

Congressman Steve Rothman
Appropriations Requests made for Fiscal Year 2010
(listed alphabetically)

Proposed Recipient: Able Technologies, LLC

Address: 330 Audubon Road, Englewood, NJ 07631

Project Title: Electricity Generating Wave Pipe

Amount Requested: \$145,000

Justification: Funding would be used for the development and wave tank testing of the Electricity Generating Wave Pipe, which will provide valuable information about this wave energy conversion system that could lead to extensive clean energy production using the kinetic motion of ocean waves.

Proposed Recipient: Absecon Mills, Inc

Address: PO Box 672, Cologne, NJ 08213

Project Title: Non Traditional Weaving Application for Aramid Fibers and Fabrics

Amount Requested: \$3,586,675

Justification: This project is intended to produce lighter body armor with enhanced protection. This will not only benefit our troops by providing them with greater ease of movement, but it will directly benefit the taxpayer by being more cost effective and providing skilled jobs in New Jersey.

Proposed Recipient: A Child Is Missing (ACIM)

Address: 500 SE 17th St, #101, Ft. Lauderdale, FL 33316

Project Title: A Child Is Missing-New Jersey

Amount Requested: \$275,000

Justification: Funding will help A Child Is Missing (ACIM) assist all the law enforcement agencies in NJ find missing children and elderly adults. When a person is reported missing to the police, ACIM utilizes the latest technology to place 1,000 emergency phone calls every 60 seconds to residents and businesses in the area where the person was last seen.

Proposed Recipient: Alliant Techsystems, Inc.

Address: 1300 Wilson Boulevard, Arlington, VA 22209

Project Title: Mortar Anti-Personnel/Anti-Materiel (MAPAM) Technology

Amount Requested: \$4,000,000

Justification: Funds will help to produce more lethal and accurate munitions. This project will increase combat capability and reduce the weight of mortar shells.

Proposed Recipient: All Saints Community Service and Development Corporation

Address: 601 Jackson Street, Hoboken, NJ 07030

Project Title: Jubilee Center Children's Program

Amount Requested: \$250,000

Justification: This project will provide children living in public housing with academic tutoring, computer training, arts and cultural activities, and healthy meals and physical education. It also provides a safe environment for children allowing their parents or guardians a better opportunity to be gainfully employed.

Proposed Recipient: All Saints Community Service and Development Corporation

Address: 601 Jackson Street, Hoboken, NJ 07030

Project Title: Jubilee Center Computer Lab

Amount Requested: \$245,000

Justification: This funding request would support the creation of a computer lab for children, teens, and adults from low income families. This lab would provide critical access to computers, software and the internet which will help residents excel in school and provide training to prepare them for higher education or employment.

Proposed Recipient: Army Corps of Engineers

Address: 26 Federal Plaza, Room 2109, New York, NY 10007

Project Title: Barnegat Inlet to Little Egg Inlet (New Jersey)

Amount Requested: \$25,000,000

Justification: The New Jersey Long Beach Island (LBI) project was authorized by Congress for construction in FY2004. It is critical to keep this project on track to maintain the integrity of the work already completed as well as planned work, and to extend that work to other portions of the Island. The project will provide hurricane and storm erosion protection with a beach-fill and dune along the oceanfront of Long Beach Island.

Proposed Recipient: Army Corps of Engineers

Address: 26 Federal Plaza, Room 2109, New York, NY 10007

Project Title: Hudson Raritan Estuary Lower Passaic River Study (New Jersey)

Amount Requested: \$500,000

Justification: Funds will be used to continue a study to develop a comprehensive watershed-based plan for the restoration of the Lower Passaic River Basin. The plan will address the need for remedial actions and will also identify ecosystem restoration opportunities in the study area.

Proposed Recipient: Army Corps of Engineers

Address: 26 Federal Plaza, Room 2109, New York, NY 10007

Project Title: Hudson Raritan Estuary Hackensack Meadowlands Study (New Jersey)

Amount Requested: \$250,000

Justification: These funds will go towards the completion of an Army Corps of Engineers study to determine the feasibility of restoring wetlands and assessing toxic waste remediation potential.

Proposed Recipient: Army Corps of Engineers

Address: 26 Federal Plaza, Room 2109, New York, NY 10007

Project Title: Lower Saddle River Flood Control Study (New Jersey)

Amount Requested: \$500,000

Justification: This funding will provide for continuing the Limited Evaluation Report that updates the economics, hydrology and hydraulics, and design of possible channel modifications to prevent flooding along the Lower Saddle River in northern New Jersey.

Proposed Recipient: Army Corps of Engineers

Address: 26 Federal Plaza, Room 2109, New York, NY 10007

Project Title: Newark Bay, Hackensack and Passaic Rivers (New Jersey)

Amount Requested: \$9,000,000

Justification: Funds will go toward annual maintenance dredging, which includes the main channel and several secondary branch and pierhead channels. Maintenance dredging is critical to the commerce of this federal navigation channel.

Proposed Recipient: Army Corps of Engineers

Address: 26 Federal Plaza, Room 2109, New York, NY 10007

Project Title: Upgrade of the Peach Island Creek Tide Gates System (New Jersey)

Amount Requested: \$763,931

Justification: This project would upgrade the dilapidated tide gates structure located in the commercial/industrial area within the Borough of Carlstadt, Bergen County, NJ. Currently, the tidal gates provide an ineffective safeguard against flooding.

Proposed Recipient: Army Corps of Engineers

Address: 26 Federal Plaza, Room 2109, New York, NY 10007

Project Title: Upgrade of the West Riser Tide Gates System

Amount Requested: \$846,425

Justification: This project would upgrade the inferior West Riser Tide Gates located at the tidal terminus of Berry's Creek, in the Borough of Moonachie, Bergen County, NJ. Currently, the tidal gates provide an insufficient safeguard against flooding.

Proposed Recipient: ATK Energetics Systems

Address: Radford Army Ammunition Plant, Radford, VA 24141

Project Title: Insensitive Munitions (IM) Manufacturing Technology (MANTECH)

Amount Requested: \$9,500,000

Justification: These funds will keep our troops safer by enabling the Army to produce Insensitive Munitions (IM), which are ordinances that will only detonate when used for their intended purpose.

Proposed Recipient: Autism New Jersey

Address: 1450 Parkside Avenue, Suite 22, Ewing, NJ 08638

Project Title: Autism New Jersey Navigator Pilot Project

Amount Requested: \$225,000

Justification: The project would be to develop a website to assist individuals, families, caregivers and professionals impacted by autism spectrum disorders (ASDs) navigate the service delivery system in New Jersey. Autism New Jersey will provide dynamic, up-to-date information to those who have been diagnosed with an ASD, their loved ones, and the professionals who support them.

Proposed Recipient: BAE Systems

Address: 100 Campus Drive, Totowa, NJ 07512

Project Title: C-130J AN/ALR-56M Radio Warning Receiver (RWR) Digital Upgrade

Amount Requested: \$6,000,000

Justification: Funds will support the integration and testing of a digital upgrade to the radar warning receiver for the C-130J (turboprop military transport plane).

Proposed Recipient: BAE Systems

Address: 100 Campus Drive, Totowa, NJ 07512

Project Title: Smart Application Framework for Battle Command

Amount Requested: \$5,000,000

Justification: Funds will help to develop computer software and hardware to create a network environment to improve battlefield command, control, and collaboration.

Proposed Recipient: Bergen Community College

Address: 400 Paramus Road, Paramus, NJ 07652-1595

Project Title: Regional Pathway to Safety and Security Workforce Development

Amount Requested: \$260,000

Justification: This program will increase the number of skilled first responders, criminal justice, and homeland security professionals to meet growing workforce development needs in the region.

Proposed Recipient: Bergen County, NJ

Address: One Bergen County Plaza, Hackensack, NJ 07601

Project Title: Community Quiet Zones

Amount Requested: \$2,000,000

Justification: This effort will fund a study aimed toward reducing noise pollution and train horn blares (particularly during overnight hours) in Bergen County's many residential communities that have railroad tracks.

Proposed Recipient: Bergen County, NJ

Address: One Bergen County Plaza, Hackensack, NJ 07601

Project Title: County-Wide Public Safety Radio Communication System

Amount Requested: \$8,000,000

Justification: This funding will allow the County to provide efficient wireless communication for all public safety and service agencies with seamless interoperability.

Proposed Recipient: Bergen County, NJ

Address: One Bergen County Plaza, Hackensack, NJ 07601

Project Title: Route 17 and Passaic Street Improvements

Amount Requested: \$5,000,000

Justification: This project represents a critical improvement to the key north/south artery through Bergen County: the interchange of Passaic Street and Route 17. Funds will be used to increase the roadway system capacity to relieve congestion, enhance safety, ensure regional mobility, and preserve access to regional activity centers.

Proposed Recipient: Bergen County, NJ

Address: One Bergen County Plaza, Hackensack, NJ 07601

Project Title: Specialized Bus Transit

Amount Requested: \$6,500,000

Justification: Funds will be used for the purchase of new buses for Bergen County's proposed state-of-the-art bus system.

Proposed Recipient: Bergen County Improvement Authority (BCIA)

Address: One Bergen County Plaza, Room 333, Hackensack, NJ 07601

Project Title: Renovations at the Bergen Regional Medical Center

Amount Requested: \$7,500,000

Justification: This funding will be used to renovate the Bergen Regional Medical Center to better care for patients. Specifically, this project will focus on structural improvements to the intensive care and the long term care units. The average age of the facilities on campus is 60 years and most are in need of serious repair and renovation.

Proposed Recipient: Bergen County Improvement Authority (BCIA)
Address: One Bergen County Plaza, Room 333, Hackensack, NJ 07601
Project Title: Overpeck Greenway Initiative
Amount Requested: \$7,000,000

Justification: The Overpeck Greenway Initiative will create one of the largest, community-based "greenways" in the State of New Jersey in the heart of one of the most urbanized areas of the state, and indeed, the country. Federal funds will help Bergen County finalize plans to ensure the maximum open access to the greenway, its park, nature trails system, and community-accessible facilities.

Proposed Recipient: Bergen County Improvement Authority (BCIA)
Address: One Bergen County Plaza, Room 333, Hackensack, NJ 07601
Project Title: Transitional Housing and Health Initiative for the Psychiatric Disabled
Amount Requested: \$1,250,000

Justification: Funds will help Bergen County assist individuals who struggle with significant chronic psychiatric disabilities by renovating the housing facilities used to treat these patients.

Proposed Recipient: Bergen County Utilities Authority (BCUA)
Address: Foot of Mehrhof Road, P.O. Box 9, Little Ferry, NJ 07643
Project Title: Wastewater Treatment Plant Upgrades
Amount Requested: \$1,000,000

Justification: This project will upgrade several aspects of the wastewater system in Bergen County, facilitating a savings to ratepayers and an improved environment. It will address the flows which currently bypass the existing treatment plant and discharge directly into the Hudson River.

Proposed Recipient: Bergen Performing Arts Center (BergenPAC)
Address: 30 North Van Brunt Street, Englewood, NJ 97631
Project Title: Creating a Model Arts Education Plan
Amount Requested: \$500,000

Justification: Funding will be used to implement an arts education and community outreach program at the theater.

Proposed Recipient: Bergen Performing Arts Center (BergenPAC)
Address: 30 North Van Brunt Street, Englewood, NJ 97631
Project Title: Development of a Broadcast Hub
Amount Requested: \$500,000

Justification: In order to become the state's first major hub for recorded and broadcast live performances and generate income for a city that has been classified as an "Urban Enterprise Zone" BergenPAC needs to upgrade its technical capabilities and media broadcast facility. These funds will help the theater improve its ability to record and broadcast, thus making it

an engine of economic vitality for the city, attracting artists, encouraging job growth, and becoming a significant positive catalyst to tourism and tax revenues.

Proposed Recipient: Bergen Performing Arts Center (BergenPAC)

Address: 30 North Van Brunt St, Englewood, NJ 07631

Project Title: Energy Effectiveness in Historic Buildings

Amount Requested: \$500,000

Justification: BergenPAC's energy effectiveness proposal will utilize modern-day technologies that will reduce energy consumption by two-thirds of its current rate, enhance overall productivity, and create an environment that is safer and cleaner for the community it serves, reducing the Center's carbon footprint.

