

## **FY 2010 Commerce, Justice, Science, and Related Agencies**

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### **A Child Is Missing, \$500,000**

*A Child Is Missing, Broward County, Florida*

Funds will be used to maintain and upgrade A Child is Missing's telephony technology and satellite mapping system. It will also help cover the support functions it provides to Florida law enforcement agencies on missing children/elderly cases; support ACIM's Florida law enforcement training sessions; and, establish community awareness meetings involving child safety issues throughout the state of Florida. Nationwide, ACIM has been credited with more than 450 successful recoveries.

### **Sexual Abuse Prevention and Treatment, \$3,000,000**

*Rape, Abuse and Incest National Network (RAINN), Washington, DC*

Funds will be used for nationwide rape education and outreach programs and to operate the National Sexual Assault Hotline. This project will further efforts to crackdown on sexual abuse and child exploitation.

### **After School Programs for at Risk Youth, \$625,000**

*Orange County Government, FL, Orange County, Florida*

Funds will be used for after school and out-of-school programs for at-risk youth into five new program-deficient areas. By involving children in recreation programs that occupy their time productively and instill positive social and life skills, the community is greatly enhanced at a significant cost-savings. Without this program, more youth will be left at home to develop at-risk behaviors, and academic success and community responsibility will decrease.

### **ARISE Life-Management Skills Intervention/Re-entry Program for High Risk Youth, \$1,000,000**

*The Arise Foundation, Palm Beach County, Florida*

Funds will be used to provide education for high risk youth, and to protect vital services within Florida's Juvenile Justice System. Stopping the cycle of crime and gang violence by helping this population learn the skills necessary to succeed in life is an investment in our children and in our communities, with the potential to save millions of dollars tomorrow.

### **Aviation and Hurricane Research Utilizing Unmanned Aerial Systems, \$5,000,000**

*Embry-Riddle Aeronautical University, Volusia County, Florida*

Funds will allow Embry-Riddle Aeronautical University to acquire an unmanned aerial system (UAS) and utilize that system at a Florida site to engage in aviation and hurricane-related research. Such data will facilitate the ultimate goal of improved hurricane forecasting and prediction.

### **Broward County Misdemeanor Drug Court Program, \$691,619**

*Broward Sheriff's Office, Broward County, Florida*

Funds will be used for two additional supervision specialists for Broward sheriff's office division of day reporting and reentry, which provides services to criminal defendants assigned to and qualified to the program. The program is designed to divert first time offenders from further involvement with the criminal justice system.

### **Career Education for At-risk and Adjudicated Youth, \$500,000**

*School District Of Palm Beach County, Palm Beach County, Florida*

Funds will be used to provide career/vocational education to approximately 300 students in grades 6-12, who are at risk of dropping out or becoming involved in gang violence or already have dropped out and have entered the juvenile justice system. Gang violence and youth crime have been pervasive problems in Palm Beach County in recent years. The program would prevent and deter street

crime and gang involvement by providing an alternative education curriculum and structure geared to meet the career/vocational education needs of at-risk, drop-out, and juvenile justice system students.

**City of Miami Police Department Crime Scene Investigation Mobile Evidence Processing Lab, \$250,000**

*City Of Miami, Miami-Dade County, Florida*

Funds will be used at locations requiring lengthy and extended investigation. These scenes require the use of specialized equipment and supplies that are not readily carried in the vehicles currently utilized by the department.

**Center for the Management of Ballast Water, \$2,300,000**

*Eckerd College, Pinellas County, Florida*

Funds will be used for a research project to address and find potential solutions to the myriad of environmental problems posed by ballast water. Comprehensive data is currently lacking to rigorously evaluate the risk of potentially invasive species transported in ballast water. This research will provide the basic knowledge that is necessary for developing predictive models and for identifying how threats from ballast water could be managed.

**Center for the Study of Vapor Mercury in the Atmosphere, \$3,500,000**

*Florida State University, Orange County, Florida*

Funds will be used to develop strategies to protect natural environments and human health and to find appropriate energy solutions to our power and transportation needs. Mercury emissions have a critical impact on the ecosystem and human health; mercury is one of two very toxic trace elements known to have major inputs to the land surface by deposition from the atmosphere. With an increased reliance on coal for America's electric power plants, a focused effort on the atmospheric portion of the mercury cycle is required to predict and regulate the dominant sources.

**City of Doral Public Safety Video System, \$1,000,000**

*City Of Doral, FL, Miami-Dade, Florida*

Funds will be used for the creation of a city-wide closed circuit video system, to be managed and monitored by the City's Police Department. The City of Doral Police Department serves the public safety and traffic needs of the rapidly-growing population and vibrant community. The goal of this system is to provide added protection against commercial theft and increased security for all of Doral's residents and visitors.

