,000	Lincoln	Baldor Electric Company	Fort Smith, AR
16	Rare earth alternatives for permanent magnet motors	3,000	Pryor	Baldor Electric Company	Fort Smith, AR
16	Rare earth alternatives for permanent magnet motors	3,000	Wicker	Baldor Electric Company	Columbus, MS
16	Rare earth alternatives for permanent magnet motors	3,000	Inhofe	Baldor Electric Company	Westville, OK
16	Single generator operations	5,000	Lugar	Altairnano, Inc.	Anderson, IN
16	Single generator operations	5,000	Reid	Altairnano, Inc.	Reno, NV
18	Hybrid heavy lift logistics vehicle	1,500	Collins	Integrated Systems Solutions, Inc. (ISSI)	
18	Hybrid heavy lift logistics vehicle	1,500	Snowe	Integrated Systems Solutions, Inc.	Limestone, ME
18	Lighter-than-air platform	2,500	Collins	SAICTelford	Limestone, ME
41	Advanced actuators	3,000	Stabenow	Beaver Aerospace & Defense, Inc.	Livonia, MI
41	Advanced actuators	3,000	Warner	MOOG, Inc.	Blacksburg and Galax, VA
41	Advanced actuators	3,000	Webb	MOOG, Inc.	Blacksburg and Galax, VA

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY				
41	Shock mitigation devices	3,000	Reid	Advanced Materials and Devices, Inc.	Reno, NV
41	Submarine payloads development	20,000	Dodd	General Dynamics Electric Boat	Groton, CT
41	Submarine payloads development	20,000	Lieberman	General Dynamics Electric Boat	Groton, CT
41	Submarine payloads development	20,000	Reed	General Dynamics Electric Boat	Quonset Point, RI
44	Ship hydrodynamic facilities improvement	10,000	Cardin	Carderock Division, Naval Surface Warfare Center	Montgomery County, MD
49	Common network interface system	3,000	Warner	GD-Advanced Information Systems	Fairfax, VA
49	Common network interface system	3,000	Webb	GD-Advanced Information Systems	Fairfax, VA
52	Decision and energy reduction tool	3,000	Udall, Mark	Colorado State University, Fort Collins	Fort Collins, CO
52	Decision and energy reduction tool	4,500	Levin	Ricardo, Inc.	Van Buren Township, MI
52	Decision and energy reduction tool	4,500	Stabenow	Ricardo, Inc.	Belleville, MI
57	Fuel cell and hydrogen generation technologies	2,500	Hagan	Microcell Corp.	Raleigh, NC
57	High-density energy storage development	3,000	Nelson, Ben	University of Nebraska - Lincoln	Lincoln, NE
60	Fiber optic interconnect technology	5,000	Levin	Calumet Electronics Corp.	Calumet, MI
60	Fiber optic interconnect technology	5,000	Stabenow	Calumet Electronics Corp.	Calumet, MI
60	Flame retardant textile fabric	1,500	Levin	Eastern Michigan University	Ypsilanti, MI
60	Flame retardant textile fabric	1,500	Stabenow	Eastern Michigan University	Ypsilanti, MI

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY				
107	TB-33 thinline towed array	3,800	Reed	L-3 Chesapeake Sciences Corp.	Ashaway, RI
111	Advanced manufacturing for bow domes	1,250	Nelson, Bill	U.S. Navy for Research and Development for New Design SSN	Competitive
111	Common command and control system module	9,000	Dodd	General Dynamics Electric Boat	Groton, CT
111	Common command and control system module	9,000	Lieberman	General Dynamics Electric Boat	Groton, CT
111	Common command and control system module	9,000	Reed	General Dynamics Electric Boat	Quonset Point, RI
112	Artificial intelligence-based combat system software module	7,000	Reed	Rite-Solutions	Middletown, RI
112	SSGN weapon launcher technology insertion	5,000	Reed	Progeny Systems Corp.	Middletown, RI
112	SSN airborne ISR capability	4,600	Reed	Systems Engineering Associates Corp (SEA CORP)	Middletown, RI
112	Submarine environment for evaluation and development	5,500	Reed	Advanced Solutions for Tomorrow	Middletown, RI
112	Weapon acquisition and firing system	3,000	Kerry	Mikel, Inc.	Fall River, MA
112	Weapon acquisition and firing system	3,000	Reed	Mikel, Inc.	Middletown, RI
113	Automated fiber optic manufacturing	4,000	Kerry	kSARIA	Lawrence, MA
113	Automated fiber optic manufacturing	4,000	Warner	KITCO Fiber Optics	Virginia Beach,VA
113	Automated fiber optic manufacturing	4,000	Webb	KITCO Fiber Optics	Virginia Beach,VA
120	Autonomous unmanned surface vessel (AUSV)	5,700	Akaka	Harbor Wing Technologies, Inc.	Seattle, WA
121	Next-generation Phalanx	12,000	McConnell	Raytheon Missile Systems	Louisville, KY
121	Next-generation Phalanx	12,000	Kerry	Azonix	Billerica, MA