Proposed Recipient: Big Brothers Big Sisters (BBBS) Foundation of New Jersey

Address: 1259 Route 46 East, Building 3, Parsippany, NJ 07054

Project Title: New Jersey Mentoring Initiative

Amount Requested: \$895,000

Justification: Funds will be distributed to ten local BBBS agencies that service 19 counties in order to strengthen and expand one-to-one mentoring programs for at-risk youth. Additional funds will support the expansion of services to two new counties, Middlesex and Sussex. BBBS will also coordinate a statewide effort to recruit volunteer mentors and will host a statewide best practices conference for other mentoring programs.

Proposed Recipient: Bogota, NJ Public Schools

Address: 1 Henry C. Luthin Place, Bogota, NJ 07603-1126

Project Title: First in Science and Technology

Amount Requested: \$300,000

Justification: The funds will be used to build a science laboratory and secure computers and teaching supplies to equip that space.

Proposed Recipient: Bogota, NJ

Address: 375 Larch Avenue, Bogota, NJ 07603

Project Title: Bogota Streetscape

Amount Requested: \$1,125,000

Justification: This project includes the repair and beautification of various streets and roadways within the Borough of Bogota. Funds will be used to remove dead/diseased trees, replace aged and damaged curbs and sidewalks and resurface streets to enhance the residential/commercial area and create an esthetically pleasing streetscape.

Proposed Recipient: Carbozyme, Inc.

Address: 1 Deer Park Drive, #L-2, Monmouth Junction, NJ 08852

Project Title: Inexpensive Oxygen for Fossil Fuel Plants

Amount Requested: \$3,022,236

Justification: Generating inexpensive oxygen is one of the biggest technical hurdles remaining for zero-emission fossil fuel combustion. Carbozyme has demonstrated at small lab scale a proprietary process that produces very high concentration oxygen from ambient air. This project would fund the scale-up from small lab to larger tests.

Proposed Recipient: Christ Hospital

Address: 176 Palisade Avenue, Jersey City, NJ 07306

Project Title: Christ Hospital Emergency Department Upgrade Project

Amount Requested: \$1,000,000

Justification: This project will address the immediate need for an upgraded and expanded Emergency Department at Christ Hospital. Specifically, funding will be used to reconfigure existing patient space, including removing walls to facilitate better traffic flow and improved visibility, incorporate existing adjacent space, and permit the installation of new equipment. Funds will also be used to purchase a state of the art computer system to track multiple clinical activities and reduce wait times for services.

Proposed Recipient: Christian Health Care Center (CHCC)

Address: 301 Sicomac Avenue, Wyckoff, NJ 07481

Project Title: Campus-wide Security Improvements

Amount Requested: \$600,000

Justification: This project will help to improve security at the Center by installing state-of-the-art surveillance and monitoring equipment at important access points. CHCC has already installed security cameras in several high traffic entrance areas – but its 78-acre campus, which has several entrances surrounded by wooded areas and is located a short distance from a major highway, requires increased security measures and other access control features.

Proposed Recipient: Christian Health Care Center

Address: 301 Sicomac Avenue, Wyckoff, NJ 07481

Project Title: Installation of Electronic Medical Records System

Amount Requested: \$400,000

Justification: These funds are needed to fully incorporate electronic medical record system technology into CHCC's assisted living and mental health care programs. The project includes installation of wireless infrastructure, purchase of handheld monitoring devices and laptop computers, and training for staff to use this new technology. Electronic medical records will enable the Center to run more efficiently and allow assisted living residents to age in place and not require the care of a more expensive nursing-home setting.

Proposed Recipient: Christian Health Care Center

Address: 301 Sicomac Avenue, Wyckoff, NJ 07481

Project Title: Outpatient Mental-health Service and Other Ambulatory-care Program Access

Amount Requested: \$400,000

Justification: This project will enable CHCC to make its counseling center fully compliant with ADA (Americans with Disabilities Act) regulations with respect to entrances, patient-care areas, and parking facilities.

Proposed Recipient: Christian Health Care Center

Address: 301 Sicomac Avenue, Wyckoff, NJ 07481

Project Title: Southgate Special-care Nursing Facility Renovations

Amount Requested: \$1,000,000

Justification: This project includes significant renovations at the Southgate Special-care facility, including nurses stations, resident rooms, and community. These much needed upgrades will concentrate on ADA compliance and energy efficiency.

Proposed Recipient: Cliffside Park, NJ School District

Address: 525 Palisade Avenue, Cliffside Park, NJ 07010

Project Title: Club Ed Afterschool Program

Amount Requested: \$200,000

Justification: These funds will be used to support a daily after school homework club program for students who are classified as low income, special needs, Limited English Proficient (LEP), second language learners, and students at-risk. The focus of the program would be to provide the extra time to help students attain minimum proficiency standards in language arts and mathematics.

Proposed Recipient: Cliffside Park, NJ

Address: 525 Palisades Avenue, Cliffside Park, NJ 07010

Project Title: Replacement of Computer Hardware and Software for Dispatching Radio System

Amount Requested: \$270,000

Justification: The project will allow for replacement of the existing outdated dispatch radio system with new standardized, state-of-the art equipment. Response times, systems maintenance, and network security will all be improved.

Proposed Recipient: Cliffside Park, NJ

Address: 525 Palisade Avenue, Cliffside Park, NJ 07010

Project Title: School Resource Officer Program

Amount Requested: \$106,984

Justification: The Cliffside Park High School is comprised of students from Cliffside Park and the neighboring community of Fairview. In these times of financial stress providing an officer at the high school is a financial burden. This funding would allow a continued presence of a School Resource Officer at the high school.

Proposed Recipient: Cliffside Park, NJ

Address: 525 Palisade Avenue, Cliffside Park, NJ 07010

Project Title: Shared Services Public Works Facility

Amount Requested: \$3,750,000

Justification: This project will help the boroughs of Cliffside Park and Fairview to construct shared facilities for modernized public works services. The facilities will include, but are not limited to, a salt storage shed, a refueling depot, a recycling center for residents, a vehicle storage building, and supporting offices.

Proposed Recipient: CO2 Fuels, LLC

Address: 1200 Florence Columbus Rd, Bordentown, NJ 08505

Project Title: Waste CO2 converted into Liquid Fuel

Amount Requested: \$5,842,936

Justification: CO2 Fuels has developed a patented process to convert waste CO2 emitted from power plants into liquid fuel for energy use. Funding would be used to take the technology to the next testing stage.

Proposed Recipient: College of Saint Elizabeth

Address: 2 Convent Road, Morristown, NJ 07960

Project Title: Proposal to Expand and Enhance the Education of NJ Nursing and Healthcare Students

Amount Requested: \$1,000,000

Justification: This funding would support the expansion and enhancement of the college's infrastructure in order to more effectively prepare graduate and undergraduate students in the fields of nursing and health care. The funds will support the upgrading of laboratory equipment. More than 35% of the undergraduate credits taken by CSE students utilize science equipment.

Proposed Recipient: College of Saint Elizabeth

Address: 2 Convent Road, Morristown, NJ 07960

Project Title: Proposal to Build Institutional Readiness, Response, and Recovery

Amount Requested: \$590,000

Justification: This funding would be used to expand and enhance the College's technology infrastructure – ranging from teaching and learning support to emergency readiness, response, and recovery. This project is a valuable use of taxpayer dollars because it would enable the College to partner with the local community to increase emergency readiness awareness and develop an emergency plan of action.

Proposed Recipient: Consortium for Plan Biotechnology Research

Address: 100 Sylvan Drive, Suite 210, St. Simons Island, GA 31522

Project Title: Biotechnology at Rutgers and Other University Research Programs

Amount Requested: \$7,000,000

Justification: This project will fund research and technology transfer for energy security and renewable energy industries, developing new technologies for renewable energy and biofuels and creating good, high-paying jobs in New Jersey and nationwide.

Proposed Recipient: Court Appointed Special Advocates (CASA) of New Jersey

Address: 945 West State Street, Trenton, NJ 08618

Project Title: CASA Statewide Health and Education Evaluation Project

Amount Requested: \$600,000

Justification: These funds would support a new initiative to collect and store medical and educational data on each child under the care of CASA. This information would accompany the child as they change living and educational environments in an effort to maintain as much continuity in their health care and education as possible.

Proposed Recipient: Covanta Energy

Address: 40 Lane Rd, Fairfield, NJ 07004

Project Title: Conversion of Municipal Solid Waste to Renewable Diesel Fuel

Amount Requested: \$3,150,000

Justification: This project will convert solid waste to diesel fuel for military applications.

Proposed Recipient: Curesearch

Address: 4600 East West Highway, Suite 600, Bethesda, MD 20815

Project Title: Pediatric Cancer Research and Clinical Trials

Amount Requested: \$20,000,000

Justification: Funds will be used to enhance important ongoing pediatric cancer clinical trials and support the creation of new clinical trials, benefiting children of military families, civilian DOD employees, and other children.

Proposed Recipient: Dynamic Animation Systems, Inc.
Address: 12015 Lee Jackson Hwy, #200, Arlington, VA, 22206
Project Title: Virtual Interactive Combat Environment (VICE) Training Systems
Amount Requested: \$7,100,000
Justification: Funds will procure VICE training systems for the Army National Guard at Fort Dix, NJ. This includes all hardware, software, and media as well as installation and support. Using the VICE training system will result in better trained, more capable troops before they deploy overseas.

Proposed Recipient: East Rutherford, NJ
Address: 1 Everett Place, East Rutherford, NJ 07073
Project Title: East Rutherford Police & Courts Facility
Amount Requested: \$750,000
Justification: This funding will provide for completion of the communications portion of a new Police and Courts Facility. The communications infrastructure will be compliant with federal requirements and improve interoperability between Municipal, County, State, and Federal agencies operating within and around the Borough of East Rutherford. The facility also serves as the central dispatch for not only Police communications, but also for the Borough's Fire Department, EMS, and Office of Emergency Management.

Proposed Recipient: East Rutherford, NJ
Address: 1 Everett Place, East Rutherford, NJ 07073
Project Title: East Rutherford Police Department - Xanadu Division
Amount Requested: \$1,040,000
Justification: Funding would provide for the addition of sixteen police officers in order to staff a new Division of the East Rutherford Police Department tasked with the patrol and security of the Meadowlands Xanadu Project. Due to the size and diversity of this sports and entertainment venue, the East Rutherford Police Department expects to be faced with increased criminal activity, including but not limited to, fraud, narcotics, thefts/robberies, and organized crime (i.e. gangs). The addition of a well staffed Xanadu Police Division will allow for Police to take an active approach to crime prevention and suppression, while also providing swift response to accidents and emergencies in and around the Meadowlands Xanadu venue.

Proposed Recipient: Edmund Optics Pennsburg
Address: 601 Montgomery Avenue, Pennsburg, PA, 18073-1515
Project Title: Precision Molding Technology for High Volume Manufacturing of InfraRed Aspheric Optics
Amount Requested: \$3,400,000
Justification: Funds will be used to develop a cost-effective domestic manufacturing process for technologies that are critical to future InfraRed imaging and precision munitions systems necessary for strategic programs such as the Army's Future Combat System (FCS).

Proposed Recipient: Edgewater, NJ
Address: 916 River Road, Edgewater, NJ 07020
Project Title: Community Jitney Program
Amount Requested: \$265,000

Justification: Funds will be used to add two additional buses to Edgewater's established and successful Community Jitney Program. This would be needed to serve the needs of hundreds more commuters and shoppers in the area.

Proposed Recipient: Edgewater, NJ Police Department

Address: 916 River Road, Edgewater, NJ 07020

Project Title: Mobile Computer Upgrade

Amount Requested: \$35,000

Justification: The purpose of the project is to replace six aging Mobile Data Computers. The present system is over five years-old and has reached the end of its service life. Mobile data computers provide a vital link to officers in the field who are able to access a variety of law enforcement databases and enhance the safety and security of the community.