**City of Pensacola 800 Mhz Conversion, \$1,000,000**

*City Of Pensacola, Escambia County, Florida*

Funds will be used to replace the City's primary communication tower, which no longer meets the Florida Wind Code. The tower is critical infrastructure in coordinating law enforcement, EMS, and fire response and increasing interoperability. Replacement of the tower would provide a significant improvement in preparedness and coordination of emergency resources during and after severe weather.

**Coral Reef Conservation Initiative, \$2,000,000**

*Harbor Branch Oceanographic Institution At FAU, Saint Lucie County, Florida*

Funds will be used to assist coral reef managers in South Florida and the Caribbean region to develop cost-effective "Ridge- to-Reef" monitoring programs to enhance coral reef conservation policies. Nationally and globally, coral reefs are being lost at a rate that far exceeds their ability to recolonize. Ecological damage brought about by runoff laden with sediments and nutrients threatens not only the survival of these reefs, but also severely impact the economies of coastal regions.

**Cooperative Reef Fish Monitoring, \$1,000,000**

*Florida Fish & Wildlife Conservation Commission, Leon County, Florida*

Funds will be used to build long-term information for improving stock assessments and harvest management of important reef fish in the eastern Gulf of Mexico, integrating state-federal scientific expertise, resources, and expertise, in an efficient and cost-effective manner. The reef fish species support multi-million dollar commercial and recreational industries.

**Directed Study of the Recreational Red Snapper Fisheries in the Northern Gulf of Mexico, \$1,000,000**

*Florida Fish & Wildlife Conservation Commission, Leon County, Florida*

Funds will be used to collect data on the number and size composition of released red snapper caught by the private recreational and charter boat fisheries in the Gulf of Mexico, and evaluate the survival of released fish in these fisheries. Results of this project will be highly significant for the management of red snapper and will likely have important implications for other reef fish species managed by the Gulf of Mexico Fishery Management Council.

**Emergency Communications Center Upgrade to Digital Technology, \$500,000**

*St. Pete Beach, Pinellas County, Florida*

Funds will be used to purchase and install an interoperable dual position digital emergency radio console, interoperable digital emergency radio base stations, compatible digital telephone systems, compatible computer aided dispatch, records and reverse 911 software systems. The proposed project is vital for increased public and inter-agency communications and will allow the St. Pete Beach Police Department Communications Center to gather, maintain and disseminate a continuous flow of critical information during frequent incidents.

**Emergency Interoperability Equipment, St. Johns County, FL, \$700,000**

*St. Johns County, Saint Johns County, Florida*

Funds will help the County upgrade its communications system to 800 megahertz and provide interoperability throughout the entire region. Upgrading the current system to 800 megahertz will not only ensure that all police, fire, and EMS units are able to communicate, but it will also provide the option of connecting with other departments such as Public Works.

**Emergency Services Technology, \$1,500,000**

*Collier County, Collier County, Florida*

Funds will be used to acquire public safety equipment for the County's new Emergency Services Center. Outdated public safety technology equipment is hindering the ability of local law public safety officials to work effectively. The new equipment in the ESC will allow the law enforcement and emergency services personnel in the County to adequately respond in the event of an emergency.

**Emergency Wireless Law Enforcement Technology, \$500,000**

*City Of Homestead, Florida, Miami-Dade, Florida*

Funds will be used to install a city-wide Wi-Fi network that would enhance the City's public safety and emergency services communications. This project will result in increased efficiency in public service and reduce response times to emergencies by providing easy access and communication to multiple agencies and response teams simultaneously.

**Evacuation Shelter Communications, \$2,600,000**

*Orange County Government, FL, Orange County, Florida*

Funds will be used to install a Bi-Directional Amplifier (BDA) system that would connect to the respective agency Public Safety Radio System. This initiative would help improve first responders' communications throughout the shelter/school. It would also assist in their communications with their

respective Emergency Operations Centers, 911 dispatch centers, and Public Safety agencies, while providing services to citizens displaced from their homes during an emergency situation.

**Florida Hurricane Weather Research and Forecast (WRF) Model Ensemble- A System-Wide Initiative, \$7,500,000**

*University Of North Florida, Duval County, Florida*

Funds will be used to expand upon an established state-wide consortium of Universities working on Hurricane Mitigation Strategies and the IBM LA Grid Consortium. The forecasts have been shown to provide significantly improved winds, thunderstorm and rainfall forecasts for Florida.

**Florida Lightning Prediction- A 3-Year Multi-University Initiative, \$2,800,000**

*University Of North Florida, Duval County, Florida*

Funds will be used to produce probabilistic thunderstorm Cloud to Ground risk prediction in the one to 12 hour forecast interval. Lightning is the leading source of weather casualties (deaths + injuries) and this project will improve the alert times.

**Florida Marine Sportfish Replenishment Program, \$325,000**

*Hubbs Sea-World Research Institute, Escambia County, Florida*

Funds will be used to develop a comprehensive enhancement management plan that would incorporate the use of a hatchery to replenish seriously depleted stocks of marine fish important to the economy of Florida. The program would build upon HSWRI research experience in the areas of fish culture, post-release assessment of survival, genetics and fish health to develop the infrastructure required to design and operate a marine finfish replenishment program for Florida's eastern coast. The U.S. marine sportfishing industry as a whole represents sales in excess of \$11 billion annually, making an overall \$30 billion contribution to our national economy by supporting almost 300,000 jobs and generating more than \$2 billion in federal tax revenues.