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY				
122	NULKA upgrades	7,000	Kerry	Lockheed Martin Sippican	Marion, MA
124	Composite tissue transplantation for combat wound repair	2,000	Chambliss	Emory University Hospital	Atlanta, GA
124	Vision restoration	3,000	Nelson, Ben	University of Nebraska Medical Center	Omaha, NE
129	Information systems research	5,000	Landrieu	SPAWAR SSC/ITC Atlantic (New Orleans)	New Orleans, LA
129	Information systems research	5,000	Vitter	SSC Atlantic	New Orleans, LA
162	Virtual maintenance engineering platform	1,200	Dodd	General Physics Corp.	Mystic, CT
162	Virtual maintenance engineering platform	1,200	Lieberman	General Physics Corp.	Mystic, CT
162	Virtual maintenance engineering platform	1,200	Reed	General Physics Corp.	Middletown, RI
170	Cost reduction initiatives	7,600	Levin	Williams International	Walled Lake, MI
170	Cost reduction initiatives	7,600	Stabenow	Williams International	Commerce Township, MI
170	Cost reduction initiatives	7,600	Bennett	Williams International	Ogden, UT
180	Aircraft metal alloys	2,750	Burris	QuesTek Innovations	Evanston, IL
180	Improved aircraft windscreen laminates	1,700	Graham	United Protective Technologies, LLC	Rock Hill, SC
180	Structural life tracking program for helicopters	2,500	Warner	Technical Data Analysis	Falls Church, VA
180	Structural life tracking program for helicopters	2,500	Webb	Technical Data Analysis	Falls Church, VA
183	System for triaging key evidence	1,750	Nelson, Bill	U.S. Navy for Research and Development for Marine Corps Communications Systems	Competitive

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY	•			
184	Marine Corps personnel carrier data man system	2,000	Warner	Portal Dynamics, Inc.	Alexandria, VA
184	Marine Corps personnel carrier data man system	2,000	Webb	Portal Dynamics, Inc.	Alexandria, VA
184	Unique identification tracking software	4,500	Reed	A2B Tracking Solutions, Inc.	Portsmouth, RI
221	Integrated manufacturing enterprise	5,000	Landrieu	Office of Naval Research, Code 361	Arlington, VA
221	Integrated manufacturing enterprise	5,000	Vitter	Louisiana Center for Manufacturing Sciences	Shreveport, LA
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR F	ORCE			
1	Cyber training capability in modeling and simulation	2,000	Warner	Norfolk State University	Hampton Roads, VA
1	Cyber training capability in modeling and simulation	2,000	Webb	Norfolk State University	Hampton Roads, VA
4	Advanced aerospace heat exchangers	3,000	Voinovich	Ohio Aerospace Institute	Cleveland, OH
4	Energy efficiency, recovery, and generation systems	1,000	Thune	South Dakota School of Mines and Technology	Rapid City, SD
4	Health monitoring sensors for aerospace components	2,000	Collins	University of Maine	Orono, ME
4	Health monitoring sensors for aerospace components	2,000	Snowe	University of Maine	Orono, ME
4	Improved nanomaterials and nanomanufacturing methods	2,000	Merkley	University of Oregon, Oregon State University, Portland State University, Oregon Health and Science University, Oregon Nanoscience and Microtechnologies Institute	Competitive

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR	FORCE			
4	Improved nanomaterials and nanomanufacturing methods	2,000	Wyden	University of Oregon, Oregon State University, Portland State University, Oregon Health and Science University, Oregon Nanoscience and Microtechnologies Institute	Competitive
4	Light alloy aerospace and automotive parts development	1,000	Dodd	Deformation Control Technology and Sikorsky Aircraft	Stratford, CT
5	Unmanned aerial system collaboration technologies	2,500	Voinovich	University of Dayton Research Institute	Dayton, OH
8	Accelerated development of gallium nitride materials	1,500	Hagan	Kyma Technologies, Inc	Raleigh, NC
8	Accelerated development of gallium nitride materials	1,500	Reid	University of Nevada, Las Vegas	Las Vegas, NV
9	Reconfigurable electronics research	500	Crapo	Boise State University	Boise, ID
9	Reconfigurable electronics research	500	Risch	Boise State University	Boise, ID
9	Seismic research program	5,000	Kerry	Weston Geophysical Corp.	Lexington, MA
9	Space plasma research	2,000	Bingaman	Ball Aerospace and Technologies Corp.	Albuquerque, NM
9	Space plasma research	2,000	Udall, Tom	Ball Aerospace and Technologies Corp.	Albuquerque, NM
14	Directed energy research and development coordination	2,000	Bingaman	Schafer Corp.	Albuquerque, NM
14	Directed energy research and development coordination	2,000	Udall, Tom	Schafer Corp.	Albuquerque, NM

Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
RESEARCH, DEVELOPMENT, TEST AND EVALUATION,	AIR FORCE			
Composite repair in theater	2,000	Bennett	ATK	Clearfield, UT
Composite repair in theater	2,000	Hatch	Alliant Techsystems (ATK)	Clearfield, UT
Metals affordability initiative	10,000	Dodd	Various	Various
Metals affordability initiative	10,000	Lieberman	MAI Program	East Hartford, CT
Metals affordability initiative	10,000	Bingaman	Various	Various
Metals affordability initiative	10,000	Reid	Timet	Henderson, NV
Metals affordability initiative	10,000	Brown, Sherrod	Metals Affordability Initiative Consortium	Huron, OH
Metals affordability initiative	10,000	Merkley	Metals Affordability Initiative Consortium	Competitive, various counties in OR
Metals affordability initiative	10,000	Wyden	Various	Various
Metals affordability initiative	10,000	Bennett	Metals Affordability Initiative Consortium	Elm Grove, WI
Metals affordability initiative	10,000	Kohl	Various	Various
Metals affordability initiative	10,000	Rockefeller	Various	Various
Sewage-derived biofuels program	3,000	Wicker	General Atomics	Shannon, MS
Sonic infrared imaging technology development	2,000	Levin	Wayne State University	Detroit, MI
Algal biofuel production research	2,000	Bingaman	New Mexico State University	Las Cruces, NM
Algal biofuel production research	2,000	Udall, Tom	New Mexico State University	Las Cruces, NM
Long range supersonic engine for high speed strike	4,000	Stabenow	Williams International	Commerce Township, MI
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, Composite repair in theater Composite repair in theater Metals affordability initiative Sewage-derived biofuels program Sonic infrared imaging technology development Algal biofuel production research Algal biofuel production research	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE Composite repair in theater 2,000 Metals affordability initiative 10,000	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE Composite repair in theater 2,000 Hatch Composite repair in theater 2,000 Hotch Metals affordability initiative 10,000 Dodd Metals affordability initiative 10,000 Bingaman Metals affordability initiative 10,000 Reid Metals affordability initiative 10,000 Brown, Sherrod Metals affordability initiative 10,000 Merkley Metals affordability initiative 10,000 Brown, Sherrod Metals affordability initiative 10,000 Merkley  Metals affordability initiative 10,000 Bennett  Metals affordability initiative 10,000 Wyden Metals affordability initiative 10,000 Bennett  Metals affordability initiative 10,000 Kohl Metals affordability initiative 10,000 Levin Sewage-derived biofuels program 3,000 Wicker Sonic infrared imaging technology development 2,000 Levin Algal biofuel production research 2,000 Bingaman Algal biofuel production research 2,000 Udall, Tom	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE  Composite repair in theater 2,000 Bennett AIK Composite repair in theater 2,000 Hatch Alliant Techsystems (ATK) Metals affordability initiative 10,000 Lieberman MAI Program Metals affordability initiative 10,000 Bingaman Various Metals affordability initiative 10,000 Reid Timet Metals affordability initiative 10,000 Rerkley Metals Affordability Initiative Consortium Metals affordability initiative 10,000 Rerkley Metals Affordability Initiative Consortium Metals affordability initiative 10,000 Rockefeller Various Metals affordability initiative 10,000 Rockefeller Various Metals affordability initiative 10,000 Rockefeller Various Sewage-derived biofuels program 3,000 Wicker General Atomics Sonic infrared imaging technology development 2,000 Levin Wayne State University Algal biofuel production research 2,000 Udall, Tom New Mexico State University

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FO	RCE			
19	Long range supersonic engine for high speed strike	4,000	Bennett	Williams International	Ogden, UT
19	Power module materials research	4,000	Lincoln	Arkansas Power Electronics International, Inc.	Fayetteville, AR
19	Power module materials research	4,000	Pryor	Arkansas Power Electronics International, Inc.	Fayetteville, AR
19	Scalable unmanned aerial vehicle engines	2,500	Dodd	UTC	East Hartford, CT
19	Scalable unmanned aerial vehicle engines	2,500	Lieberman	United Technologies Research Center	East Hartford, CT
22	Secure supply of carbon nanotubes	2,000	Inhofe	South West Nano Technologies, Inc.	Norman, OK
27	Improved production of frequency selective surface structures	2,000	Brown, Sherrod	Alliant Techsystems, Inc.	Beavercreek, OH
31	Collaboration gateway	2,000	Hagan	Trident Systems	Morrisville, NC
36	Space situational awareness	6,000	Kerry	Raytheon Company, Integrated Defense Systems	Sudbury, MA
40	Program add	5,000	NMR	Air Force Space Command	Various
52	Next-generation MILSATCOM	50,000	NMR	Air Force Space Command	Various
56	Crosscutting capabilities	20,000	NMR	Operationally Responsive Space	Various
56	Radially segmented launch vehicle	6,000	Sessions	Army Space and Missile Defense Command	Competitive
56	Radially segmented launch vehicle	9,000	NMR	Operationally Responsive Space	Various

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR	FORCE			
60	Nuclear enterprise surety tracking	8,000	Vitter	Praeses	Shreveport, LA
72	HEO ground and data exploitation	15,000	NMR	Air Force Space Command	Various
73	OPIR technology development	25,000	NMR	Air Force Space Command	Various
98	Holloman high speed test track	4,500	Bingaman	General Atomics	Holloman AFB, NM
98	Holloman high speed test track	4,500	Udall, Tom	General Atomics	Holloman AFB, NM
104	Small launch class mission	15,000	NMR	Air Force Space Development and Test Wing	Various
165	Cyber operations security institute	1,500	Landrieu	LSU Shreveport	Shreveport, LA
176	Application software assurance center of excellence	6,950	Sessions	Maxwell-Gunter AFB	Competitive
176	Malware research technology demonstration	1,800	Gillibrand	Griffiss Institute	Rome, NY
176	Malware research technology demonstration	1,800	Schumer	Griffiss Institute	Rome, NY
206	Environmental awareness for unmanned systems	5,000	Nelson, Ben	University of Nebraska - Lincoln	Lincoln, NE
212	Small satellite augmentation	10,000	NMR	Air Force Space Command	Various
213	Karnac	6,000	NMR	Air Force Space Command; Los Alamos, Livermore, and Sandia National Laboratories	Various
215	SABRS integration on GEO-4	30,000	NMR	Air Force Space Command	Various
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEF	ENSE-WIDE			
2	Information security research	4,000	Inhofe	iSec - University of Tulsa	Tulsa, OK
3	Superconducting systems cooling	2,000	Nelson, Bill	Florida State University	Tallahassee, FL