Proposed Recipient: Elmwood Park, NJ

Address: 174 Market Street, Elmwood Park, NJ 07407

Project Title: Interstate 80 Sound Barrier Wall

Amount Requested: \$500,000

Justification: This project will begin the installation of sound barrier walls along Interstate 80 in Elmwood Park in order to grant some relief to the residents living in homes where the ambient highway noise is deafening.

Proposed Recipient: Englewood Cliffs, NJ

Address: 482 Hudson Terrace, Englewood Cliffs, NJ 07632

Project Title: The Englewood Cliffs Police Firearms Replacement Project

Amount Requested: \$38,600

Justification: The project would replace the existing firearms used by officers, which have become outdated. The purchase of these weapons will improve safety for the officers by eliminating weapon malfunction or breakdown.

Proposed Recipient: Englewood Cliffs, NJ

Address: 482 Hudson Terrace, Englewood Cliffs, NJ 07632

Project Title: The Englewood Cliffs Police In-Car Video Camera Project

Amount Requested: \$49,305

Justification: The project request is to replace the existing In-Car Video cameras that have become obsolete and are beginning to break down. The new system would allow the video images to be stored digitally and copied onto a DVD, eliminating the need for additional storage space for video cassettes. The use of in-car video has many advantages during prosecution of criminal and motor vehicle offenses.

Proposed Recipient: Englewood Cliffs, NJ

Address: 482 Hudson Terrace, Englewood Cliffs, NJ 07632

Project Title: The Englewood Cliffs Schools, Parks and Highway Video Monitoring System

Amount Requested: \$100,000

Justification: Funding would provide for the installation of video camera monitoring systems on borough schools, municipal parks and on Route 9W, which will expedite police responses and enhance the safety of children, adults, and the motoring public in, around and commuting through Englewood Cliffs.

Proposed Recipient: Englewood, NJ

Address: 2-10 North Van Brunt Street, Englewood, NJ 07631

Project Title: Communications Center Replacement

Amount Requested: \$161,950

Justification: The 25 year-old communications system at the Englewood Police Department does not function properly. Parts are no longer available or manufactured to make repairs. The replacement of undependable and antiquated communications equipment will foster the ability to maintain public safety in this vital region and participate in regional and national security initiatives.

Proposed Recipient: Englewood, NJ

Address: 2-10 North Van Brunt St, Englewood, NJ 07631

Project Title: Solar Panels on the Englewood Municipal Building

Amount Requested: \$165,000

Justification: The City of Englewood is currently renovating the Municipal Building. The restoration will include LEEDS-certification for energy conservation and includes the construction of a new roof and the placement of solar panels on that roof, making the city a leader in energy efficiency.

Proposed Recipient: Englewood Hospital and Medical Center

Address: 350 Engle Street, Englewood, NJ 07631

Project Title: Clinical Information Decision Support System (CIDS)

Amount Requested: \$5,000,000

Justification: Englewood Hospital and Medical Center (EHMC) is requesting \$5,000,000 to purchase and install a Clinical Information and Decision Support (CIDS) system. EHMC currently has a twelve year-old clinical information system through which all orders are placed. It provides care information (orders and results) managed by a number of disparate, out-dated, and disconnected systems which hinder efficient patient care. This new equipment will provide a centralized, comprehensive information management system.

Proposed Recipient: Englewood Hospital and Medical Center

Address: 350 Engle Street, Englewood, NJ 07631

Project Title: Institute for the Advancement of Bloodless Medicine

Amount Requested: \$1,866,000

Justification: Funds will be used to teach military doctors and nurses blood management techniques to support their clinical practice during wartime efforts. The implementation of blood management programs will save lives and money for the Department of Defense.

Proposed Recipient: Englewood Hospital and Medical Center

Address: 350 Engle Street, Englewood, NJ 07631

Project Title: Purchase of a Radio-Surgical Treatment System

Amount Requested: \$5,000,000

Justification: These funds would be used to purchase a radio-surgical planning system. This system would deliver more effective and more precise radiation treatment for cancer patients.

Proposed Recipient: Essex County, NJ

Address: 465 Martin Luther King Jr Blvd, Newark, NJ 07102

Project Title: Essex County Landmark Energy Efficiency Upgrade

Amount Requested: \$696,000

Justification: This project—replacement of the 100-year-old windows at historic Kip’s Castle Park—will save taxpayers money by reducing the County government’s energy costs and carbon footprint, in keeping with national goals of reducing energy consumption.

Proposed Recipient: Essex County, NJ

Address: 465 Martin Luther King Jr Blvd, Newark, NJ 07102

Project Title: Environmental Center Solar Panels

Amount Requested: \$ 861,080

Justification: Funding will be used to install solar panels on the roof of the Essex County Environmental Center. The panels will generate energy to run a model home demonstration of renewable vs. non-renewable energy. This project supports a national focus on saving the environment through conserving energy and using more environmentally sound, renewable energy sources.

Proposed Recipient: Essex County, NJ

Address: 465 Martin Luther King, Jr. Blvd, Newark, NJ 07102

Project Title: Resource Center for Small Businesses

Amount Requested: \$240,450

Justification: No resource center currently exists in Essex County that focuses on helping women and minority owned small businesses with development and marketing assistance. The County of Essex wants to help these small businesses learn how to realize their potential.

Proposed Recipient: Essex County on behalf of Essex County Hospital Center

Address: 465 Martin Luther King, Jr. Blvd, Newark, NJ 07102

Project Title: Promoting Healthy Behavior to Prevent Type 2 Diabetes in Severely Mentally Ill Individuals

Amount Requested: \$1,075,000

Justification: These funds would be used to establish a community monitoring and intervention program for severely mentally ill individuals who are identified as at a high risk for Type 2 Diabetes and other conditions associated with Metabolic Syndrome.

Proposed Recipient: Elusys Therapeutics, Inc.

Address: 25 Riverside Drive, PO Box 102, Pine Brook, NJ 07058-9391

Project Title: Field-Ready, Intramuscular Anthrax Therapeutic

Amount Requested: \$1,672,000

Justification: Funds will go toward the development of an anthrax anti-toxin that can be stored and deployed rapidly at military installations across the globe to protect warfighters, military support personnel, civilians and their collective families following exposure to anthrax in the case of a biowarfare attack.

Proposed Recipient: Eurasia Foundation

Address: 1350 Connecticut Ave NW, Suite 1000, Washington, DC 20036

Project Title: Eurasia Foundation

Amount Requested: \$15,000,000

Justification: Funding would support Eurasia Foundation’s social and economic development programs in the region designed to encourage cross-border cooperation, democracy building, and private enterprise development. It is in the strategic interests of the United States to

continue intensive engagement and cooperation with the countries of Eurasia, which include Afghanistan, Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, the Kyrgyz Republic, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan.

Proposed Recipient: Fairview, NJ

Address: 790 Fairview Ave, Fairview, NJ 07022

Project Title: Fairview Department of Public Works Building and Site Improvements

Amount Requested: \$ 885,000

Justification: This project would replace and enlarge the existing Department of Public Works garage with a prefabricated metal building, and reconfigure the site to coordinate with the Cliffside Park shared facilities building on an adjacent lot. The new building will incorporate energy efficient elements including solar panels, greatly increasing the department's energy efficiency.

Proposed Recipient: Fairleigh Dickinson University

Address: 1000 River Road, H-DH1-03, Teaneck, NJ 07666

Project Title: Latino Education Pipeline

Amount Requested: \$800,000

Justification: The funding requested would be used to help Latino/Latina youth and adults gain access to, and find success in, higher education. Funding would be used to expand access to and content in the Puerta al Futuro program, which helps adult students move from a Spanish language curriculum to an English language curriculum leading to an A.A. degree in three years. This program will also be used for traditional age students who are enrolled in the Latino Promise Program. They will receive counseling, support, and specialized curricula to help ensure their academic success.

Proposed Recipient: Fairleigh Dickinson University

Address: 1000 River Road, Teaneck, NJ 07666

Project Title: National Guard Global Education Program

Amount Requested: \$750,000

Justification: Funds will provide online educational services to Army National Guard and other military personnel, allowing them to take courses while being deployed anywhere in the world. This program is a critical retention, recruitment, and promotion tool which reduces the interruption to the lives of deployed warfighters.

Proposed Recipient: Felician College

Address: 262 South Main St., Lodi, NJ 07644

Project Title: Felician College Integrated Technology and Simulation Nursing Program

Amount Requested: \$394,000

Justification: These funds would be used to expand and upgrade nursing school laboratory facilities, including computers and other equipment, to more accurately reflect industry technology standards and better prepare students for entry into the workforce.

Proposed Recipient: Fort Lee, NJ

Address: 309 Main Street, Fort Lee, NJ 07024

Project Title: CSO Abatement Upgrades

Amount Requested: \$500,000

Justification: Fort Lee is one of three towns in Bergen County that still operates a combined sewer system which results in overflows. The Borough would like to modernize the existing netting chamber with a larger and more efficient system. Improved performance at the Borough's pumping stations and Combined Sewer Overflow treatment equipment will lead to a decrease in the number of annual overflow events.

Proposed Recipient: Frontier Performance Polymers Corp.

Address: 3328 Belt Road, Dover, NJ 07801

Project Title: Lightweight Packaging System for Enhancing Combat Munitions Logistics

Amount Requested: \$3,500,000

Justification: Funds will go toward the production of lightweight munitions packaging which will enhance force readiness by reducing the weight of packaged munitions. This technology could also be used for producing lower cost composite armors or ballistic barriers to protect our warfighters.

Proposed Recipient: Garden State Cancer Center

Address: 520 Belleville Avenue, Belleville, NJ 07109

Project Title: Vaccine Development Program

Amount Requested: \$4,220,000

Justification: Garden State Cancer Center's Vaccine Development Program researches countermeasures to protect our warfighters from bioterrorism agents.

Proposed Recipient: Garfield, NJ

Address: 111 Outwater Lane, Garfield, NJ 07026

Project Title: School Resource Officer Program (Cops In School)

Amount Requested: \$280,000

Justification: This funding will be used to provide for three highly trained School Resource Officers utilizing the accepted three-prong resource officer model approach combining law enforcement, teaching, and mentoring.

Proposed Recipient: Garfield, NJ Board of Education

Address: 125 Outwater Lane, Garfield, NJ 07026

Project Title: Alternative Education Program

Amount Requested: \$250,000

Justification: The funds requested will be used to support an alternative education program, which will focus on students who are not flourishing in the regular education environment. The funds will be used to support small classes (12 or fewer students), focusing on alternative teaching methods for Middle and High School students. Students who are unable to thrive in the regular education setting, and are not recipients of traditional safety net programs, would be given preference. The school board hopes that an alternative education program in the Garfield School District will dramatically decrease the drop-out rate among students.

Proposed Recipient: Georgian Court University

Address: 900 Lakewood Ave. Lakewood, NJ 08701

Project Title: Preservation of the Mansion at Georgian Court

Amount Requested: \$625,300

Justification: This project would fund exterior restoration work on some of the most

prominent architectural features of George Gould's Gilded Age Mansion on the campus of Georgian Court University in Lakewood, NJ. The building is now part of the Georgian Court University campus, all of which has been designated a National Historic Landmark by the United States Department of the Interior.

Proposed Recipient: Georgian Court University

Address: 900 Lakewood Ave, Lakewood, NJ 08701

Project Title: Science Technology Expansion Project (STEP) Forward

Amount Requested: \$489,663

Justification: Funds requested are for equipment and supplies to provide students with hands-on experience and one-to-one learning opportunities in specific programs, including nursing, teaching, health care, pharmaceutical, and high-technology industries.

Proposed Recipient: Greenhouse Gas Industries

Address: 19 Laurelwood Drive, Lawrenceville, NJ 08648

Project Title: Natural Gas Desulphurization

Amount Requested: \$1,700,936

Justification: This project would fund research into an experimental procedure that could make it possible to use 400 billion cubic feet of American Natural Gas which would otherwise be too expensive to use.