**Florida Veterans Legal Clinic at Stetson University College of Law in Tampa and Gulfport, \$1,100,000**

*Stetson University College Of Law, Pinellas County, Florida*

Funds will be used to develop an advice clinic that would provide legal services to veterans. Of the 4,128 new appeals filed with the the U.S. Court for Veterans Claims in 2008, 64% of the veterans were not represented by counsel.

**Forever Family's Child Safety and Adoption Initiative (FL), \$650,000**

*Forever Family, Broward County, Florida*

Funds will be used to expand Forever Family's recruitment and awareness efforts throughout the state. Expanding these efforts will have a dramatic effect on reducing crime, alcohol and drug abuse, and homelessness among the targetd youth population, particularly those transitioning out of the foster care system.

**Geographic Information System, \$681,933**

*Town Of Davie, Broward County, Florida*

Funds will be used for the collection of infrastructure data in order to implement a Geographic Information System that integrates hardware, software, and data for capturing, managing and analyzing, and displaying all forms of geographically referenced material. The Town recognizes that geography plays a role in almost all major infrastructure and development decisions including choosing sites for development, identifying target areas for re-development, planning networks, responding to emergencies, re-drawing boundaries, and identifying existing structures town-wide.

**Grouper Aquaculture and Fishery Enhancement Project (GAFEP), \$350,000**

*Florida Keys Community College (FKCC), Monroe County, Florida*

Funds will be used to establish research and protocols to protect and sustain the grouper population upon which regional workforces and industry relies. A vibrant grouper population supports commercial fishers dependent upon a robust grouper catch, local restaurants and hospitality industries marketing grouper to residents and visitors, and a tourism industry dependent upon recreational marine environment activities. Each of these industries is threatened by a declining regional grouper population.

**SCORE, \$3,700,000**

*Mote Marine Laboratory, Sarasota County, Florida*

Funds will be used to develop and implement new hatchery-based stock-enhancement technology needed to replenish and conserve economically valuable fisheries in the US, thus transforming our economy with science and technology and protecting private sector jobs by supporting Florida's multi billion dollar commercial and recreational fishing industry. This technology will increase domestic fish abundance, which will help save and increase jobs (in all sectors of the US fishing industry), reduce reliance on imports, and decrease the record seafood trade deficit.

**Highly Migratory Shark Fishery Research (National Shark Reserach Consortium), \$1,500,000**

*Mote Marine Laboratory, Sarasota, Florida*

Funds will be used for conducting scientific research on sharks at four major U.S. institutions, including Mote Marine Laboratory and the University of Florida. Sharks and their relatives, the skates and rays, are in serious decline worldwide due to overfishing and habitat destruction, with some even facing endangered species status. Research is required for assessing the status of shark stocks, managing U.S. shark fisheries, and helping our nation take the leading role in worldwide conservation and management of shark populations.

**Human Trafficking Initiative, \$500,000**

*St Thomas University, Miami-Dade County, Florida*

Funds will be used to design training programs on combating human trafficking through the Academy on Human Rights, teach and promote ways of cooperation among representatives from a variety of societal sectors in preventing and combating human trafficking, and carry out research as to best practices to combat Human Trafficking. It is estimated that 14,500 to 17,500 men, women, and children are trafficked into the U.S. every year.

**Information Technology Campus Wiring, \$600,000**

*City Of Weston, Broward County, Florida*

Funds will be used to install an internal network connecting the City's operations facilities; City Hall, Police Station/EOC, Public Works Facility and Community Center. This project will provide secure communications between the City's Emergency Facilities and will allow us to continue to operate during and after disaster events where normal communication are interrupted.

**Infrastructure Improvements for Reseach Vessel Weatherbird II, \$1,600,000**

*University Of South Florida, Hillsborough County, Florida*

Funds will be used to address a national need for cutting edge technology for at-sea data collection and research. This will update the technology needs of the Weatherbird II to improve at-sea data collection capability.

**Innovative Response to Improve Safety (I.R.I.S.), \$477,000**

*City Of Orlando, Orange County, Florida*

Funds will be used for the City of Orlando and the Orlando Police Department, in partnership with local businesses and other local agencies, to deploy camera and communications technology to reduce crime in the city. The focus of the project is to reduce crime within the City, and more specifically

target violent crime in the downtown corridor. Similar camera projects exist in numerous major cities throughout the country and are highly successful. Cities such as Minneapolis, Houston, Boston, and Dallas are experiencing a tremendous decrease in crime in the areas where cameras are deployed.