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION,	DEFENSE-WIDE			
14	Advanced chem-bio protective materials	1,500	Nelson, Ben	University of Nebraska - Lincoln	Lincoln, NE
14	Chemical and biological infrared detector	3,000	Collins	Orono Spectral Solutions, Inc.	Orono, ME
14	Chemical and biological infrared detector	3,000	Snowe	Orono Spectral Solutions, Inc.	Old Town, ME
21	Weapons of mass destruction analysis reachback tool	3,000	Warner	Virginia Polytechnic Institute and State University	Blacksburg,VA
21	Weapons of mass destruction analysis reachback tool	3,000	Webb	Virginia Polytechnic Institute and State University	Blacksburg,VA
22	Non-lethal weapons technology	3,000	Reid / UFR	Varian Medical Systems	Las Vegas, NV
26	Foreign language correlation and translation	1,000	Lincoln	Axciom Corp.	Conway, AR
26	Foreign language correlation and translation	1,000	Pryor	Axciom Corp.	Conway, AR
26	Impact and blast loading laboratory testing program	2,500	Boxer	University of California, San Diego	San Diego, CA
26	Reconnaissance and data exploitation system	7,000	Akaka	Nova-sol	Honolulu, HI
34	Plant-based vaccine development	3,000	Carper	Fraunhofer USA Center for Molecular Biotechnology	Newark, DE
34	Plant-based vaccine development	3,000	Kaufman	Fraunhofer USA Center for Molecular Biotechnology	Newark, DE
44	Biofuels program	4,000	Levin	Defense Logistics Agency	Fort Belvoir, VA
44	Biomass conversion research	1,500	Collins	University of Maine	Orono, ME
44	Biomass conversion research	1,500	Snowe	University of Maine	Orono, ME
44	Biomass conversion research	1,000	Wicker	Catalyst Renewables Fuels LLC	C Pleasanton, CA

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEF	ENSE-WIDE			
44	Green product evaluation and implementation	2,000	Graham	Concurrent Technologies Corp.	Columbia, SC
44	RFID technology exploitation	1,000	McConnell	University of Louisville	Louisville, KY
44	Vehicle fuel cell and hydrogen logistics program	8,000	Levin	Defense Logistics Agency	Fort Belvoir, VA
98	Israeli Iron Dome program	205,000	UFR	Missile Defense Agency	Israel
98	Short-range ballistic missile defense	25,000	Wicker	ATK	Iuka, MS
101	Corrosion control research	3,000	Wicker	University of Southern Mississippi	Hattiesburg, MS
116	Joint Service Aircrew Mask upgrade	2,000	Carper	ILC Dover LP	Frederica, DE
116	Joint Service Aircrew Mask upgrade	2,000	Kaufman	ILC Dover LP	Frederica, DE
155	Anti-tamper software systems	1,500	Collins	ANGEL Secure Networks, Inc.	Orono, ME
155	Anti-tamper software systems	1,500	Snowe	Angel Technologies	Orono, ME
196	Cybersecurity pilot projects	30,000	NMR	Assistant Secretary of Defense (Networks and Information Integration)	Various
202	NSA ISSP classified cybersecurity pilot	5,000	NMR	National Security Agency	Various
211	Technology development for tactical unmanned aerial systems	4,000	Chambliss	Georgia Institute of Technology	Various
211	Technology development for tactical unmanned aerial systems	4,000	Isakson	Georgia Institute of Technology	Atlanta/Benning/Stewart, GA
211	Technology development for tactical unmanned aerial systems	4,000	Inhofe	Oklahoma State University/ SOCOM	Lawton, OK
211	Wide-area aerial tactical situation awareness	1,700	Warner	ArguSight, Inc.	Fairfax, VA
211	Wide-area aerial tactical situation awareness	1,700	Webb	ArguSight, Inc.	Fairfax, VA

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFI	ENSE-WIDE			
245	Industrial Base Innovation Fund	30,000	NMR	Competitive	n/a
245	Northwest manufacturing initiative	2,000	Merkley	Manufacturing 21 Coalition	Oregon and SW Washington
245	Northwest manufacturing initiative	2,000	Wyden	Manufacturing 21 Coalition	Oregon and SW Washington
269	Lithium ion battery safety research	1,600	Lugar	Indiana University	Indianapolis, IN
999	Center for geospatial science	1,000	Bingaman	New Mexico State University	Las Cruces, NM
999	Center for intelligence and security studies	3,000	Wicker	The University of Mississippi	Oxford, MS
999	Classified initiative	35,000	NMR	n/a	n/a
999	Valiant angel	2,000	Warner	Pixia Corp	Sterling, VA
999	Valiant angel	2,000	Webb	Pixia Corp	Sterling, VA
999	WAAS exploitation	22,500	NMR	National Geospatial Intelligence Agency	Various
		TITLE 3			
	OPERATION AND MAINTENANCE, NAVY				_
60	Aviation depot maintenance	74,000	UFR	U.S. Navy Fleet Readiness Centers	Various
100	Ship depot maintenance	35,000	UFR	U.S. Navy Shipyards	Various
	OPERATION AND MAINTENANCE, AIR FORCE				
40	Weapon system sustainment	150,000	UFR	USAF Air Logistics Centers	Various
	OPERATION AND MAINTENANCE, AIR FORCE RESERVE				
10	Amended budget submission for C-130 transfer	3,060	NMR	USAF Air Logistics Centers	Various