Proposed Recipient: General Dynamics

Address: Picatinny Arsenal, NJ 07806-5000

Project Title: Rapid Response Force Projection Systems(R2FPS)

Amount Requested: \$6,000,000

Justification: Funds will go toward the development of an unmanned robotic system carrying remotely controlled, rapid fire mortars and other weapons systems. These robots will help to protect our troops by providing an immediate response to ambushes.

Proposed Recipient: Girl Scouts of the USA

Address: 420 Fifth Avenue, New York, NY 10018-2798

Project Title: VIVA Tri-State Initiative: An Adult Volunteer Latina/Hispanic Outreach Program

Amount Requested: \$600,000

Justification: Studies have found that one in six Latina/Hispanic teenagers has attempted suicide, one in four becomes a mother before the age of 20, and about one-quarter do not complete high school. This Girl Scout program can help prepare Latina youth for these challenges, and provide them the confidence, life skills, and experience needed to combat risky behaviors and grow into healthy young adults.

Proposed Recipient: Hackensack, NJ

Address: 65 Central Avenue, Hackensack, NJ 07601

Project Title: Clay Street Area CSO Project

Amount Requested: \$1,100,000

Justification: The Clay Street neighborhood, a section of the larger Court and Anderson Streets area suffers regular street flooding and sewage backup in residences due to insufficient capacity of the current system to handle both sanitary and storm flows. These vital funds would allow the City to begin improvements in the most severely affected areas.

Proposed Recipient: Hackensack, NJ
Address: 65 Central Avenue, Hackensack, NJ 07601
Project Title: Intermodal Facilities and Park and Ride
Amount Requested: \$5,000,000
Justification: Funds will go toward the rehabilitation of an intermodal station and park and ride facilities in Hackensack along New Jersey Transit's Pascack Valley Line.

Proposed Recipient: Hackensack, NJ
Address: 65 Central Avenue, Hackensack, NJ 07601
Project Title: The City of Hackensack Police and Emergency Services Communication Upgrade Project
Amount Requested: \$540,000
Justification: Funding of this project will cover the cost of purchase and installation of critical public safety communication equipment as well as a back-up generator. Additionally, this project calls for the purchase and installation of a fire/security alarm system at the Police Training and Emergency Services facility, which will include audio and video surveillance equipment and key card access.

Proposed Recipient: Hackensack University Medical Center
Address: 360 Essex Street, Suite 301, Hackensack, NJ 07061
Project Title: Advanced Development of Mobile Rapid Response Prototypes
Amount Requested: \$7,500,000
Justification: Funds will go toward the continued development of mobile rapid response vehicles that are capable of providing state-of-the-art emergency medical care in response to mass casualty incidents involving terrorist attacks, pandemic flu, natural and accidental disasters. The program serves the medical and chemical/biological/radiation defense needs of the northeast population of the United States and enhances emergency medical treatment and technology for warfighters deployed in hostile environments.

Proposed Recipient: Hasbrouck Heights, NJ
Address: 320 Boulevard, Hasbrouck Heights, NJ 07604
Project Title: Curb Replacement Program
Amount Requested: \$900,000
Justification: Funds will be used for the replacement of deteriorated curbs to provide proper channeling of storm water runoff to the storm drainage system and provide safer barriers to deflect errant vehicles.

Proposed Recipient: Hasbrouck Heights, NJ
Address: 320 Blvd, Hasbrouck Heights, NJ 07604
Project Title: Townwide Sanitary and Stormwater System Rehabilitation
Amount Requested: \$1,500,000
Justification: This project would include structural realigning of sanitary sewers and upgrading of the storm draining collection/conveyance system, which dates back to the 1920s. Upgrading these outdated systems will reduce overflow events.

Proposed Recipient: Hawthorne, NJ
Address: 445 Lafayette Avenue, Hawthorne, NJ 07506

Project Title: Hawthorne Police Communications and Computer Equipment Upgrade

Amount Requested: \$100,000

Justification: These funds will enable the Hawthorne Police Department to improve efficiency by staying current with communications and information technologies, will minimize the chance of failure of aging equipment, and will also eliminate the reliance on borrowed equipment.

Proposed Recipient: Hawthorne, NJ

Address: 445 Lafayette Ave, Hawthorne, NJ 07506

Project Title: Lafayette Ave & Diamond Bridge Ave Streetscape

Amount Requested: \$950,000

Justification: This project would make streetscape improvements in downtown Hawthorne on Lafayette Avenue and on Diamond Bridge Avenue. Improvements would include new curbs, sidewalks, trees, street lighting, new benches and trash cans, and a new traffic signal at the intersection of Diamond Bridge and Lafayette Avenues. The objective of the project is to make the downtown more attractive and pedestrian-friendly with the goal of preserving and increasing business and jobs in the central business district.

Proposed Recipient: Hawthorne, NJ Public Schools

Address: 445 Lafayette Avenue, Hawthorne, NJ 07506

Project Title: Project Life Skills Program

Amount Requested: \$232,200

Justification: The funds requested will support a new program consisting of three classes, one in elementary, middle, and high school. These classes are designed to prepare special needs students for adult life by supporting the development of basic functional skills like literacy, language, mathematics, and social skills. The classes will also assist students in accessing community resources and maintaining successful employment. This program would help to keep students in their neighborhood schools and with their chronological peers.

Proposed Recipient: Holy Name Hospital

Address: 718 Teaneck Road, Teaneck, NJ 07666

Project Title: Health Care Facilities Construction

Amount Requested: \$1,000,000

Justification: The funds requested would be used to renovate a 19,000 square foot estate, which was given to Holy Name Hospital by the Sisters of St. Joseph of Peace in Saddle River, NJ, to create the only free-standing hospice facility in Bergen County. Activities include expanding an existing elevator to accommodate stretchers, retrofitting patient rooms to meet regulation standards, upgrading/expanding laundry facilities, adding medication rooms and rooms for other nursing/medical needs, upgrading central kitchen and refrigerated storage, and replacing the building's roof.

Proposed Recipient: Honeywell Electronic Protection Products

Address: 101 Columbia Rd , Morristown, NJ, 07960-4640

Project Title: Highly Mobile Wizard Electronic Warfare System

Amount Requested: \$10,000,000

Justification: This project will make current radio-wave jamming devices lighter and more compact in order to better protect dismounted warfighters from improvised explosive devices (IEDs).

Proposed Recipient: Hudson County Child Abuse Prevention Center
Address: 880 Bergen Avenue, Room 302, Jersey City, NJ 07306
Project Title: Community Child Abuse Prevention
Amount Requested: \$300,000

Justification: This comprehensive, county-wide program would help to keep children safe from child abuse and provide multi-disciplinary services to victims of child abuse. These funds would help support several initiatives including the Child Advocacy Center (CAC) and the West Hudson Family Success Center (WHFSC). The CAC is a specialized program designed to serve victims of severe physical and sexual abuse with investigational, medical, and emotional support services at one central location in a child-friendly, developmentally appropriate environment. The WHFSC is a multi-service center serving families of Kearny, Harrison and East Newark. The WHFSC provides services including parenting education, emotional management, parent-child activities, life skills and health services. This program is anticipated to reach 2,000 parents and children.

Proposed Recipient: Hudson County Sheriff's Office
Address: 595 Newark Avenue, Jersey City, NJ 07306
Project Title: Enhanced Public Safety Capability/Thermal Imaging Cameras
Amount Requested: \$51,000

Justification: This funding will allow the Sheriff's Office to purchase nighttime optical thermal imaging cameras to be mounted on patrol cars. These cameras will increase an officer's ability to see while patrolling at night, and can be extremely effective in the event of a natural disaster.

Proposed Recipient: Hudson County Improvement Authority (HCIA)
Address: 538 Newark Avenue, Jersey City, NJ 07306
Project Title: Koppers Coke Redevelopment
Amount Requested: \$500,000

Justification: This project will continue the remediation of a brownfield site in Kearny, NJ and transform the area into a two million square foot industrial park that includes warehousing and distribution space, creating hundreds of new jobs.

Proposed Recipient: Hycrete Inc.
Address: 462 Barell Avenue, Carlstadt, NJ 07072
Project Title: Environmentally Intelligent Moisture and Corrosion Control for Concrete
Amount Requested: \$2,100,000

Justification: The deterioration of Department of Defense concrete structures is a world-wide problem that costs the government millions of dollars every year. Funding for this project will save the government money by supporting "green" environmentally-responsible infrastructure construction, which studies indicate will last 20 times longer than conventional concrete even in the most highly corrosive environments.

Proposed Recipient: ID Systems
Address: One University Plaza, Hackensack, NJ 07601
Project Title: Wireless Health and Usage Monitoring Systems for Condition Based Maintenance of Army Helicopters
Amount Requested: \$3,000,000

Justification: This program will dramatically improve operational safety of Army helicopters in both training and combat operations, while concurrently supporting cost reduction through condition-based maintenance.

Proposed Recipient: InSitech, Inc.

Address: 3305 Main Road, Picatinny Arsenal, NJ, 07806-5000

Project Title: Advanced Prototyping with Non Traditional Suppliers

Amount Requested: \$15,000,000

Justification: This program finds and evaluates innovative technologies developed by non-traditional suppliers in order to help small businesses compete for defense contracts. This benefits the warfighter and helps to create jobs in New Jersey.

Proposed Recipient: Jersey City, NJ

Address: 280 Grove Street, Jersey City, NJ 07302

Project Title: Bayfront Site Preparation Project

Amount Requested: \$1,000,000

Justification: Project will remediate an existing brownfield site in Jersey City and create in its place a completely sustainable “green” urban neighborhood on the West Side of Jersey City, including a mixed-use development incorporating new offices and residences along with 20 acres of new parks and open space as well as public waterfront access to the Hackensack River.

Proposed Recipient: Jersey City, NJ

Address: 280 Grove Street, Jersey City, NJ 07302

Project Title: Hudson Bergen Light Rail (HBLR) Jersey City Bayfront Extension

Amount Requested: \$500,000

Justification: Funds will be used for the planning and design of a westward extension of the existing West Side Avenue branch of the Hudson Bergen Light Rail over Route 440 to the Bayfront Redevelopment Area.

Proposed Recipient: Jersey City, NJ

Address: 280 Grove Street, Jersey City, NJ 07302

Project Title: Berry Lane Park

Amount Requested: \$1,000,000

Justification: This project will remediate an existing brownfield site in Jersey City and create in its place a park. The site currently consist of former junkyards, autobody shops, rail yards, and other contaminated industrial space that will be cleaned up and transformed into new athletic fields, a recreation center, basketball and tennis courts, jogging paths, and green spaces.

Proposed Recipient: Jersey City, NJ

Address: 280 Grove Street, Jersey City, NJ 07302

Project Title: Bayfront Structural Bulkhead Stabilization

Amount Requested: \$1,000,000

Justification: This project includes the remediation of 100 acres of brownfields and the development of a mixed-use community with waterfront access, 20 acres of new parks, businesses, housing and transit. Construction of a concrete encased structural bulkhead will secure the waterfront for future use of this site, and would create numerous construction jobs.

Proposed Recipient: Jersey City Redevelopment Agency
Address: 30 Montgomery St # 900, Jersey City, NJ 07302
Project Title: Green Economic Development Initiative
Amount Requested: \$850,000

Justification: This project would finance the construction of an energy efficient new business complex in the Redevelopment/Urban Enterprise Zone. The new construction will meet or exceed the highest green building standards, and is projected to create up to 600 new jobs.

Proposed Recipient: Kean University
Address: 1000 Morris Avenue, Union, NJ 07083
Project Title: Kean University Center for Science, Technology and Mathematics Education
Amount Requested: \$1,000,100

Justification: The funds requested will be used to renovate and better equip the Kean University Center for Science, Technology and Mathematics Education (STEM) with state-of-the-art science, mathematics, and technology learning capabilities.