**Integration and Instrumentation of Coastal Water Monitoring in Northwest Florida, \$3,000,000**

*University Of West Florida, Escambia County, Florida*

Funds will be used to strengthen and standardize the monitoring network and train students and personnel in scientific techniques and analysis. This program will standardize a monitoring network for the region for the use of resource managers, the military, and by citizens utilizing the natural resources of the region.

**Interoperability, \$4,000,000**

*Miami-Dade County, Miami-Dade County, Florida*

Funds will be used to purchase software and radios to improve public safety radio interoperability and communications between neighboring public safety agencies. Local law enforcement agencies, fire departments, emergency medical services, and other first responders will be able to provide the highest quality of service.

**Interoperability P-25 Compliant Radio System, \$413,350**

*Jacksonville Beach, Duval County, Florida*

Funds will be used to upgrade the City's public safety communications to a P-25 Compliant Radio System. This project will help protect vital services and help lessen the strain on the City's Police Departments Budget by providing more efficient updated law enforcement technology, and will allow radios of different models to communicate across multiple jurisdictions to address the regional approach to public safety communications interoperability.

**Interoperable Communications Upgrade to P25 Compliance Standards, \$5,000,000**

*City Of Fort Lauderdale, Broward County, Florida*

Funds will be used to modernize the radio system utilized by Fire-Rescue, Police and Public Works. This project will modernize the system, ensuring reliable communications within the City, and will bring the entire radio system into Project 25 Compliance, thereby facilitating regional interoperable communications and satisfying a Department of Homeland Security requirement.

**Interoperable Radio Consoles, \$490,000**

*City Of Winter Garden, FL, Orange County, Florida*

Funds will be used to replace the Police Department's dispatch consoles to maintain interoperability with the adjoining municipal departments within Orange County, Florida. The current analog dispatch consoles are nearing the end of their planned life cycle and will be obsolete within a few years. A critical component of the radio system is having the appropriate dispatch consoles to enable the municipal police agencies to have interoperability with each other.

**Jacksonville Journey At-Risk Youth Intervention Initiative, \$1,200,000**

*City Of Jacksonville, Duval County, Florida*

Funds will be used to enhance the Jacksonville Journey's at-risk youth intervention and diversion strategy to reduce truancy and drop out rates, and assess juveniles when initially entering the juvenile system. This project advances the mission of the Office of Juvenile Justice and Delinquency Prevention by developing and implementing prevention and intervention programs, improving the juvenile justice system so that it protects public safety, holds offenders accountable, and provides treatment and rehabilitative services tailored to the needs of juveniles and their families.

**Jumpstart funding for Covenant House Florida's Addictions Management Project (CHAMP), \$800,000**

*Covenant House Florida, Broward County, Florida*

Funds will be used to jumpstart the Covenant House's Addictions Management Program (CHAMP) allow for specialized and professionally credentialed caregivers who can provide direct, intensive clinical care and guidance to CHAMP participants. CHF will ensure that youth who need help receive treatment, therapy, individualized and group counseling, case management both on site and in the local community. A recent Vanderbilt University study estimated that for each high-risk youth diverted from a life of crime, the country saves \$1,700,000.

**Juvenile Assessment Center (JAC) National Demonstration Project, \$1,000,000**

*Miami-Dade County, Miami-Dade County, Florida*

Funds will be used to establish a Juvenile Assessment Center. The anticipated benefits include a better-functioning juvenile justice system and, eventually, fewer instances of juvenile crime throughout the South Florida region. The targeted population includes the Miami-Dade County court system, which processes juvenile offenders, and those juveniles who may be at-risk for becoming offenders down the road.

**Juvenile Delinquency Prevention Advocacy Center for Girls and Young Women, \$800,000**

*Nccd Center For Girls And Young Women, Duval, Florida*

Funding will be used to promote gender equity in Florida's juvenile justice system. Many juvenile justice facilities have been designed for boys and do not meet the multiplicity of gender specific needs of girls, even though girls are a growing population within the juvenile justice system.

**KidsPeace Therapeutic Foster Care Program, \$400,000**

*KidsPeace, Seminole County, Florida*

Funds will be used to establish a KidsPeace therapeutic foster care program in Seminole/Orange Counties. The program will provide community-based placement to children involved with or at risk for involvement with the juvenile justice system, address the mental health needs of children in the social service system, and provide safe and supportive homes to children. The program reduces recidivism up to 80%, using preventative measures to avoid repeat offenders and increasing public safety.

**Launch Complex Construction, \$5,000,000**

*Space Florida, Brevard County, Florida*

Funds will be used to convert launch Complex 36 (LC-36) and 46 (LC-46) to multi-vehicle commercial launch pads capable of supporting an emerging commercial space market. These pads will also be capable of supporting various Department of Defense and Operationally Responsive space missions. This project will create many high-technical jobs at Kennedy Space Center and strengthen America's military space launch infrastructure.

**Law Enforcement Technology - Camera Security System, \$500,000**

*City Of Boca Raton, Palm Beach, Florida*

Funds will be used for a city-wide camera security system to be integrated as part of the City's high speed wireless mesh network. The installation of the cameras will be an integral part of an overall web-based security network, enhancing crime prevention and detection as well as public safety as a part of the city-wide surveillance system.