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	OPERATION AND MAINTENANCE, AIR FORCE RESERVE				
30	Amended budget submission for C-130s	2,749	NMR	USAF Air Logistics Centers	Various
30	Weapon system sustainment	99,000	UFR	USAF Air Logistics Centers	Various
	OPERATION AND MAINTENANCE, AIR NATIONAL GUARD				
10	Amended budget submission for C-130s	6,073	NMR	USAF Air Logistics Centers	Various
30	Amended budget submission for C-130s	6,823	NMR	USAF Air Logistics Centers	Various
30	Weapon system sustainment	88,200	UFR	USAF Air Logistics Centers	Various
	OPERATION AND MAINTENANCE, DEFENSE-WIDE				
250	Readiness and environmental protection initiative	25,000	Boxer		
250	Readiness and environmental protection initiative	25,000	Bennet		
250	Readiness and environmental protection initiative	25,000	Udall, Mark		
250	Readiness and environmental protection initiative	25,000	Burris		
250	Readiness and environmental protection initiative	25,000	Landrieu		
250	Readiness and environmental protection initiative	25,000	Cardin		
250	Readiness and environmental protection initiative	25,000	Wicker	The Nature Conservancy - Mississippi Chapter	Jackson, MS
250	Readiness and environmental protection initiative	25,000	Burr		
250	Readiness and environmental protection initiative	25,000	Hagan		
250	Readiness and environmental protection initiative	25,000	Inhofe		
250	Readiness and environmental protection initiative	25,000	Johnson		
250	Readiness and environmental protection initiative	25,000	Hutchison		

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	OPERATION AND MAINTENANCE, DEFENSE-WIDE				
250	Rule of law program	750	Graham	University of South Carolina, Columbia	Columbia, SC
	BRAC impact aid	5,000	NMR	n/a	n/a
	Impact aid	30,000	Burris	Department of Defense Education Agency	Arlington, VA
	Impact aid for children with severe disabilities	5,000	Akaka	n/a	n/a
	Impact aid for children with severe disabilities	5,000	Menendez	n/a	n/a
	Impact aid for children with severe disabilities	5,000	Schumer	n/a	n/a
	Impact aid for children with severe disabilities	5,000	Inhofe	n/a	n/a
	Impact aid for children with severe disabilities	5,000	Reed	n/a	n/a
	Impact aid for children with severe disabilities	5,000	Whitehouse	n/a	n/a
	Impact aid for children with severe disabilities	5,000	NMR	n/a	n/a
		TITLE 14			
	OFFICE OF THE INSPECTOR GENERAL				
10	Second year growth plan	29,300	NMR	n/a	n/a
20	Second year growth plan	4,500	NMR	n/a	n/a
	DEFENSE HEALTH PROGRAM				
	One-year extension of prohibition on TRICARE inpatient fees	12,000	NMR	n/a	n/a
	TRICARE eligibility for dependents up to age 26	10,000	NMR	n/a	n/a
	DRUG INTERDICTION AND COUNTERDRUG ACTIVITIES,	DEFENSE-WIDE			

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	DRUG INTERDICTION AND COUNTERDRUG ACTIVITIES, DE	FENSE-WIDE			
10	National Guard counterdrug programs	3,000	Begich	Alaska National Guard	Statewide
10	National Guard counterdrug programs	1,600	Udall, Mark	Colorado Joint Counter Drug Task Force	State of Colorado
10	National Guard counterdrug programs	300	Carper	Delaware National Guard	Wilmington, DE
10	National Guard counterdrug programs	300	Kaufman	Delaware National Guard	Wilmington, DE
10	National Guard counterdrug programs	2,900	Nelson, Bill	Florida National Guard	St. Augustine, FL
10	National Guard counterdrug programs	3,000	Akaka	JFHQ-Hawaii	Various
10	National Guard counterdrug programs	4,000	McConnell	Kentucky National Guard	Frankfort, KY
10	National Guard counterdrug programs	1,200	Hagan	North Carolina National Guard	Raleigh, NC
10	National Guard counterdrug programs	6,000	Bingaman	New Mexico National Guard	Santa Fe, NM
10	National Guard counterdrug programs	6,000	Udall, Tom	New Mexico National Guard	Santa Fe, NM
10	National Guard counterdrug programs	4,500	Ensign	Nevada National Guard	Reno, NV
10	National Guard counterdrug programs	4,500	Reid	Joint Force Headquarters	Reno, NV
10	National Guard counterdrug programs	1,500	Bennett	Utah National Guard	Draper, UT
10	National Guard counterdrug programs	7,000	NMR	National Guard Bureau	Various
	MISCELLANEOUS AUTHORIZATIONS				
	National Guard support to secure the southern land border of the United States	700,000	NMR	National Guard Bureau	Arizona, California, New Mexico, and Texas

WEAPONS ACTIVITIES

Line	Description	Amount (In Thousands)	Member	Suggested Recipient	Suggested Location of Performance
	WEAPONS ACTIVITIES				
	08-D-802, High explosive Pressing Facility, Pantex Plant, Amarillo, ${\rm TX}$	10,000	NMR	Pantex Plant	Amarillo, TX
	09-D-107, LANSCE Refurbishment, Los Alamos National Laboratory	20,000	Bingaman	Los Alamos National Laboratory	Los Alamos, NM
	FIRP Operations and maintenance	25,000	NMR	NNSA	Various
	Los Alamos National Lab PF-4	10,000	NMR	Los Alamos National Laboratory	Los Alamos, NM
	Management, technology, and production	10,000	NMR	NNSA	Various
	NIF diagnostics, cryogenics and experimental support	3,000	NMR	Lawrence Livermore National Laboratory	Livermore, CA
	Pantex	10,000	NMR	Pantex Plant	Amarillo, TX
	Y-12	10,000	NMR	Y-12 National Security Complex	Oak Ridge, TN
	DEFENSE NUCLEAR NONPROLIFERATION				
	Megaports	20,000	NMR	NNSA	Various
	Nonproliferation operations and maintenance	8,000	NMR	NNSA	Various
	U.S. plutonium disposition	20,000	NMR	NNSA	Various