Proposed Recipient: Kearny, NJ
Address: 402 Kearny Avenue, Kearny, NJ 07032
Project Title: Kearny Law Enforcement Technology Project
Amount Requested: \$400,000

Justification: Funding would be used for the purchase and installation of web cam buffer zone monitoring equipment and technology to continuously monitor the Kuehne chemical plant and CSX rail yard (a DHS-designated Tier I Critical Infrastructure). The chemical plant and rail yard are located in the most dangerous two miles in America and require constant monitoring to ensure the safety of up to 12 million Americans in the NJ/NY metropolitan area.

Proposed Recipient: Kearny Municipal Utilities Authority
Address: 39 Central Avenue, Kearny, NJ 07032
Project Title: Kearny Point and Harrison Avenue Pumping Stations
Amount Requested: \$450,000

Justification: Funds would be used for the installation of replacement pumps, piping and valves at Kearny Point and replacement of the mechanical bar screen at Harrison Avenue. Upgrading these stations will reduce overflow events.

Proposed Recipient: L-3 Communications
Address: 13000 Lincoln Drive West, Marlton, NJ 08053-3408
Project Title: Field Observable GIS Enabled Lighting (FOGEL)
Amount Requested: \$2,000,000

Justification: This pilot project at Teterboro Airport will study a proposed new system for runway safety, utilizing GPS navigation technology and airport mapping data.

Proposed Recipient: Leitner Center for International Law and Justice, Fordham Law School
Address: 33 West 60th Street, New York, NY 10023
Project Title: Promoting the Rule of Law & Human Rights Through International Judicial Training & Cooperation
Amount Requested: \$200,000

Justification: Funding would be used to train judges and law enforcement officers in Sub-Saharan Africa in the application of international human rights standards and law enforcement. The promotion of the rule of law produces stable countries and allies for the U.S. in addition to stronger economies and trading partners for U.S. businesses.

Proposed Recipient: Leonia, NJ Board of Education
Address: 570 Grand Avenue, Leonia, NJ 07605
Project Title: Community Based Transitional Center (CBTC)
Amount Requested: \$265,000

Justification: The CBTC would provide post secondary education training to adults with disabilities. Using instruction in and out of the traditional classroom, the CBTC would focus on facilitating the transition to work and adult life for those with disabilities. The funds requested will be used to provide educational materials, outreach, and support.

Proposed Recipient: Leonia, NJ
Address: 312 Broad Ave Leonia, NJ 07605
Project Title: Downtown Revitalization-Economic Development of Central Business District
Amount Requested: \$625,000
Justification: This project will help the Borough develop more public parking. This is part of a larger economic redevelopment plan in Leonia's business district.

Proposed Recipient: Leonia, NJ
Address: 312 Broad Avenue, Leonia, NJ 07605
Project Title: Lap Top Computers for Patrol Vehicles
Amount Requested: \$33,000
Justification: Laptop computers will be placed in the police vehicles and will enhance the Department's ability to identify and apprehend persons on the terrorism watchlist, persons with outstanding warrants, stolen motor vehicles, unregistered/uninsured vehicles, suspended drivers and enhance law enforcement ability. The laptop computers will enable patrol officers to communicate with their station, other officers and other departments as well as negate an officer's need to be in the station to complete reports thus allowing for a more continuous and visible police presence.

Proposed Recipient: LGS Innovations
Address: 15 Vreeland Road, Florham Park, NJ 07932
Project: Planar Lightwave Circuit (PLC) Development for High Power Military Laser
Amount Requested: \$3,800,000
Justification: Funds will go toward the development of high-powered lasers, which will directly benefit our armed forces with superior defenses against multiple threats.

Proposed Recipient: LGS Innovations
Address: 15 Vreeland Road, Florham Park, NJ 07932
Project Title: Secure, Miniaturized, Hybrid, Free Space, Optical Communications
Amount Requested: \$6,000,000
Justification: These observation and reporting devices will make our troops safer in the field of battle by increasing situational awareness and pre-operations intelligence.

Proposed Recipient: Liberty Science Center

Address: 222 Jersey City Boulevard, Jersey City, NJ 07304

Project Title: Liberty Science Center Solar Energy Project

Amount Requested: \$2,000,000

Justification: Funding would be used to assist with the purchase of a 2 million megawatt solar panel array at Liberty Science Center. An array of this size will allow the facility to produce all of its energy needs on site.

Proposed Recipient: Lightning Energy

Address: 3159 Shrader Road, Dover, NJ 08701

Project Title: Scaleable Efficient Power for Armament Systems and Vehicles Dual Use

Amount Requested: \$6,000,000

Justification: Funds will go toward the development of high power, high energy lithium ion battery technology. This lithium ion advanced power system will be safer, lighter, more powerful, more efficient, and more environmentally friendly than current batteries used by the military.

Proposed Recipient: Little Ferry, NJ

Address: 215-217 Liberty Street, Little Ferry, NJ 07643

Project Title: Washington Avenue Streetscape

Amount Requested: \$1,098,640

Justification: This project will address outdated street drainage, deteriorating pavement, sidewalks, and the road surface of a heavily used local and county road. The improvements to Washington Avenue are critical to the residential and business areas of the Borough and will provide a quality road system with a streetscape to greatly enhance the area.

Proposed Recipient: MaXentric Technologies

Address: 2071 Lemoine Avenue, Suite 302, Fort Lee, NJ 07024

Project Title: Shipboard V-band (60 GHz) Wireless Network

Amount Requested: \$3,000,000

Justification: Funds will go toward the development and manufacture of a fully functional, third generation, military grade WiFi Network for the US Navy. This network will have enhanced capabilities for the Navy's next generation local area network (LAN) system for topside ship applications.

Proposed Recipient: Maywood, NJ

Address: 15 Park Avenue, Maywood, NJ 07607

Project Title: Solar Power for Maywood's Municipal Complex

Amount Requested: \$300,000

Justification: Funding for construction of solar panels on the main municipal complex for the city of Maywood will create jobs and save the city millions in energy costs over the lifetime of the equipment.

Proposed Recipient: Menssana Research

Address: 1 Horizon Road, Suite 1415, Fort Lee, NJ 07024

Project Title: Point-of-Care Breath Test for Cancer

Amount Requested: \$4,000,000

Justification: Menssana Research has successfully tested a breath test that screens out breast cancer with a high degree of accuracy. The requested funding would validate technology for a point-of-care version of the breast cancer breath test.

Proposed Recipient: Monmouth University
Address: 400 Cedar Avenue, West Long Branch, NJ 07764
Project Title: Community Resilience Training Initiative
Amount Requested: \$1,000,000

Justification: The proposed project expands the use of the University's Joint Mobile Command and Training Center Vehicle, which is the product of multiple contracts and grants obtained by the University over the past four years. This vehicle currently delivers emergency readiness training to the local community. The requested funds would be used to develop a general profile for community resiliency and an action plan using the vehicle to educate individuals about the risks they may face and appropriate responses available to them. This project is a valuable use of taxpayer dollars because it would enable the University to partner with local communities to increase emergency readiness awareness and develop an emergency plan of action.

Proposed Recipient: Monmouth University
Address: 400 Cedar Avenue, West Long Branch, NJ 07764
Project Title: North Atlantic Regional Ocean Governance Collaboration
Amount Requested: \$1,000,000

Justification: This funding will provide support for the development of the community resiliency profile and training initiative. This effort will improve cooperation in addressing issues of regional concern including port and maritime use, adaptation to climate change, and citing of off shore energy facilities.

Proposed Recipient: Monmouth University
Address: 400 Cedar Avenue, West Long Branch, NJ 07764
Project Title: School of Science, Technology, and Engineering Enhancement Initiative
Amount Requested: \$4,000,000

Justification: Funding would be used to upgrade technology systems and to support initiatives for recruiting and retaining science, technology, and engineering students. Funding would also be used to acquire modern instrumentation essential for student training in cutting edge state-of-the art laboratory technologies and to support faculty-student collaborative research.

Proposed Recipient: Monmouth University
Address: 400 Cedar Avenue, West Long Branch, NJ 07764
Project Title: The Resilient Coastal Urban Community and Ecosystem (RESCUE) Initiative
Amount Requested: \$800,000

Justification: The funding will be used to maintain and expand a water quality monitoring network, work directly with communities to develop the information and tools needed to identify sources of pollution, and develop and implement cost-effective strategies for reducing pollution, restoring and protecting critical habitats that support resilient coastal ecosystems and communities. This initiative will also support the development of community strategies to adapt to coastal threats.

Proposed Recipient: Morris Museum

Address: 6 Normandy Heights Road, Morristown, NJ 07960

Project Title: Science Access for Persons with Disabilities

Amount Requested: \$350,000

Justification: Funding would be used to upgrade and refurbish the science learning facilities at the Morris Museum in order to better serve school-aged children who have disabilities. This project responds to a pressing need for adaptive resources to serve this population. The museum will also conduct professional development workshops for teachers to introduce them to the new resources developed through this project and to provide them with new classroom strategies. This project will eliminate barriers to learning, helping thousands of students from more than 500 schools in 13 counties.

Proposed Recipient: National District Attorneys Association (NDAA)

Address: 44 Canal Central Plaza, Suite 110, Alexandria, VA 22314

Project Title: State and Local Prosecutor Training Program at the National Advocacy Center

Amount Requested: \$6,500,000

Justification: This is a joint venture of the National District Attorneys Association and the U.S. Department of Justice to provide prosecutors across all levels with the training needed to most effectively perform their duties. When fully funded, the NDAA can conduct 40 courses at the NAC annually and train 3,000 state and local prosecutors.

Proposed Recipient: National Forest Service

Address: 1400 Independence Ave., SW, Washington, DC 20024

Project Title: Cape May National Wildlife Refuge Land Acquisition Project

Amount Requested: \$1,100,000

Justification: This project would fund the acquisition of a 30-acre parcel, known as the Russell property, adjacent to the Cape May National Wildlife Refuge, which provides critical habitat for rare species and is an important aquifer recharge area in the rapidly developing Southern region of New Jersey.

Proposed Recipient: National Forest Service

Address: 1400 Independence Ave., SW, Washington, DC 20024

Project Title: Edwin B. Forsythe National Wildlife Refuge Land Acquisition Project

Amount Requested: \$1,050,000

Justification: This project would fund the acquisition of a 28.17 acre parcel adjacent to the Edwin B. Forsythe National Wildlife Refuge in Ocean County, NJ. This parcel provides critical habitat for migratory birds and helps maintain the integrity of the groundwater infiltration and discharge system vital to the functioning of freshwater and tidal wetlands and estuarine waters.

Proposed Recipient: National Forest Service

Address: 1400 Independence Ave., SW, Washington, DC 20024

Project Title: Great Swamp National Wildlife Refuge Land Acquisition Project

Amount Requested: \$2,400,000

Justification: This project would fund the acquisition of an 18 acre parcel, known as the Great Brook Property, adjacent to the Great Swamp National Wildlife Refuge in Sussex County, NJ, which provides critical habitat for endangered species.

Proposed Recipient: National Forest Service
Address: 1400 Independence Ave., SW, Washington, DC 20024
Project Title: Supawna Meadows National Wildlife Refuge Land Acquisition Project
Amount Requested: \$5,000,000
Justification: This project would fund the acquisition of an 80-acre parcel, known as the Sinnickson Tract, adjacent to the Supawna Meadows National Wildlife Refuge in Salem County, NJ. The refuge provides habitat for rare wildlife and plant species, protects highly-sensitive headwaters and is under immediate threat from development.

Proposed Recipient: National Forest Service
Address: 1400 Independence Ave., SW, Washington, DC 20024
Project Title: Wallkill River National Wildlife Refuge Land Acquisition Project
Amount Requested: \$900,000
Justification: This project would fund the acquisition of 110 acres in one of the centerpieces of the newly approved Wallkill National Wildlife Refuge expansion in Sussex County, NJ. This acquisition will protect area water quality and provide habitat for migratory birds, as well as numerous recreational opportunities for visitors.