**Law Enforcement Technology - Fingerprint Identification Equipment and Cell Phone Technology, \$650,000**

*Marion County, Marion County, Florida*

Funds will be used to expand fingerprint technology, which captures fingerprints required for FBI criminal background checks, through the rest of the patrol vehicles, and to expand law enforcement technology to include cell phone technology that will provide a more accurate location of suspects whose cell phones are being tracked. This technology will lead to more expeditious apprehension of criminals and reduce the law enforcement human resource associated with locating the suspect, and will help Marion County's economy by allowing police officers to carry out their work more efficiently, which means there will be less manpower needed on certain tasks.

**Law Enforcement Technology Improvement Project, \$500,000**

*City Of Riviera Beach, Palm Beach County, Florida*

Funds will be used to purchase law enforcement technology. The project will improve public safety by acquiring a performance and evaluation information system, a mission critical "IP" based public safety network with communication devices, emergency operations center equipment, an automatic identification system (AFIS) with mobile links for in-field identifications, four stationary digital video recording systems with license plate recognition software; a gunfire location system; and marine related technologies for beach and coastal waterway and Port surveillance including radar, night vision, underwater cameras and vessel inspection equipment.

**Law Enforcement Interoperability Program, \$345,000**

*City Of Tamarac, Broward County, Florida*

Funds will be used to improve the interoperability of the City's first responder and utility communications. Law enforcement, city staff, and all first responders need a new 800 MHz radio system in order to communicate with each other and Broward County during disasters. The project will allow the city's radio system to interoperate with the county's radio system, providing for improved and more reliable communications during disasters and other emergency situations.

**Law Enforcement Technology, \$485,000**

*Okaloosa County, Okaloosa County, Florida*

Funds will be used to purchase new technology, in order to protect vital services and employ new technology to save the County Sheriff money. The Sheriff's Office is using outdated technology, which does not allow it to work efficiently with federal, state and local jurisdictions. Modern technology would provide the Sheriff's Office the ability to successfully target drug trafficking organizations, which are now posing a greater threat to the County.

**Law Enforcement Technology - Reverse 911 System, \$56,000**

*City Of Plantation, Broward County, Florida*

Funds will be used for a modern reverse 911 System. This technology is needed to update the City's current 911 system which is antiquated and does not meet the requirements for the timely notification of emergency situations to the City's residents for hurricane and disaster information, about missing persons, or other emergency notifications.

**Law Enforcement Technology and Emergency Operations Center Technology, \$500,000**

*City Of Lake County, Lake County, Florida*

Funds will be used to acquire communications equipment for an Emergency Operations Center to enhance emergency response and public safety, so that emergency response and communication is improved through connectivity. The County's experience with major disasters over the past several years including the Groundhog Day tornadoes in 2007, showed the importance of connectivity and interoperability for Lake County's emergency response teams. This technology will ensure police, fire, and other emergency communications, continuity of government operations, and uninterrupted outreach to the public during an emergency across the County.



**Leon County/City of Tallahassee Joint Dispatch Center, \$5,000,000**

*Leon County, Leon County, Florida*

Funds will be used to construct a joint dispatch center for the purposes of dispatching all law enforcement, fire, and emergency medical services. The joint dispatch center will ensure that the closest available unit is dispatched to an emergency, reducing the response time during a critical emergency. This project will improve the coordination of both emergency and non emergency calls for efficient deployment of public safety resources.

**Maitland Law Enforcement Technology, \$1,920,000**

*City Of Maitland, Orange County, Florida*

Funds will be used for law enforcement technology upgrades for the public safety radio system and Mobile Data Terminals for the Maitland Police and Fire Department, to enhance public safety and first responder capabilities. The City's current technology will soon be obsolete.

**Methamphetamine Enforcement and Cleanup, \$250,000**

*Hillsborough County, Hillsborough County, Florida*

Funds will be used for methamphetamine drug use prevention, treatment, and laboratory site cleanup programs. Realizing that methamphetamine has clear and tragic consequences, whether it's the obvious striking physical and mental affects or the clean up of the toxic production laboratories, the County proposes to combat the problem through prevention, treatment and cleanup of sites.

**Miami Beach After School Program, \$1,450,000**

*City Of Miami Beach, Miami-Dade County, Florida*

Funds will be used to support the Teen Club, whose goal is to prevent and reduce delinquent behavior and keep the community's at-risk youth in a positive environment to foster personal growth and encourage teens to become well-rounded individuals through the accumulation of new skills, awareness, and knowledge. Participants involved in the Teen Club are less likely to entertain outside and detrimental participation in other unsupervised activities, including involvement in gangs and/or drugs.