Account	State / Country	Installation	Project Title	Amount (In Thousands)	Member
ARMY GUARD	ALABAMA	FT MCCLELAN	Live Fire Shoot House	5,635	Sessions
ARMY GUARD	ALABAMA	FT MCCLELAN	Live Fire Shoot House	5,635	Shelby
AIR GUARD	ALABAMA	MONTGOMERY REGIONAL AIRPORT (ANG) BASE	Replace Squad Ops Facility	7,500	Sessions
AIR GUARD	ALABAMA	MONTGOMERY REGIONAL AIRPORT (ANG) BASE	Replace Squad Ops Facility	7,500	Shelby
AIR GUARD	ALASKA	EIELSON AFB	Add / Alter Communications Facility	6,500	Begich
AIR GUARD	ALASKA	EIELSON AFB	Add / Alter Communications Facility	6,500	Murkowski
AIR FORCE	ALASKA	ELMENDORF AFB	DOD Joint Regional Fire Training Facility	6,600	Begich
AIR FORCE	ALASKA	ELMENDORF AFB	DOD Joint Regional Fire Training Facility	6,600	Murkowski
ARMY GUARD	ARKANSAS	FT CHAFFEE	Convoy Live Fire/Entry Control Point Range	3,500	Lincoln
ARMY GUARD	ARKANSAS	FT CHAFFEE	Convoy Live Fire/Entry Control Point Range	3,500	Pryor
AIR GUARD	ARKANSAS	LITTLE ROCK AFB	Fuel Cell and Corrosion Control Hanger	10,120	Lincoln
AIR GUARD	ARKANSAS	LITTLE ROCK AFB	Fuel Cell and Corrosion Control Hanger	10,120	Pryor
AIR FORCE	CALIFORNIA	EDWARDS AFB	Flightline Fire Station	15,500	Boxer
AIR FORCE	CALIFORNIA	EDWARDS AFB	Flightline Fire Station	15,500	Feinstein
AIR FORCE	COLORADO	BUCKLEY AFB	Land Acquisition	10,000	Bennet
AIR FORCE	COLORADO	BUCKLEY AFB	Land Acquisition	10,000	Udall, Mark
NAVY	CONNECTICUT	NSB NEW LONDON	Submarine Group 2 Headquarters	12,930	Dodd
NAVY	CONNECTICUT	NSB NEW LONDON	Submarine Group 2 Headquarters	12,930	Lieberman
AIR GUARD	DELAWARE	DE ANG, NEW CASTLE COUNTY AIRPORT	C-130 Aircraft Maintenance Shops (Phase III)	8,700	Carper

Account	State / Country	Installation	Project Title	Amount (In Thousands)	Member
AIR GUARD	DELAWARE	DE ANG, NEW CASTLE COUNTY AIRPORT	C-130 Aircraft Maintenance Shops (Phase III)	8,700	Kaufman
NAVY	FLORIDA	NAVSUP PANAMA CITY	Land acquisition	5,960	Nelson, Bill
AIR FORCE	FLORIDA	PATRICK AFB	Relocate Main Gate	8,000	Nelson, Bill
ARMY	GEORGIA	FT GORDON	Qualification Training Range	8,100	Chambliss
ARMY	GEORGIA	FT GORDON	Qualification Training Range	8,100	Isakson
NAVY	HAWAII	NAVSTA PEARL HARBOR	Fire Station, West Loch	9,084	Akaka
NAVY	HAWAII	NAVSTA PEARL HARBOR	Fire Station, West Loch	9,084	Inouye
NAVY	HAWAII	NAVSTA PEARL HARBOR	Pre-Fab Bridge Nohili Ditch	300	Akaka
NAVY	HAWAII	NAVSTA PEARL HARBOR	Pre-Fab Bridge Nohili Ditch	3,560	Inouye
NAVY	HAWAII	PACIFIC MISSILE RANGE FACILITY	Replace North Loop Electrical Distribution System	9,100	Akaka
NAVY	HAWAII	PACIFIC MISSILE RANGE FACILITY	Replace North Loop Electrical Distribution System	9,100	Inouye
NAVY	HAWAII	PEARL HARBOR NAVAL SHIPYARD	Welding School Shop Consolidation	5,780	Akaka
NAVY	HAWAII	PEARL HARBOR NAVAL SHIPYARD	Welding School Shop Consolidation	5,780	Inouye
ARMY RES.	ILLINOIS	ROCKFORD USARC	Army Reserve Center	13,000	Burris
ARMY RES.	ILLINOIS	ROCKFORD USARC	Army Reserve Center	13,000	Durbin
ARMY GUARD	IOWA	CAMP DODGE	Combined Arms Collective Training Facility	5,700	Harkin
AIR GUARD	IOWA	DES MOINES	Corrosion Control Hanger	4,700	Harkin
ARMY GUARD	KANSAS	TOPEKA ARMY AVIATION SUPPORT FACILITY	Taxiway, Parking Ramps and Hanger Alterations	9,036	Brownback
ARMY GUARD	KANSAS	TOPEKA ARMY AVIATION SUPPORT FACILITY	Taxiway, Parking Ramps and Hanger Alterations	9,036	Roberts