Proposed Recipient: Newark, NJ
Address: 920 Broad Street, Room 210, Newark, NJ 07102
Project Title: Emergency Operations Center Interoperability Equipment
Amount Requested: \$1,000,000
Justification: As the largest city in the State of New Jersey, Newark is undertaking efforts to construct an Emergency Operations Center (EOC) to protect citizens of the region. The Newark EOC, which is set to be completed later this year, will enhance regional, state, and local emergency management capabilities. This funding request would be used to purchase and install interoperability equipment for the new EOC facility. This project is a valuable use of taxpayer funds because it would provide much needed equipment and technology to emergency responders, so they may more effectively and efficiently respond to a crisis threatening the safety and security of Northern New Jersey residents.

Proposed Recipient: Newark, NJ
Address: 920 Broad Street, Newark, NJ 07102
Project Title: Returning Offender Initiative
Amount Requested: \$750,000
Justification: As is the case with many large urban cities across the country, Newark faces a social and financial challenge with the return of hundreds of prisoners to the city each year. The Returning Offender Initiative works to remove the barriers to successful re-entry into society. Specifically, this initiative will assist individuals with criminal records to address civil legal matters that are barriers to successful community reintegration.

Proposed Recipient: Newark, NJ
Address: 920 Broad Street, Newark, NJ 07102
Project Title: Roseville Armory Center Rehabilitation
Amount Requested: \$1,000,000
Justification: Roseville Armory is a National Guard facility in Newark that also offers recreational facilities to the community. Funds will be used to renovate the Armory to create

a recreation facility and community center providing sports, after-school and worker training programs for kids and families.

Proposed Recipient: New Jersey Association of Conservation Districts

Address: PO Box 330, Trenton, NJ 08625

Project Title: Conservation Technical Assistance in New Jersey

Amount Requested: \$1,200,000

Justification: This is an important ongoing federal-state-local partnership that provides technical assistance staff to all types of New Jersey farms, urban and suburban neighbor clients. Technical staff develop and assure the implementation of minimal-cost conservation practices to reduce non-point sources of pollution, protect water quality in streams and rivers for the benefit of all citizens and enhance wildlife.

Proposed Recipient: New Jersey Department of Agriculture

Address: 369 S. Warren Street, P.O. Box 330, Trenton, NJ 08625

Project Title: New Jersey Gypsy Moth Pest Management

Amount Requested: \$2,000,000

Justification: The gypsy moth suppression program is a cooperative effort between local governments, the Department of Agriculture, New Jersey State Forest Service and the United States Department of Agriculture (USDA) Forest Service. The goal of the program is to protect forested and residential areas and parks from tree loss until the natural balance between gypsy moths and the environment is restored.

Proposed Recipient: New Jersey Department of Environmental Protection Green Acres Program

Address: 401 E State St, Trenton, NJ 08608

Project Title: Musconetcong and Rockaway Rivers Watersheds

Amount Requested: \$7,000,000

Justification: The New Jersey Green Acres Program seeks funding to acquire tracts totaling 1,515 acres in the New Jersey Highlands. The properties will be held by the New Jersey Divisions of Parks & Forestry and Fish & Wildlife and will be managed to protect conservation values.

Proposed Recipient: New Jersey Department of Military and Veterans Affairs

Address: 1 Veterans Way, Paramus, NJ 07652

Project Title: Paramus Veterans Memorial Home – Multi-Purpose Day Room

Amount Requested: \$750,000

Justification: This funding request would support the construction of a multi-purpose dayroom for residents. This space would serve the approximately 336 residents of the facility by providing a dedicated space for communal and group activities, programs and therapies.

Proposed Recipient: New Jersey Department of Transportation

Address: 1035 Parkway Avenue, Trenton, NJ 08628

Project Title: Rt. 46, Hackensack River Bridge

Amount Requested: \$19,350,000

Justification: Funds will be used to rehabilitate the Route 46 Hackensack River Bridge in Bergen County. The existing bridge is structurally deficient.

Proposed Recipient: The New Jersey Historical Society
Address: 52 Park Place, Newark, NJ 07102
Project Title: NJ Historical Society (NJHS) K-12 Education Programs
Amount Requested: \$350,000
Justification: Using its exhibitions, collections, and the library, NJHS provides educational programs and materials to aid in the understanding of history. This program supports NJ school curricula by stimulating observation and analysis and strengthening students' general knowledge and critical thinking skills. The funds requested would be used for curriculum materials, technology upgrades to educational facilities, and outreach programs.

Proposed Recipient: New Jersey Institute of Technology
Address: University Heights, 350 Fenster Hall, Newark, NJ 07102
Project Title: Agent Defeat by Energetic Nano-Materials (ADEN)
Amount Requested: \$2,000,000
Justification: Funds will go toward the development of a weapons system capable of destroying chemical and biological agent munitions stockpiles and respective facilities without releasing the targeted lethal agents, thus protecting the warfighter and civilian populations.

Proposed Recipient: New Jersey Meadowlands Commission (NJMC)
Address: One Dekorte Park Plaza, Lyndhurst, NJ
Project Title: Meadowlands Adaptive Signal System for Traffic Reduction (MASSTR)
Amount Requested: \$1,000,000
Justification: Utilizing state-of-the-art components – such as wireless vehicle-detection devices, wireless spread spectrum communications, and advanced adaptive traffic signal control software – this project will efficiently reduce roadway congestion, traffic delay, travel time, fuel consumptions, and emissions. The total project consists of 70 intersections in the Meadowlands District. The major roadways include Paterson Plank Road, Meadowlands Parkway, County Avenue, Westside Avenue, Newark-Jersey City Turnpike, Route 7/Belleville Turnpike, Route 120, Washington Avenue, Moonachie Avenue, Route 17 and Route 46.

Proposed Recipient: New Jersey Meadowlands Commission (NJMC)
Address: One Dekorte Park Plaza, Lyndhurst, NJ 07071
Project Title: Real-Time Ocean Surge Warning System
Amount Requested: \$120,000
Justification: The average elevation of the Meadowlands Estuary is only one foot above normal high tide and approximately 75% of the Meadowlands land area would be impacted by a 100-year sea surge event. In order to better prevent and warn of future flooding, water level predictions, property and infrastructure elevation, and real-time conditions of tide gates need to be integrated into an Ocean Surge Warning System to help protect the people, residences, and businesses of this area.

Proposed Recipient: New Jersey Transit
Address: One Penn Plaza East, Newark, NJ 07105-2246
Project Title: Trans-Hudson Midtown Corridor (ARC Tunnel Project)
Amount Requested: \$345,000,000

Justification: This 9.2-mile commuter rail extension and tunnel project will more than double peak capacity from 23 trains per hour to 48 and create expanded station capacity in Manhattan. This project will also provide direct access to New York City subway lines, PATH and current Penn Station.

Proposed Recipient: New Jersey Transit

Address: One Penn Plaza East, Newark, NJ 07105-2246

Project Title: Hudson Bergen Light Rail Core Capacity & System Expansion

Amount Requested: \$5,000,000

Justification: This project consists of planning work associated with the construction of the extension of Hudson-Bergen Light Rail to northern New Jersey.

Proposed Recipient: New Jersey Transit

Address: One Penn Plaza East, Newark, NJ 07105-2246

Project Title: Northern New Jersey Intermodal Facilities

Amount Requested: \$20,000,000

Justification: Funds will be used for the planning and construction of improvements to stations and other intermodal initiatives in northern New Jersey.

Proposed Recipient: New Jersey Transit

Address: One Penn Plaza East, Newark, NJ 07105-2246

Project Title: Northern Branch Rail Corridor

Amount Requested: \$3,000,000

Justification: Funds will be used for planning work associated with the construction of the Northern Branch project, which is an approximately 10-mile passenger rail service extending from North Bergen in Hudson County to Tenafly in Bergen County using the existing CSX Northern Branch rail corridor.

Proposed Recipient: North Arlington, NJ

Address: 214 Ridge Road, North Arlington, NJ 07031

Project Title: Cops in Schools and Cops on the Street

Amount Requested: \$150,000

Justification: This funding will add police programs and allow officers to monitor schools, homeland security concerns, and develop and impact police patrols to reduce crime.

Proposed Recipient: North Arlington, NJ

Address: 214 Ridge Road, North Arlington, NJ 07031

Project Title: Global Positioning System and Mobile Display Terminals for Police Radio Vehicles

Amount Requested: \$30,000

Justification: The Global Positioning System (GPS) and Mobile Display Terminals (MDT) system will allow dispatch to locate vehicles on a map, in real time, giving the dispatcher the ability to send the closest police vehicles to the scene of crimes and those needing assistance. The MDTs will allow officers to query individuals, vehicles, and articles that officers come in contact with to determine if they were involved in a crime. With the reduction in manpower, the GPS/MDT will assist in reducing crime and saving lives by allowing a quicker, safer response.

Proposed Recipient: North Bergen, NJ
Address: 4233 Kennedy Boulevard, North Bergen, NJ 07047
Project Title: 91st Street Improvements
Amount Requested: \$169,500
Justification: Funds will be used to replace asphalt in poor condition as a result of heavy truck traffic from existing businesses in the area.

Proposed Recipient: North Bergen, NJ
Address: 4233 Kennedy Blvd., North Bergen, NJ 07047
Project Title: 91st Street Sewer Project
Amount Requested: \$464,373
Justification: The project will line an existing sewer pipe that runs through the street in front of the new Vornado development, an estimated \$80,000,000 new construction project in North Bergen's Urban Enterprise Zone. 91st Street is the primary access road to these new businesses from the east.

Proposed Recipient: North Bergen, NJ
Address: 4233 Kennedy Boulevard, North Bergen, NJ 07047
Project Title: JFK Boulevard East Streetscape Project
Amount Requested: \$769,320
Justification: This project will provide continuity along the Upper Hudson River Walkway and Promenade by improving pedestrian safety, encouraging and improving bicycle safety and attracting visitors to the area and surrounding businesses.

Proposed Recipient: Ohel Children's Home & Family Services
Address: 696 Palisade Avenue, Teaneck, NJ 07666-3144
Project Title: Ohel At-Risk Youth and Child Abuse Prevention Program
Amount Requested: \$420,000
Justification: The program benefits at-risk children - those who are the victims of abuse or who are confronted with challenging circumstances in their lives and provides rehabilitation so that these experiences do not lead to ongoing, destructive behavior. Furthermore, the program benefits the general public by putting these youth back on a successful track thus saving significant federal expenditures by keeping them out of the juvenile justice system.

Proposed Recipient: Palisades Medical Center
Address: 7600 River Road, North Bergen, NJ 07047
Project Title: Bilingual Nursing Recruitment & Education Program
Amount Requested: \$500,000
Justification: This funding will support the development of a unique program curriculum combining English as a Second Language education with professional Licensed Practical Nurse training. The program's nursing students will receive expanded clinical training opportunities, financial support, support services, and extra student help. This program will contribute significantly to the educational, employment, and health care needs of the northern New Jersey Hispanic population (approximately 50%), approximately 400,000 residents in Hudson and Southern Bergen Counties.

Proposed Recipient: Palisades Medical Center
Address: 7600 River Road, North Bergen, NJ 07047

Project Title: Electronic Medical Records System

Amount Requested: \$7,500,000

Justification: These funds would be used to establish an Emergency Medical Records (EMR) system at Palisades Medical Center. An EMR system would vastly improve the quality and efficiency of patient case management at the facility. It would allow for more timely and accurate data collection and transmission of patient health information. It will also minimize the margin of human error. In addition, an EMR system will create nine new full-time positions and contractually engage with a significant range of relevant vendors in the northern New Jersey area.

Proposed Recipient: Palisades Medical Center

Address: 7600 River Road, North Bergen, NJ 07047

Project Title: Emergency Department Community Capacity and Access Renovation Project Phase II

Amount Requested: \$350,000

Justification: This is Phase II of Palisades Medical Center's Emergency Department renovation. This funding will assist in the Center's efforts to reconfigure its ER nurses station; expand and improve treatment areas; renovate common areas; and purchase new equipment to improve patient monitoring, reduce medical errors, and facilitate telemedical capabilities. Additional restroom facilities and new storage areas will also be added to keep up with increasing patient numbers. This project will create 10 new positions and use local New Jersey contractors.