**Mobile Automated Fingerprint Identification System (AFIS), \$2,500,000**

*Miami-Dade County, Miami-Dade County, Florida*

Funds will be used for the Mobile Automated Fingerprint Identification System (AFIS). This system is a multi-county initiative that allows for a wireless, mobilized, automated fingerprint identification system to rapidly screen fingerprints and identify suspects across jurisdictional boundaries when most needed. This project would give law enforcement officers the most effective tools to keep Miami-Dade County as safe and secure as possible.

**Mobile Command Center Technology Upgrade, \$88,200**

*Hollywood Police Department, Broward County, Florida*

Funds will be used to purchase new technology for the City's Mobile Command Vehicle, which will be used for critical incidents, coordinating and processing major crime scenes, and proactive law enforcement activities. The Mobile Command Vehicle will be available throughout the region to agencies in the Miami-Dade, Broward and Palm Beach counties upon request.

**Monitoring acidification, sea level rise and storm impacts on the West Florida Continental Shelf, \$1,200,000**

*University Of South Florida, Hillsborough County, Florida*

Funds will be used for shipboard field expeditions. This project addresses a NOAA priority as determined by the Observation Needs Assessment of NOAA Technical Memorandum, December 2008.

**Mortgage Fraud Task Force (MTFT), \$1,000,000**

*Miami-Dade County, Miami-Dade County, Florida*

Funds will be used for the creation of a mortgage fraud task force national model to train law enforcement individuals in those identified communities which represent the ten highest concentrated areas affected by mortgage fraud. The Miami-Dade County MFTF will serve as a national model based on its proven performance. The anticipated benefits include a more effective process of dealing with and prosecuting mortgage fraud in Miami-Dade County and nationwide, and eventually, a decrease in the occurrence of mortgage fraud.

**National Coral Reef Institute, \$1,000,000**

*Nova Southeastern University, Broward County, Florida*

Funds will be used to continue coral reef research, monitoring, restoration, and mitigation activities of coral reefs in the US, including Florida the Atlantic, and the Caribbean. NOAA economic studies indicate that Broward County reefs alone directly support over \$2 billion in economic activity and \$8 billion statewide. Funding for the National Coral Reef Institute will ensure the continued economic contributions and vitality of coral reefs and coastal ecosystems.

**National PAL Youth Enrichment Program, \$5,000,000**

*National Association Of Police Athletic/Activities, Palm Beach County, Florida*

Funds will be used to provide opportunities for youth to interact with law enforcement officers in a positive environment. The National PAL Youth Enrichment program reduces juvenile crime which results in fewer calls for service allowing patrol officers more time to carry out their patrol duties and answer calls for service.

**NEFEC Dropout Prevention, \$450,000**

*North East Florida Educational Consortium, Putnam County, Florida*

Funds will be used to allow schools to overcome logistical complications such as time, geography and safety by providing a web-based program to some students. Offering students a more flexible, but still rigorous learning opportunity allows schools to work with a cohort of students that they have previously struggled to deal with. This program will give teachers every opportunity to succeed with these struggling students and aids them in recovering credits and returning to their appropriate educational levels.

**New College of Florida Marine Biology Center: Research and Integration, \$200,000**

*New College Of Florida, Manatee, Florida*

The funds will be used to establish a seed program at the Pritzker Marine Lab at New College of Florida to educate a broad audience through research and integration. Through the use of virtual marine science internships, students and community members will be provided an opportunity to engage in guided and self-generated environmental projects. These projects will focus on collecting baseline information on connectedness between marine and fresh water systems.

**NMFS Funding for Catch Shares, \$33,000,000**

*Florida Fishermen & Environmental Defense Fund, Sarasota County, Florida*

Funds will be used to provide the National Marine Fisheries Service with additional funding to provide to regional fisheries management councils to implement catch shares programs. Many fish stocks are overfished and declining, falling short of their harvest capacity and risking coastal jobs. Catch Shares are especially effective in increasing the size of a fishery over time by ending practices which impair the reproductive capacity of the fishery.

**No Wrong Door: Comprehensive Management of Offenders with Co-occurring Mental Illness/Addiction, \$5,000,000**

*Alachua County, FL, Alachua County, Florida*

Funds will be used to develop a comprehensive plan to manage offenders with co-occurring mental illness and substance abuse disorders. This innovative approach could prove to be an effective keystone to alleviate jail overcrowding by reducing the recidivism rate which is prevalent with offenders suffering from a mental illness compounded by drug abuse. The project represents an effort by Alachua County to create a more efficient system regarding County services, by keeping these individuals out of the prison system, where they do not belong. Further, the comprehensive services provided to these offenders often enable them to reenter the workforce and become productive members of the community.

**NOAA's National Undersea Research Program, \$20,000,000**

*Perry Institute For Marine Science, Palm Beach County, Florida*

Funds will be used to provide data to help understand issues associated with global climate change, as well as developing new drugs using marine organisms. This program has produced critical research data for ecosystem management, including coral reefs, as well as commercial fisheries.