Account	State / Country	Installation	Project Title	Amount (In Thousands)	Member
ARMY	KENTUCKY	FT CAMPBELL	Infantry Squad Battle Course	3,000	McConnell
DEF-WIDE	KENTUCKY	FT CAMPBELL	Landgraf Hangar Addition, 160th SOAR	3,600	Alexander
ARMY	KENTUCKY	FT KNOX	Rail Head Upgrade	14,000	McConnell
ARMY	KENTUCKY	FT CAMPBELL	Shoot House	3,300	McConnell
ARMY	LOUISIANA	FT POLK, LOUISIANA	Emergency Services Center	5,200	Landrieu
ARMY	LOUISIANA	FT POLK, LOUISIANA	Emergency Services Center	5,200	Vitter
NAVY	MAINE	PORTSMOUTH NAVAL SHIPYARD	Consolidation of Structural Shops	17,240	Collins
NAVY	MAINE	PORTSMOUTH NAVAL SHIPYARD	Consolidation of Structural Shops	17,240	Snowe
NAVY	MARYLAND	NSWC, INDIAN HEAD	Advanced Energetics Research Lab Complex Phase 2	12,810	Cardin
NAVY	MARYLAND	NSWC, INDIAN HEAD	Advanced Energetics Research Lab Complex Phase 2	12,810	Mikulski
AIR GUARD	MASSACHUSETTS	BARNES MUNICIPAL AIRPORT	Additions and Renovations to Building 15	6,000	Kerry
ARMY GUARD	MICHIGAN	CAMP GRAYLING RANGE	Barracks Replacement, Phase II	17,100	Levin
ARMY GUARD	MICHIGAN	CAMP GRAYLING RANGE	Barracks Replacement, Phase II	17,100	Stabenow
ARMY GUARD	MICHIGAN	CAMP GRAYLING RANGE	Light Demolition Range	1,595	Levin
AIR GUARD	MICHIGAN	ALPENA COMBAT READINESS TRAINING CENTER	Replace Troop Quarters, Phase II	9,600	Levin
AIR GUARD	MICHIGAN	ALPENA COMBAT READINESS TRAINING CENTER	Replace Troop Quarters, Phase II	9,600	Stabenow
NAVY	MISSISSIPPI	NCBC GULFPORT	Branch Health Clinic	10,160	Cochran
NAVY	MISSISSIPPI	NCBC GULFPORT	Branch Health Clinic	11,016	Wicker
DEF-WIDE	MISSISSIPPI	STENNIS SPACE CENTER	SOF Western Maneuver Area (Phase II)	8,750	Cochran

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DEF-WIDE	MISSISSIPPI	STENNIS SPACE CENTER	SOF Western Maneuver Area (Phase II)	8,750	Wicker
DEF-WIDE	MISSISSIPPI	STENNIS SPACE CENTER	SOF Western Maneuver Area (Phase III)	7,778	Cochran
DEF-WIDE	MISSISSIPPI	STENNIS SPACE CENTER	SOF Western Maneuver Area (Phase III)	7,778	Wicker
ARMY GUARD	MISSOURI	FT LEONARD WOOD	Regional Training Institute	13,800	Bond
AIR FORCE	MONTANA	MALMSTROM AFB	Physical Fitness Center, Phase II	8,000	Baucus
AIR FORCE	MONTANA	MALMSTROM AFB	Physical Fitness Center, Phase II	8,000	Tester
AIR FORCE	NEBRASKA	OFFUTT AFB	Kenney/Bellevue Gates	11,000	Nelson, Ben
AIR FORCE	NEVADA	NELLIS AFB	Communication Network Control Ctr	11,400	Ensign
AIR FORCE	NEVADA	NELLIS AFB	Communication Network Control Ctr	11,400	Reid
ARMY GUARD	NEVADA	NEVADA NATIONAL GUARD	Las Vegas Field Maintenance Shop	11,500	Ensign
ARMY GUARD	NEVADA	NEVADA NATIONAL GUARD	Las Vegas Field Maintenance Shop	11,500	Reid
AIR GUARD	NEW JERSEY	177TH FIGHTER WING, ATLANTIC CITY	Fuel Cell and Corrosion Control Hanger	8,500	Lautenberg
AIR GUARD	NEW JERSEY	177TH FIGHTER WING, ATLANTIC CITY	Fuel Cell and Corrosion Control Hanger	8,500	Menendez
AIR FORCE	NEW MEXICO	CANNON AFB	Family Support Center	3,200	Bingaman
AIR FORCE	NEW MEXICO	CANNON AFB	Family Support Center	3,200	Udall, Tom
AIR FORCE	NEW MEXICO	KIRTLAND AFB	Military Working Dog Facility	4,400	Bingaman
AIR FORCE	NEW MEXICO	KIRTLAND AFB	Military Working Dog Facility	4,400	Udall, Tom
ARMY	NEW YORK	FT DRUM	Construct Railhead Loading Area	7,400	Gillibrand
ARMY	NEW YORK	FT DRUM	Construct Railhead Loading Area	7,500	Schumer
DEF-WIDE	NORTH CAROLINA	FT BRAGG	SOF Baffle Containment for Range 19C	7,200	Burr
DEF-WIDE	NORTH CAROLINA	FT BRAGG	SOF Baffle Containment for Range 19C	7,200	Hagan