Proposed Recipient: Palisades Park, NJ School District

Address: 270 First Street, Palisades Park, NJ 07650

Project Title: Homework Club

Amount Requested: \$150,000

Justification: These funds will be used to support a daily after school homework club for students who are classified as low income, special needs, Limited English Proficient (LEP), second language learners, and students at-risk. The focus of the program would be to provide the extra time to help students attain minimum proficiency standards in language arts and mathematics.

Proposed Recipient: Passaic County Prosecutor's Office

Address: 401 Grand Street, Paterson, NJ 07505

Project Title: Passaic County Emergency Operations Center Renovation Project

Amount Requested: \$250,000

Justification: This project focuses on retrofitting and better equipping the Passaic County Law Enforcement's Emergency Operations Center (EOC). The requested funds would be used to outfit the EOC with upgraded interoperability technology and equipment. Funds would also be used to expand and enhance the security of the Center. This project is a valuable use of taxpayer funds because it would provide much needed communications equipment and technology to local emergency responders, so they may more effectively and efficiently respond to a crisis compromising the safety of Northern New Jersey residents. In addition, these funds would also be used to make structural enhancements to the Center, so that our emergency responders feel protected as they continue with their duties.

Proposed Recipient: Passaic River Coalition

Address: 94 Mt. Bethel Road, Warren, NJ 07059
Project Title: Master Plan for the Lower Passaic River
Amount Requested: \$400,000

Justification: This project would create a dynamic Master Plan for the riverfronts of the 21 municipalities along the Passaic River and Newark Bay, which would increase the economic viability of the area while improving the ecological integrity of the river.

Proposed Recipient: Passaic Valley Sewerage Commission (PVSC)
Address: 600 Wilson Ave, Newark, NJ 07015
Project Title: Passaic Valley Combined Sewage Overflow Project
Amount Requested: \$1,000,000

Justification: This project would nearly double the capacity of the PVSC Wastewater Treatment plant which will reduce combined sewage overflows in storms, the amount of debris washing up on New Jersey beaches and the discharge of toxic waste.

Proposed Recipient: PATH
Address: 1455 NW Leary Way, Seattle, WA 98107
Project Title: HealthTech
Amount Requested: \$5,000,000

Justification: Funding would support HealthTech, which serves as the national laboratory for researching and developing technologies to improve global health. The core funding from USAID supports exploratory research, and technologies that have been invented, designed, or developed by PATH. These developments can easily be transferred to areas coming out of conflicts, as well as developing corners of the world, paving the way for healthier, more functional societies.

Proposed Recipient: Phacil, Inc.
Address: 991 Route Highway 22 West, Bridgewater, NJ 08807
Project Title: Advanced Decision Support System Serving the Missile Defense Agency
Amount Requested: \$3,120,913

Justification: Funds will support an advanced information technology system to assist the Missile Defense Agency in meeting its mission of developing and fielding a Ballistic Missile Defense System (BMDS) to defend the United States, its deployed forces, friends, and allies against all ranges of enemy ballistic missiles, in all phases of flight.

Proposed Recipient: Pharming Healthcare Inc.
Address: 2500 Harborside Financial Center, Plaza 5, Jersey City, NJ 07311
Project Title: Advanced Therapies for Battlefield Trauma
Amount Requested: \$2,792,000

Justification: Funds will support the development of advanced therapies to treat wounded warfighters. These advanced technologies also have great potential to save lives in the treatment of civilian trauma.

Proposed Recipient: Police Athletic League of New Jersey, Inc.
Address: 180 South Street, Freehold, NJ 07728
Project Title: Camp PAL - Continuation Funding
Amount Requested: \$600,000

Justification: The Police Athletic League (PAL) is offering to its youth members from throughout the State of New Jersey an opportunity to participate in constructive activities that include education and recreation. Participation is used as an incentive for getting better grades, participating in community projects, and staying active with the PAL.

Proposed Recipient: Project EzraH Needs, Inc.
Address: 95 Cedar Lane, Suite 12, Englewood, NJ 07631
Project Title: Employment Crisis Programming
Amount Requested: \$475,000

Justification: Project EzraH helps people find work and provides financial counseling and assistance. Due to the current economic climate, requests for both are up 78% and are escalating rapidly. Project EzraH will aim to help candidates find employment, navigate the job market, and present a positive image.

Proposed Recipient: Ramapo College
Address: 505 Ramapo Valley Road, Mahwah, NJ 07430
Project Title: Energy Efficiency Capital Projects
Amount Requested: \$2,000,000

Justification: Federal funding would be used toward purchasing and installing energy efficient HVAC equipment at the Student Center, as well as energy efficient roof replacements for several buildings on campus. This investment will save Ramapo millions over the lifetime of the equipment and make this public university a leader in energy efficiency.

Proposed Recipient: Ramapo College
Address: 505 Ramapo Valley Road, Mahwah, NJ 07430
Project Title: Ramapo College Nursing Program Facilities & Equipment
Amount Requested: \$500,000

Justification: These funds would be used to update and expand the College's Nursing Program Chemistry Lab. The current lab is 10 years old, serves an average of 400 students a year, and is not up to industry standards. The college needs to offer education that includes experiences in laboratories that more closely reflect the conditions students will meet post-graduation.

Proposed Recipient: Rape, Abuse & Incest National Network (RAINN)
Address: 2000 L Street NW, Suite 406, Washington, DC 20036
Project Title: Hotline Services for Victims of Sexual Violence and Rape Prevention Programs
Amount Requested: \$3,000,000

Justification: Every 2.5 minutes, another American is sexually assaulted. One out of every six women and one of 33 men are victims of sexual assault – 20 million Americans in all. Victims of rape carry the scars of the crime for a lifetime, and its perpetrators often go unpunished. The more victims RAINN helps, the more rapists will be brought to justice since research indicates that victims who receive counseling are significantly more likely to report to police, and more likely to follow through to prosecution. This funding will expand RAINN's hotline, provide continued technical assistance to local rape crisis centers and ensure that the National Sexual Assault Telephone Hotline continues to provide quality services.

Proposed Recipient: Raytheon Corporation
Address: 1100 Wilson Blvd, Arlington, VA 22209-2270
Project Title: Dual Mode Mortar Semi Active Laser (SAL) Integration
Amount Requested: \$7,500,000
Justification: Laser and GPS guided precision mortar rounds are an important tool for national security. They will be more accurate and more efficient than our current weapons.

Proposed Recipient: Raytheon Corporation
Address: 1100 Wilson Blvd, Arlington, VA 22209-2270
Project Title: Solid State W Band Development: Non-Lethal Systems
Amount Requested: \$2,500,000
Justification: The solid state W-band system will provide U.S. mobile ground forces engaged in operations in Iraq and Afghanistan with a compact, extended range, non-lethal system to maintain order and protect our forces without causing destabilizing collateral casualties.

Proposed Recipient: Reading Is Fundamental (RIF), Inc.
Address: 1825 Connecticut Avenue NW, Suite 400, Washington, DC 20009
Project Title: General Activities/National Project
Amount Requested: \$28,000,000
Justification: Reading Is Fundamental, Inc. prepares and motivates children to read by delivering free books and literacy resources to those children and families who need them most. Currently, there are 1.5 million children waiting to receive RIF services. With this level of funding, RIF would be able to serve these children and create new programs in communities with limited or no access to books or literacy resources.

Proposed Recipient: Ridgefield Park, NJ
Address: 234 Main Street, Ridgefield Park, NJ 07760
Project Title: Digital Mobile Video Camera Conversion
Amount Requested: \$85,000
Justification: Funding would allow for upgrade and conversion of video cameras in patrol cars to digital technology. The equipment is used by police officers to enhance patrol activities and ensure accurate recording of management of responses to reported incidents.

Proposed Recipient: Ridgefield Park, NJ
Address: 234 Main Street, Ridgefield Park, NJ 07760
Project Title: Infrastructure Improvement Project
Amount Requested: \$4,484,000
Justification: This project includes the repaving of several roads in the village, the total reconstruction of the village's central park, as well as the rehabilitation of an existing dock and addition of two boat launch facilities along the Hackensack River.

Proposed Recipient: Rider University
Address: 2083 Lawrenceville Road, Lawrenceville, NJ 08648
Project Title: Cyber Crime and Forensics Institute Expansion of Services
Amount Requested: \$2,000,000
Justification: This program will deliver advanced training in cyber crime, fraud, and forensics to local law enforcement officials, including first responders, who need to understand the

wide range of technologies that can be abused; related training will address proper evidence management practices.

Proposed Recipient: Robert Wood Johnson University Hospital

Address: One Robert Wood Johnson Place, New Brunswick, NJ, 08903

Project Title: Mass Casualty First Responders Disaster Surge Technology Program

Amount Requested: \$3,000,000

Justification: Radio-Frequency Identification (RFID) uses radio waves to accurately locate, identify, and track individual objects in real-time. This program will allow the Department of Defense to use sophisticated RFID technology to deal with many of the challenges associated with a mass casualty event, as well as with routine hospital operations within its medical command.

Proposed Recipient: Rutgers University

Address: 83 Somerset Street, New Brunswick, NJ 08901

Project Title: Combat Ration Supplements for Improved Physical and Cognitive Performance Using Nanodelivery Systems to Improve Bioavailability

Amount Requested: \$2,000,000

Justification: This project seeks to develop better nutritional combat rations for warfighters.

Proposed Recipient: Rutgers, The State University of New Jersey at New Brunswick

Address: 83 Somerset Street, New Brunswick, NJ 08019

Project Title: Cranberry/Blueberry Disease & Breeding in New Jersey

Amount Requested: \$650,000

Justification: The New Jersey Cranberry/Blueberry Disease & Breeding project has and will continue to have far reaching effects on the New Jersey cranberry and blueberry industry. Research on breeding and pest management will provide continued support for the \$50 million a year industry.

Proposed Recipient: Rutherford, NJ

Address: 176 Park Avenue, Rutherford, NJ 07070

Project Title: Roadway Improvements

Amount Requested: \$1,000,000

Justification: This project consists of milling and resurfacing local roadways, including Ridge Road, Francisco Avenue, portions of Woodward, Carmita, Chestnut, East Passaic and West Passaic Avenues.

Proposed Recipient: Rutherford, NJ

Address: 176 Park Avenue, Rutherford, NJ 07070

Project Title: Energy Conservation Program in Six Schools

Amount Requested: \$262,500

Justification: This project will provide room occupancy sensors in all classrooms for the lights to turn off when the area is not occupied. The result will be a significant reduction in energy use that will result in an ongoing benefit to the taxpayers.

Proposed Recipient: Rutherford, NJ

Address: 176 Park Avenue, Rutherford, NJ 07070

Project Title: Rutherford Memorial Field Lighting Improvements

Amount Requested: \$500,000

Justification: This project would replace inefficient field lighting at Rutherford Memorial Field. The scope of work would consist of replacing inefficient field lighting with energy efficient fixtures and poles, and reducing the number of poles and fixtures required to light a given area.

Proposed Recipient: Rutherford, NJ Board of Education

Address: 330 Phillips Avenue, South Hackensack, NJ 07606

Project Title: Virtual Science Laboratory for the High School

Amount Requested: \$67,500

Justification: This project will provide students with access to advanced courses in chemistry and physics. The funds will be used to acquire computer equipment to supplement and complement instruction provided in traditional lab spaces. This virtual lab would support multiple activities that are found in the research and private sector economies in which students will be expected to work as they progress through college training and on to their selected careers.

Proposed Recipient: Sarnoff Corporation

Address: 201 Washington Road, Princeton, NJ 08540-6449

Project Title: Standard Ground Station - Enhancement Program

Amount Requested: \$4,500,000

Justification: This mapping and targeting system will provide immediate situational awareness to our troops in harms way.

