

## **BARTON APPROPRIATIONS REQUESTS FOR FY2010**

*Center for Innovation*

**Arlington Chamber of Commerce**

505 East Border Street

Arlington, TX 76010-7402

This Recipient is a NOT for-profit entity.

**\$ .2M**

This project will serve to enable the commercialization of research at the University of Texas at Arlington, particularly in bio-technology and nano-technology, in collaboration with private industry partners, by linking the discoveries with commercial potential to venture capital and entrepreneurial talent. This will encourage technology based enterprises to establish themselves in the Sixth District. This is a valuable use of taxpayer funds because the Center for Innovation will foster the development of entrepreneurial talent, in order to drive the North Texas region's economic competitiveness.

*Strike Weapon Propulsion (SWEAP)*

**Carbon-Carbon Advanced Technologies Inc. (c-cat Inc.)**

4704 Eden Road

Kennedale, TX 76060

This Recipient is a NOT for-profit entity.

**\$7M**

The purpose of this project is to further development and to improve operational flight capabilities of this system coupled with lowering costs a full scale test article and subsequent articles. This is a valuable use of taxpayer funds because it is imperative that our country has the ability to defend itself. This project allows for continued research of a hypersonic weapons platform.

*Capital Area Food Bank Disaster Response Critical Upgrades*

**Capital Area Food Bank**  
8201 South Congress Avenue  
Austin, TX 78745-7305

This Recipient is a NOT for-profit entity.

**\$2M**

The purpose of this request is to construct a larger warehouse facility to accommodate the needs associated with disaster response, and this problem is exacerbated by the rapid increase in their service needs. This is a valuable use of taxpayer funds because the Food Bank serves as a vital asset to citizens in 21 Congressional Districts in Texas, fighting hunger on a daily basis. However, it's national importance is explicit in its use for coastal evacuations and emergencies, as it services the Texas Gulf Coast in the case of an emergency or natural disaster.

*Arlington Municipal Airport - Medium Approach Lighting System (MALSR )  
Installation*

**City of Arlington**  
PO Box 90231  
MS 01-310101 West Abram Street  
Arlington, TX 76004-3231

This Recipient is a NOT for-profit entity.

**\$.637M**

The project is for the installation of a MALSR at the Arlington Municipal Airport to supplement and enhance the existing Instrument Landing System (ILS) for Runway 34. This is a valuable use of taxpayer funds because the MALSR equipment has already been acquired by the FAA and is currently being stored on site (not in use). By installing the MASLR equipment, the North Texas region will benefit from increased aviation capacity.

*Johnson Creek*  
**City of Arlington**  
PO Box 90231  
MS 01-310101 West Abram Street  
Arlington, TX 76004-3231

This Recipient is a NOT for-profit entity.

**\$2.0M**

The Johnson Creek Project calls for flood damage reduction, restoration of the floodplain and its riparian areas and the development of a linear park with passive recreational facilities. The requested funding will be used for design, engineering and construction of the Johnson Creek Flood Control Project. This is a valuable use of taxpayer funds because it is within the Corps of Engineers stated capability.

*South Center Street Bridge over I-20 (Ronald Reagan Freeway)*  
**City of Arlington**  
PO Box 90231  
MS 01-310101 West Abram Street  
Arlington, TX 76004-3231

This Recipient is a NOT for-profit entity.

**\$11.4M**

The purpose of this project is to construct the Center Street Bridge over I-20. This is a valuable use of taxpayer funds because the completed bridge will improve mobility and access to the Arlington Municipal Airport (the busiest general aviation airport in the DFW Metroplex), Tarrant County College, and an important economic development area. The bridge will also offer an additional north/south travel route across Interstate 20, decreasing congestion on other north/south roadways.

*US HWY 287 Bypass*

**City of Ennis**

PO Box 220

Ennis, TX 75120

This Recipient is a NOT for-profit entity.