**Observing, Modeling, and Visualizing Storm Surge Inundation, \$2,000,000**

*Florida International University, Miami-Dade County, Florida*

Funds will be used to develop a real-time probability forecast and visualization of surge inundation along the Florida coast. The distribution of surge flood data through will allow responders, governmental officials and the public to visually determine surge impacts. The project would enhance public response and thus greatly lessen deaths across the State and the nation during future storm surges.

**Ohel At-Risk Youth and Child Abuse Prevention Program in South Florida, \$360,000**

*Ohel Children's Home And Family Services, Miami-Dade County, Florida*

Funds will be used to enhance the social and emotional functioning of at-risk youth in elementary and high schools, as well as to prevent and address risky behaviors including those that often lead to addictions and violence. The program includes school-based services, community education, and teacher training. Ohel's school-based program works with day schools and community groups for a variety of emotional, behavioral, and/or social problems.

**Orlando Health Orange County Children's Advocacy Center Programs, \$500,000**

*Orlando Health, Orange County, Florida*

Funds will be used to sustain existing Child Advocates and Therapists and other costs, as well as expand the program's capacity to provide services with the addition of two Child Advocates and four Therapists. This program would support efforts to develop and implement effective prevention and intervention programs and to improve the juvenile justice system in order to enhance public safety, prevent delinquency, protect children and provide treatment and rehabilitative services tailored to the needs of juveniles and their families.

**Palm Bay Mobile Command Unit Communications System, \$600,000**

*City Of Palm Bay, Brevard County, Florida*

Funds will be used for a communications system in the City's new Mobile Command Center. The command center will be used as headquarters during critical incidents for on-scene investigations and provide various agencies the necessary resources required to respond and complete missions. The need for this project is shown in the State of Florida Comprehensive Emergency Management Plan, the Brevard County Comprehensive Emergency Management Plan, the Palm Bay Comprehensive Emergency Management Plan, and the Palm Bay Continuity of Government Plan.

**Pat Thomas Law Enforcement Academy, \$400,000**

*Tallahassee Community College, Leon County, Florida*

Funds will be used to expand on-line intelligence training program at the Pat Thomas Law Enforcement Academy. The National Criminal Intelligence Sharing Plan (NCISP) was developed as a

key tool that law enforcement agencies can employ to support their crime fighting and public safety efforts. This training helps law enforcement and other criminal justice agency personnel meet NCISP standards to ensure professional conduct and the capability to achieve a common understanding of intelligence-based policing.

**Phoenix House Florida Phase 2: Drug Treatment Technology Enhancement Initiative, \$700,000**

*Phoenix House, Hillsborough County, Florida*

Funds will be used to complete the acquisition, installation, and training of staff in the use of a clinical management systems that enable us to: thoroughly assess a client's needs, customize treatment, update clinical records, share data electronically within the Phoenix House treatment network and with governmental and community partners, and help program graduates remain in recovery by providing electronic access to Phoenix House support services.

**Pilot electronic web/phone/fax logbook reporting for red snapper for-hire vessels in the GOM, \$200,000**

*National Association Of Charterboat Operators, Escambia County, Florida*

Funds will be used to develop and test an electronic web/phone/fax based logbook reporting system for for-hire vessels fishing for red snapper in the Gulf of Mexico which will provide real time catch and effort data to enhance the MRIP and red snapper stock assesments. The project helps to enhance our economy by providing real time data to enhance the current science of fish stock assessments and will help to save public sector jobs.

**Police Athletic League Facility and Programming Enhancement, \$390,000**

*The City Of Daytona Beach, Volusia County, Florida*

Funds will be used to expand the use of a facility for enhancement of crime prevention activities including: (1) recreational activities such as a community track and field team and a boxing program; and (2) after school and summer programs. Research proves that boys and girls in educational and athletic after school programs like PAL are half as likely to drop out of high school and two and a half times more likely to go to college.

**Police Department Computer Systems and Communications Upgrade, \$260,000**

*Treasure Island, Pinellas County, Florida*

Funding will be used to purchase a Records Management System that provides program modules for records management, computer-aided dispatch, mobile communications and resource management. This complete system will unify operations and manage information from all agency divisions. The current system is significantly slow sharing critical information to agency personnel in a time sensitive environment, and does not have needed features to communicate and integrate with County, State, and Federal Law Enforcement Databases.

**Police Radio Communications System Replacement, \$500,000**

*Town Of Jupiter, Palm Beach County, Florida*

Funds will be used to purchase a new communications system in order to provide interoperability support, additional channels through signal digitization, and additional antenna siting to improve coverage. The current voice radio infrastructure is inadequate to serve the public safety communications needs of the community. Within the next several years, the Town will be forced to address each issue to avoid placing its Police Officers and Citizens at risk due to poor communications.

**Project Y.E.S., \$500,000**

*Agudath Israel Of Florida, Miami-Dade County, Florida*

Funds will be used to provide at-risk students in grades 6 through 12 with adult mentors who will develop close, healthy relationships with them while helping the students improve relationships with their

parents. Project Y.E.S. keeps children out of jail and off the streets, and attempts to improve academic performance, school appreciation and social skills among thereby preventing future scholastic failure, truancy, and delinquent behavior.