Proposed Recipient: SEARCH, the National Institute for Communications Interoperability
Emergency Preparedness

Address: 7311 Greenhaven Drive, Suite 145, Sacramento, CA 95831

Project Title: Emergency Preparedness

Amount Requested: \$1,000,000

Justification: These funds would support a pilot program developed by the not-for-profit subsidiary of SEARCH, the National Institute for Communications Interoperability. This agency plans to launch a nationwide institute to train emergency responders to better command and control emergency resources. The proposed pilot program would provide training, certification, and outreach programs to the state, regional, and local coordinators in the first responder community who have been charged with overseeing communications interoperability efforts. This project is a good use of taxpayer funds because it focuses on strengthening and streamlining emergency response procedures, by supporting increased communication and teamwork across county and state lines. In Northern New Jersey, where neighboring localities share essential infrastructure and are likely to be impacted by the same urgent situation, it is essential that we continue seek and develop methods of fine-tuning our emergency operations.

Proposed Recipient: Secaucus, NJ

Address: 1203 Paterson Plank Road, Secaucus, NJ 07094

Project Title: Golden Avenue Stormwater Conveyance System Improvements

Amount Requested: \$400,000

Justification: The project will increase the capacity of the Secaucus stormwater conveyance pipes to the recently upgraded Golden Avenue Pumping Station.

Proposed Recipient: Secaucus, NJ

Address: 1203 Paterson Plank Road, Secaucus, NJ 07094-3287

Project Title: Secaucus Law Enforcement Technology Project

Amount Requested: \$100,000

Justification: This funding will provide for the replacement of the 20 year old phone system with a new, state of the art dispatch phone system. The new system will handle all internal and external communications for the Kearny Dispatch Center (police/fire/EMS) allowing interface within the citywide phone system and to all external systems.

Proposed Recipient: Semandex Networks, Inc.

Address: 201 Washington Rd, Princeton, NJ 08540

Project Title: Information Networking For Operational Reporting and Monitoring

Amount Requested: \$2,400,000

Justification: Funds will go toward the development of an information sharing system that will benefit our intelligence gathering community.

Proposed Recipient: Shan Industries, LLC

Address: 24 Ames Blvd, Hamburg, NJ, 07419-1502

Project Title: Associate Intermodal Platform (AIP)

Amount Requested: \$10,000,000

Justification: Funds will help to manufacture and integrate state-of-the-art air cargo pallets for the Air Force and US Transportation Command. The production of these new plastic pallets will create jobs in New Jersey and save the Department of Defense millions of dollars as compared with existing aluminum and wooden pallets.

Proposed Recipient: St. Peter's College

Address: 2641 Kennedy Boulevard, Jersey City, NJ 07306

Project Title: Campus Security Enhancements

Amount Requested: \$500,000

Justification: Funding would build upon and finalize critical improvements to security for the St. Peter's College campus and the surrounding neighborhood.

Proposed Recipient: St. Peter's College

Address: 2641 Kennedy Boulevard, Jersey City, NJ 07306

Project Title: Campus Transportation Enhancements

Amount Requested: \$850,000

Justification: Funds will allow St. Peter's College to replace its aging fleet of vans for student transportation. This includes remote cameras and ID card readers for shuttles, computers/network connections for the monitoring station, and additional updated Code Blue lights at new shuttle stops and other campus locations.

Proposed Recipient: St. Peter's College

Address: 2641 Kennedy Boulevard, Jersey City, NJ 07306

Project Title: Renovations and Upgrades to Nursing Educational Facilities

Amount Requested: \$700,000

Justification: In an effort to meet the growing needs of its students and assist with workforce training and economic development needs of the community, the funds requested will be

used to upgrade facilities, including equipment for nursing skills labs and computer labs, adding simulation and virtual practical equipment, providing academic support services, and supporting the professional development of nursing students. Currently, students are working in a nursing skills lab that is in desperate need of updated equipment. This equipment would help them to provide safe, competent care to patients of all ages.

Proposed Recipient: St. Peter's College

Address: 2641 Kennedy Boulevard, Jersey City, NJ 07306

Project Title: Human Factors Equipment

Amount Requested: \$1,500,000

Justification: This funding will be used to support the development of virtual reality training simulators, which will expand preparation of students in the applied sciences and biotechnology fields, enhance nursing clinical experiences beyond traditional health care settings, and create an interdisciplinary graduate degree program in psychology.

Proposed Recipient: St. Peter's College

Address: 2641 Kennedy Boulevard, Jersey City, NJ 07306

Project Title: Smart Classrooms

Amount Requested: \$650,000

Justification: The requested funds will be used to convert older, traditional classrooms into smart classrooms that contain modern telecommunications and audio/visual equipment. At present, the college has completed 24 rooms, which are currently being used with great success.

Proposed Recipient: Stevens Institute of Technology

Address: Castle Point on the Hudson, Hoboken, NJ 07030

Project Title: Security for Critical Communication Networks (SCCN)

Amount Requested: \$8,000,000

Justification: Funds will go toward creating affordable and secure communications networks for national security and humanitarian operations.

Proposed Recipient: Stevens Institute of Technology

Address: Castle Point on the Hudson, Hoboken, NJ 07030

Project Title: Persistent Unmanned Underwater Operations

Amount Requested: \$5,000,000

Justification: This initiative, which includes the design of an Unmanned Underwater Vehicle (UUV), will fill a critical gap in our nation's ability to conduct operations safely and remotely in denied ocean and river regions and in environments and situations deemed unsafe for personnel.

Proposed Recipient: Teaneck, NJ Police Department

Address: 818 Teaneck Road, Teaneck, NJ 07666

Project Title: Consultant for Accreditation/Recognition

Amount Requested: \$34,000

Justification: This funding would be used to obtain Commission on Accreditation for Law Enforcement Agencies (CALEA) and State Association of Chiefs of Police Accreditation for the Teaneck Police Department. Accreditation is a management model and a blueprint for

self-improvement, which strengthens accountability within the agency and to the community it serves.

Proposed Recipient: Teaneck, NJ Police Department

Address: 818 Teaneck Road, Teaneck, NJ 07666

Project Title: Mobile Computers for Police Cars

Amount Requested: \$40,000

Justification: Laptop computers will be placed in the police vehicles and will enhance the Department's ability to identify and apprehend persons on the terrorism watchlist, persons with outstanding warrants, stolen motor vehicles, unregistered/uninsured vehicles, suspended drivers and enhance law enforcement ability. The laptop computers will enable patrol officers to communicate with their station, other officers and other departments as well as negate an officer's need to be in the station to complete reports thus allowing for a more continuous and visible police presence.

Proposed Recipient: Telos Corporation

Address: 656 Shrewsbury Avenue, Shrewsbury, NJ 07702

Project Title: One Air Force/One Network

Amount Requested: \$2,000,000

Justification: This project will upgrade the communications infrastructure of the New Jersey Air National Guard at Atlantic City, making its networks interoperable with other Air Force units, and increasing its capability to undertake defense and homeland security missions.

Proposed Recipient: Trenton Fuel Works, LLC

Address: James Forrestal Campus, C-Site, E-239, Princeton, NJ 08540

Project Title: Cellulosic Diesel Biorefinery

Amount Requested: \$1,700,000

Justification: Funding for this project would be used to lease the Mercer County Regional Sludge Facility, as part of a plan to convert it into a biorefinery that can process organic food and food-contaminated paper waste materials into cellulosic diesel fuel, biochemicals and other biofuels. These biofuels have the potential to be a significant part of the next generation off clean energy sources.

Proposed Recipient: UJA Federation of Northern New Jersey

Address: 50 Eisenhower Drive, Paramus, NJ 07652

Project Title: Aging-in-Place in Northern New Jersey

Amount Requested: \$450,000

Justification: This funding will support case managers and congregational nurses as they conduct in-home assessments to determine which services are needed to assist older adults who are safely and securely "aging-in-place," including the following: home health aides; adult day care; senior transportation; home modifications and community-based social, cultural, educational and recreational programs.

Proposed Recipient: UJA Federation of Northern New Jersey

Address: 50 Eisenhower Drive, Paramus, NJ 07652

Project Title: Bergen Reads

Amount Requested: \$50,000

Justification: Bergen Reads is a literacy program for at-risk K–3rd graders that utilizes volunteer mentors as “Reading Buddies.” This funding would support program expansion to additional school districts and a more in-depth training program for current and future volunteers. Training would address topics such as how to help children with their reading skills and how to trouble-shoot various educational, social, and emotional barriers that may be overlooked in a group classroom setting.

Proposed Recipient: UJA Federation of Northern New Jersey

Address: 50 Eisenhower Drive, Paramus, NJ 07652

Project Title: Comprehensive Senior Adult Transportation

Amount Requested: \$240,000

Justification: This funding will be used to support a transportation service which will enable housebound and physically-limited members of the senior adult population to continue to interact with and contribute to the surrounding community.

Proposed Recipient: UJA Federation of Northern New Jersey

Address: 50 Eisenhower Drive, Paramus, NJ 07652

Project Title: Older Adult Nutrition Program

Amount Requested: \$240,000

Justification: This program provides nutritionally balanced meals for older adults either through congregate meal sites or home delivery. For older adults who are homebound, meals are delivered either once or five times per week by volunteers. For those who are able to leave their homes, the UJA Federation supports three meal sites where older adults can receive a nutritionally balanced meal, participate in social, cultural, educational and recreational programming.

Proposed Recipient: Universal Display Corp.

Address: 375 Phillips Boulevard, Ewing, NJ 06168

Project Title: Prototyping of "Green" Energy Efficient OLED Solid State Lighting

Amount Requested: \$1,200,000

Justification: The funding will be used to accelerate the launch of “green” energy saving solid state Organic Light Emitting Diode (OLED) lighting. There is a window of opportunity to establish the U.S. as a global leader in this technology, retaining intellectual property rights, and creating jobs in New Jersey.

Proposed Recipient: Union County, NJ

Address: 10 Elizabethtown Plaza, Elizabeth, NJ 07207

Project Title: Kapkowski Road Transportation Planning Area / North Avenue Corridor

Amount Requested: \$2,000,000

Justification: The Kapkowski Road Improvements are a series of roadway system improvements that will improve safety, circulation, capacity and access while accommodating expected growth in terms of freight movement and economic development. The roadway improvements will benefit traffic circulation in the area by separating car and truck traffic in the North Avenue area as well as adding needed roadway capacity to port and commercial related activities.

Proposed Recipient: USA Swimming Foundation

Address: 1 Olympic Plaza, Colorado Springs, CO 90909-5770

Project Title: New Jersey Make-A-Splash Program

Amount Requested: \$456,500

Justification: Implementing a Make-A-Splash program in New Jersey will provide lower income, minority children with after school, recreational programming to encourage healthy lifestyles, decrease gang participation and crime, and reduce the higher than average incidence of drowning amongst minority children.

Proposed Recipient: Valley Hospital

Address: 223 North Van Dien Avenue, Ridgewood, NJ 07540-2736

Project Title: Medical Errors Reduction Initiative

Amount Requested: \$2,500,000

Justification: This project will support the federal goal of further reducing the incidence of medical errors in both civilian and military hospitals by using health information technology to streamline patient throughput, lessen wait times, and reduce overcrowding, while simultaneously studying how these new efficiencies reduce the risk of errors at all levels of the hospital including nursing, diagnostic imaging, physical therapy, and respiratory therapy.

Proposed Recipient: Wallington, NJ

Address: 24 Union Boulevard, Wallington, NJ 07057

Project Title: Mercer Street Streetscape

Amount Requested: \$556,200

Justification: Funds will be used to address outdated street drainage, deteriorating pavement, sidewalks, curbs, and the road surface of the main thoroughfare in the Borough. The project will include the addition of handicap accessible ramps and the repainting of all traffic stripes and markings. The improvements to Mercer Street are critical to the residential and business areas of the Borough and will provide a quality road system with a streetscape to greatly enhance the area.

Proposed Recipient: The Workplace Technology Foundation

Address: 588 N. Gulph Road, Suite 110, King of Prussia, PA 19406

Project Title: One More Way to Drive Up Employment for Americans with Disabilities, Including Veterans

Amount Requested: \$250,000

Justification: This funding would be used to support a national, grass roots project that focuses on reversing the high rate of unemployment for people with disabilities. Funding would be used to educate job seekers, employment agencies, and local businesses about the incentives available to encourage hiring from this diverse group of workers. Funding would also be used to establish locations for employers to make meaningful connections with job-seekers of this demographic.