**\$20M**

The purpose of this project is to reconstruct existing lanes, construct new lanes (4 lane divided highway) with three (3) overpasses and frontage roads on a 4 mile stretch of US HWY 287. This is a valuable use of taxpayer funds as there is significant school, commercial, industrial and residential development along the 287 bypass and the 4-lane facility is necessary for adequate safety.

*Feasibility study of a portion of the Upper Trinity River Basin*

**City of Kennedale**

405 Municipal Drive

Kennedale, TX 76060-2249

This Recipient is a NOT for-profit entity.

**\$.1M**

The purpose of this project is to conduct a feasibility study on a portion of the Upper Trinity River project along Village Creek in Kennedale, TX to determine the engineering, economic, and environmental feasibility of constructing a flood control project. This is a valuable use of taxpayer funds because the study is being conducted by the Corps of Engineers to benefit the Kennedale community.

*Redesign Ratcliff Lake Recreation Area and Campground*  
**Davy Crockett National Forest**  
18551 State Highway 7 East  
Kennard, TX 75847-7207

This Recipient is a NOT for-profit entity.

**\$2.5M**

The purpose of this project is to develop a detailed site plan for the Ratcliff Lake Recreation Area to include redesigning and upgrading the camping loops, utilities, control systems, facilities, road and parking improvements and repair the historic Dam and spillway (built by CCC in early 1930's). By completing this project the Davy Crockett NF can provide more modern amenities to meet the current demands and accessibility standards and become a more cost-effective operation while maintaining its rural image in the community.

This is a valuable use of taxpayer funds because the National Forest Service is working to provide services for which there is a demand. The Ratcliff Lake Recreation Area was built in the mid-1930's when camping needs were very different. Ratcliff Lake is located within a half-day's drive of seven of the State's largest population centers and as a result of the high volume of modern day campers there is a demand for modern amenities including full RV hookups and longer site lengths.

*Collaborative Fingerprint and Palmprint Identification*  
**Deep East Texas Council of Governments (DETCOG)**  
210 Premier Drive  
Jasper, TX 75951-7495

This Recipient is a NOT for-profit entity.

**\$1M**

The project will provide AFIX Tracker automated fingerprint and palm print identification systems, AFIX Verifier single-finger verification systems, and AFIX Identifier 2-finger live capture identification systems, including hardware, software, installation, training and support to Sheriff's Departments and Police Departments across the 12-county region. The funds in this request would be used to purchase laptop sized devices for each county to network their databases of finger and palm prints. This is a valuable use of taxpayer funds because the project provides law enforcement officials a new tool they can utilize to fight crime and in turn make the communities within DETCOG safer.

*Reactive Materials*  
**Federal Technology Group**  
2421 Thomas Road  
Haltom City, TX 76117-4741

This Recipient is a FOR-profit entity.

**\$3M**

This project further develops an application called "reactive materials," which mitigates the effect of Improvised Explosion Devices on the U.S. war fighter. Producing these new munitions will stimulate job creation throughout Texas in the areas of design, engineering, manufacturing and assembly. This is a valuable use of taxpayer funds because protecting U.S. troops is in our national interest.

*CNG Replacement Buses*  
**Fort Worth Transportation Authority "The T"**  
1600 East Lancaster Avenue  
Fort Worth, TX 76102-6720

This Recipient is a NOT for-profit entity.

**\$4M**

The purpose of this request is to purchase 12 Compressed Natural Gas fueled coaches to replace the oldest vehicles in The T's fleet. This is a valuable use of taxpayer funds because it would enable the T's entire bus fleet to be 100% wheel chair accessible, less than 10 years old, and fueled with cleaner burning compressed natural gas in support of North Texas clean air initiatives.

*Safety First*

**SafeHaven of Tarrant County**

6815 Manhattan Boulevard

Suite 105

Fort Worth, TX 76120-1212

This Recipient is a NOT for-profit entity.

**\$.14M**

The Safety First program operated by SafeHaven of Tarrant County links women and their children with to the two full-service emergency shelters in Fort Worth and Arlington, TX. This is a valuable use of taxpayer funds because the lifeline offered by SafeHaven's toll-free hotline presents a first step in breaking the cycle of domestic violence and chronic homelessness.