**Public Safety Program Expansion and Mobile Crime Scene Training Unit, \$373,000**

*Palm Beach Community College, Palm Beach County, Florida*

Funds will be used for computer forensic equipment and a crime scene mobile training unit. Through requested funding, PBCC will create: (1) specialty forensic training programs in computer forensics, forensic accounting, accident reconstruction, and courtroom management; and (2) special mobile training for crime scene technician students. These Forensic programs will provide training in specialty areas where there is a growing demand.

**Shot Spotter and Red Light Camera Technology, \$800,000**

*City Of Cocoa, Brevard County, Florida*

Funds will be used to purchase shot spotter and red light camera technology. The shot spotter system allows law enforcement to locate and respond to gun shots using triangulation technology, allowing officers to respond much more quickly to prevent gun related crime and apprehend perpetrators. Red light cameras reduce traffic crashes and fatalities caused by red light violations, thereby improving safety.

**Shrimp Industry Fishing Effort Research, \$1,500,000**

*Southern Shrimp Alliance, Pinellas County, Florida*

Funds will support a program that uses new cutting edge electronic technology to precisely monitor the duration and location of shrimp fishing efforts and red snapper bycatch and is thus fundamental to achieving the rebuilding objectives of the federal red snapper fishery management plan. A fully rebuilt red snapper stock in the Gulf of Mexico will increase the value of this fishery by tens of millions of dollars and provide thousands of new jobs through the Gulf.

**Space Alliance Technology Outreach Program, \$4,000,000**

*Technological Research And Development Authority, Brevard County, Florida*

Funds will be used to assist in providing technical assistance and expertise to small businesses through the Space Alliance and Technology Outreach Program. The Space Alliance Technology Outreach Program is essential to providing the technical assistance and technology transfer expertise necessary to ensure that impacted aerospace companies remain viable, competitive, and sustainable in the challenging marketplace.

**Structural Repairs Housing Municipality Emergency Equipment in the Biltmore Landmark, \$1,000,000**

*City Of Coral Gables Municipality/Locality, Miami-Dade, Florida*

Funds will be used to make structural repairs to stabilize the municipality's emergency communication equipment in the National Historic Biltmore Landmark. The Landmark serves as an emergency evacuation center for the area during hurricanes.

**Technological Equipment Upgrade for Miami-Dade Schools Police Department, \$750,000**

*Miami-Dade County Public Schools, Miami-Dade County, Florida*

Funds will be used to purchase new technology for the Miami-Dade Schools Police Department in an effort to upgrade their equipment. Providing for a technological upgrade to the Miami-Dade Schools Police Department not only ensures the safety of children enrolled in the school system but also makes sure the Department is able to do their job.

**Thermal Vacuum Chamber, \$5,000,000**

*Space Florida, Brevard County, Florida*

Funds will be used to either retrofit existing facilities or construct an additional Thermal Vacuum Chamber (TVAC) at the ONC facility. If a new TVAC is constructed, it will provide the state of Florida with the capability to service the new ORION vehicle being built at Kennedy Space Center (KSC), as well as promote additional manufacturing work to be designated to KSC, such as the Lunar Lander, Lunar Habitat, Lunar Service Modules, that will benefit the workforce development while reducing the job losses created by the pending retirement of the Shuttle program. Space Florida also anticipates that by having a TVAC, the state of Florida can capture and build new commercial manufacturing businesses such as satellite engineering, design and testing.

**Town of Davie Law Enforcement Technology, \$875,000**

*Town Of Davie, Broward County, Florida*

Funds will be used to purchase digital radios for the Police Department's Smart Zone Communications System, which will allow the Police Department to be compliant with the systems upgrade required by the Broward County Sheriff's Office. The purchase of the digital radios will expedite access to critical information for emergency situations and prevent human and property losses.

**Turtle Observer Funding/Gulf of Mexico Grouper Fishery, \$1,000,000**

*NOAA Southeast Science Center, Miami-Dade County, Florida*

Funds will be used to monitor and report the number of threatened loggerhead sea turtle interactions with Gulf of Mexico bottom long line fishing boats. Data from observer coverage during 2006-2008 showed a level of turtle take exceeding authorized levels; as a result an emergency rule will close the fishery from May 18 through October 28. Enhanced observer coverage is essential to responsible management of the fishery. Funds for observers could also help to ensure the continued operation of the reef fish fishery in the long term without jeopardizing sea turtles.

**Youth Crime Watch of Florida Outreach Program, \$499,550**

*Youth Crime Watch Of America, Miami-Dade County, Florida*

Funds will be used to provide support for the operation of a diverse array of sites across the state, including the school districts of Hillsborough County, Broward County, Walton County, and Lafayette County. School evaluations show youth participants are more willing to report crime, and are more closely bonded to school and positive adult leaders such as law enforcement, and are more involved in their community.