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DEF-WIDE	NORTH CAROLINA	FT BRAGG	SOF Medical Support Addition	3,800	Burr
DEF-WIDE	NORTH CAROLINA	FT BRAGG	SOF Medical Support Addition	3,889	Hagan
AIR FORCE	NORTH DAKOTA	GRAND FORKS AFB	Central Deployment Center	13,000	Conrad
AIR FORCE	NORTH DAKOTA	GRAND FORKS AFB	Central Deployment Center	13,000	Dorgan
AIR GUARD	OHIO	TOLEDO EXPRESS AIRPORT	Replace Security Forces Complex	7,300	Brown, Sherrod
AIR GUARD	OHIO	TOLEDO EXPRESS AIRPORT	Replace Security Forces Complex	7,300	Voinovich
AIR FORCE	OKLAHOMA	TINKER AFB	Air Traffic Control Tower	9,300	Inhofe
AIR GUARD	OREGON	KINGSLEY FIELD ANG BASE	Replace Fire Station	7,000	Merkley
AIR GUARD	OREGON	KINGSLEY FIELD ANG BASE	Replace Fire Station	7,000	Wyden
NAVY	PENNSYLVANIA	NAVAL SUPPORT ACTIVITY MECHANICSBURG	North Gate Security Improvements	5,710	Casey
NAVY	PENNSYLVANIA	NAVAL SUPPORT ACTIVITY MECHANICSBURG	North Gate Security Improvements	5,710	Specter
NAVY	PENNSYLVANIA	NAVSUPPACT MECHANICSBURG	Quiet Propulsion Load House	7,630	Casey
NAVY	PENNSYLVANIA	NAVSUPPACT MECHANICSBURG	Quiet Propulsion Load House	7,630	Specter
AIR GUARD	RHODE ISLAND	QUONSET STATE AIRPORT	C-130 Parking Apron	1,800	Reed
NAVY	RHODE ISLAND	NAVSTA NEWPORT	Gate Improvements	4,950	Reed
NAVY	RHODE ISLAND	NAVSTA NEWPORT	Submarine Payloads Integration Laboratory	11,990	Reed
AIR GUARD	SOUTH CAROLINA	MCENTIRE	Joint Deployment Processing and Readiness Center-Phase One	9,100	Graham
AIR GUARD	SOUTH DAKOTA	JOE FOSS FIELD	Aircraft Maintenance Shops	12,800	Johnson
AIR GUARD	SOUTH DAKOTA	JOE FOSS FIELD	Aircraft Maintenance Shops	12,800	Thune
AIR FORCE	SOUTH DAKOTA	ELLSWORTH AFB	Maintenance Training Facility	12,200	Johnson

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AIR FORCE	SOUTH DAKOTA	ELLSWORTH AFB	Maintenance Training Facility	12,200	Thune
AIR GUARD	TENNESSEE	MCGHEE TYSON ANG BASE	Hobbs Road Acquisition	6,500	Alexander
ARMY RES.	TEXAS	FT HOOD	Army Reserve Center	15,500	Hutchison
AIR FORCE	TEXAS	RANDOLPH AFB	Constr Fire Crash Rescue Sta	12,500	Cornyn
AIR FORCE	TEXAS	RANDOLPH AFB	Constr Fire Crash Rescue Sta	12,500	Hutchison
AIR FORCE	UTAH	HILL AFB	Consolidated Transportation Facilities, Phase I	7,300	Bennett
AIR FORCE	UTAH	HILL AFB	Consolidated Transportation Facilities, Phase I	7,300	Hatch
AIR GUARD	VERMONT	BURLINGTON INTERNATIONAL AIRPORT	Upgrade Taxiways and Replace Arm/Disarm Pads	11,000	Leahy
AIR GUARD	VERMONT	BURLINGTON INTERNATIONAL AIRPORT	Upgrade Taxiways and Replace Arm/Disarm Pads	11,000	Sanders
NAVY	VIRGINIA	DAHLGREN NSWC	Building 1200 -Missile Support Facility Replacement Phase 1	9,730	Warner
NAVY	VIRGINIA	DAHLGREN NSWC	Building 1200 -Missile Support Facility Replacement Phase 1	9,730	Webb
AIR FORCE	WASHINGTON	MCCHORD AFB	Collocated Chapel/Family Support Center	10,400	Murray
AIR FORCE	WASHINGTON	FAIRCHILD AFB	Precision Measurement Equipment Laboratory (PMEL) Facility	3,500	Murray
AIR GUARD	WEST VIRGINIA	YEAGER AFB	Communications Training Fac.	6,250	Byrd
AIR GUARD	WEST VIRGINIA	YEAGER AFB	Force Protection/Antiterrorism	13,000	Byrd
AIR GUARD	WISCONSIN	GENERAL MITCHELL INTERNATIONAL AIRPORT	Replace Fire Station	8,000	Kohl
DEF-WIDE	WORLDWIDE UNSPECIFIED	UNSPECIFIED WORLDWIDE LOCATIONS	CONTINGENCY CONSTRUCTION	7,000	NMR

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DEF-WIDE	WORLDWIDE UNSPECIFIED	UNSPECIFIED WORLDWIDE LOCATIONS	ENERGY CONSERVATION IMPROVEMENT PROGRAM	170,000	NMR
AIR FORCE	WORLDWIDE UNSPECIFIED	UNSPECIFIED WORLDWIDE LOCATIONS	PLANNING & DESIGN	20,000	NMR
AIR GUARD	WORLDWIDE UNSPECIFIED	UNSPECIFIED WORLDWIDE LOCATIONS	PLANNING & DESIGN	15,000	NMR
DEF-WIDE	WORLDWIDE UNSPECIFIED	UNSPECIFIED WORLDWIDE LOCATIONS	PLANNING AND DESIGN	20,000	NMR
ARMY RES.	WORLDWIDE UNSPECIFIED	UNSPECIFIED WORLDWIDE LOCATIONS	PLANNING AND DESIGN	5,000	NMR
NAVY	WORLDWIDE UNSPECIFIED	UNSPECIFIED WORLDWIDE LOCATIONS	PLANNING AND DESIGN	20,000	NMR
ARMY GUARD	WORLDWIDE UNSPECIFIED	UNSPECIFIED WORLDWIDE LOCATIONS	PLANNING AND DESIGN	10,000	NMR
ARMY	WORLDWIDE UNSPECIFIED	UNSPECIFIED WORLDWIDE LOCATIONS	PLANNING AND DESIGN FY11	10,000	NMR