*Water Quality Education and Planning for North Central Texas*

**Texas Agrilife Research**

1500 Research Parkway

Suite 150, 2259 TAMU

College Station, TX 77843-0001

This Recipient is a NOT for-profit entity.

**\$.525M**

The purpose of this project is for Texas Agrilife Research in conjunction with the Tarrant Regional Water District to determine how to slow or stop the decline of water quality in five TRWD reservoirs. Texas Agrilife Research would then develop a watershed protection plan to guide local efforts to protect stream and reservoir water quality in North Central Texas. This is a valuable use of taxpayer funds because the end result aims to protect the water quality of the reservoirs that provide virtually all the drinking water for the 6th District.

*The Center for Food Industry Excellence*  
**Texas Tech University**  
19<sup>th</sup> and University Ave.  
Mail Stop 3121  
Lubbock, TX 79409

This Recipient is a NOT for-profit entity.

**\$3M**

The purpose of this request is to systematically develop a process for the evaluation of food products from farm to table, and to address the food-related safety concerns that exist in society today. The project will use a multidisciplinary approach to find ways to improve the safety, quality, utility and acceptance of food innovations and resultant food products. A key component will involve creating a mechanism by which food innovations can be evaluated from the agricultural production, manufacturing, food service and retail perspectives. This is a valuable use of taxpayer funds because the end result aims to achieve a safer and more nutritious food supply.

*Center for Renewable Energy, Science, and Technology (CREST)*  
**University of Texas at Arlington**  
701 S. Nedderman Drive  
346 Davis Hall  
Arlington, TX 76019-0001

This Recipient is a NOT for-profit entity.

**\$5M**

The Center for Renewable Energy Science and Technology (CREST) seeks to develop technology that will allow the conversion of homeland natural resource hydrocarbons, such as coal, oil sands, crude, oil shale, bitars, agricultural wastes and industrial sludges, into more valuable forms of energy, such as clean, affordable gases, transportation fuels and heating oil.

This is a valuable use of taxpayer funds because the technologies produced by CREST will help to ensure homeland security and economic prosperity by developing and commercializing domestic alternative clean fuel technologies.

*Development of a Smart MicroGrid Testbed*

**University of Texas at Arlington**

701 S. Nedderman Drive  
346 Davis Hall  
Arlington, TX 76019-0001

This Recipient is a NOT for-profit entity.

**\$3M**

This project calls for the establishment of a smart electric power distribution MicroGrid Testbed to explore the technologies for MicroGrid development and its integration with existing networks to support the future electric smart grid power distribution.

This is a valuable use of taxpayer funds because upgrading the grid to meet the electricity needs of our nation in the 21st century will be a vital step towards ensuring our nation's economic viability and national security in the coming years.

*Smart Care*

**University of Texas at Arlington**

701 S. Nedderman Drive  
346 Davis Hall  
Arlington, TX 76019-0001

This Recipient is a NOT for-profit entity.

**\$3.73M**

The purpose of this project is to establish a research and demonstration center, to develop, build, and deploy the next generation of intelligent care technologies to significantly improve preventive in-home healthcare for the aging and disabled including our nation's veterans.

This is a valuable use of taxpayer funds because the requested funds will support new multidisciplinary collaborative research and development activities to improve healthcare for the elderly.

*The Texas Biointerface Engineering, Science and Technology Research Center*

**University of Texas at Arlington**

701 S. Nedderman Drive

346 Davis Hall

Arlington, TX 76019-0001

This Recipient is a NOT for-profit entity.

**\$2.5M**

The purpose of this project is to establish a world class research center where the primary objective is to create and manipulate biointerfaces that will lead to the development of novel and innovative diagnostics, biosensors, and therapeutics. This is a valuable use of taxpayer funds because outcomes will lead to technologies that dramatically improve prevention, diagnosis, and treatment of disease and injury.