

## **Mobile Government Grant Series**

### **ESRI and Trimble Announce Call for Demonstration Projects for Government Mobility: Homeland Security Edition**

**Ten Federal, State or Local Governments to Receive Software, Hardware, and Training to Develop Mobile Public Domain Applications Related to Homeland Security Disciplines**

#### **Introduction**

ESRI, the world leader in GIS software, along with Trimble, the world leader in global positioning systems (GPS), has announced its Mobile Government Grant Series. The program consists of two separate programs offering hardware, software, and training totaling \$170,000. The first of the two programs is the ESRI and Trimble Government Mobility Demonstration Program: Planning Edition will be open to all planning disciplines. The second program is the ESRI and Trimble Government Mobility Demonstration Program: Homeland Security Edition is open to all disciplines engaged in Homeland Security efforts.

#### **ESRI and Trimble Government Mobility Demonstration Program: Homeland Security Edition**

ESRI, the world leader in GIS software, along with Trimble, the world leader in global positioning systems (GPS), has announced its call for demonstration projects for government mobility serving all disciplines involved in Homeland Security activities.

The goal of this program is to foster innovative approaches to solving government problems through the combined use of GIS and GPS technology. Projects must demonstrate increased efficiencies in collecting data for decision support or increased productivity in delivering government services. The ESRI and Trimble software, hardware, and training grants totaling \$85,000 will be awarded to 10 federal, state, regional, or local governments within the United States.

#### **Program Description**

The ESRI and Trimble Government Mobility Demonstration Program: Homeland Security Edition has been established with two goals in mind. The first objective is to establish a

vehicle to provide assistance to federal, state, or local government agencies in creating 10 models that demonstrate concepts related to the development and implementation of innovative GIS and GPS applications aimed at improving government processes. The second objective is to provide reusable applications that can be shared between governments with similar projects via a public domain Web site.

The program is designed to help define mobile government as it applies to ***all homeland security disciplines***. Examples of eligible categories include emergency management, law enforcement, health and human services, public hospitals, agriculture, transportation, public works, public utilities, water utilities, building and safety, and homeland security offices. Applications of GIS and GPS that aid in the collection of data to improve internal knowledge databases and that improve the field work in surveillance and detection, planning, mitigation, preparedness, and response will be considered. The GIS/GPS projects should focus on the collection of stationary and/or moving data elements, as well as, perimeter identification and tracking for the advancement of mobile government.

### **Definition of Mobile Government**

Mobile government is the use of technologies to enable documentation, processing, and management of government issues in the field. For example, building and safety staff could develop an application to inventory building conditions in the field and have the information compiled centrally in the office. Emergency management and law enforcement staff may require a method of reporting evacuation progress.

Additional examples of projects could draw from, but are not limited to, areas such as facility inspections and reporting, mapping, asset management, utility inspection and inventory, health assessment and monitoring, resource planning and management, public information inquiries, routing employees efficiently, and vehicle tracking. While innovative ideas are embraced, ESRI and Trimble will prefer applications that enhance daily work efforts as a means of supporting the primary objectives of the program. All application must be directly related to a jurisdiction's homeland security effort.

The demonstration grant program consists of an \$8,500 GIS and GPS investment in projects that provide insight through project conceptualization, program implementation, and documentation of progress and benefits. ESRI and Trimble will provide hardware, software, and training to a total of 10 unique government agencies meeting the requirements of an eligible government organization.

Each agency considered must thoroughly communicate an understanding of the two technologies and what it will take to implement them. Eligible applicants must have some basic capacity for GIS in their organization. The program is not designed to initiate a GIS program but rather to enhance an existing program. Likewise, each agency must agree to make the development of the application a priority as a means of developing timely and meaningful educational materials for the benefit of other government agencies.

### **What Is Supplied?**

Each program recipient will receive the following:

1. One Trimble GeoXT (512MB) for Mobile GPS Device
2. One Trimble External Antenna for GeoXT Mobile GPS Device
3. One Trimble Extended Receiver/Field Software Enhancement
4. One Trimble GPS Correct Software Kit
5. 12-Month Subscription to Pathfinder Express
6. 12-Month Trimble Priority Support
7. One ESRI ArcPad Application Builder 6.x License That Provides
  - o ArcPad 6.x for Mobile GIS
  - o ArcPad Studio for Developing Custom Applications
8. One ESRI ArcPad StreetMap 6.x License
9. One Working with ArcPad Workshop Via ESRI's Virtual Campus
10. One Customizing ArcPad Course Via ESRI's Virtual Campus
11. A Copy of the ESRI Press Publication Titled *Integrating GIS and Global Positioning Systems*

To learn more about these ESRI software offerings we would encourage you to visit the ESRI ArcPad web site at <http://www.esri.com/software/arcgis/arcpad/index.html>. The Trimble web site can be viewed at [www.trimble.com](http://www.trimble.com) and offers wealth information.

### **Eligibility and Qualifications**

The program is open to all forms of state and local governments in the United States, as well as all departments within a government organization. Examples of agencies that are eligible for the ESRI and Trimble GIS/GPS demonstration program include

- o State Government Agencies
- o Regional Governments

- Special Districts
- County Governments
- City Governments
- Townships

The government entity must identify at least one staff member who will be responsible for using the hardware and software. Likewise, the GIS and GPS technologies granted must remain in the possession of the recipient site. An outside consultant can work with this staff member, but the government may not forward the licenses or hardware to that consultant.

The government entity must have an adequate system in place to be able to forward the application code for posting on the [public domain](#) Web site.

Departments that have won a primary grant through ESRI within the past year will not be eligible for this grant.

Priority is given to organizations that do one or more of the following:

- Projects that tie GIS and GPS to daily work flow
- Projects that communicate innovative government through the use of GIS and GPS
- Organizations demonstrating collaborative efforts with multiple departments within a single agency
- Projects that demonstrate or encourage the sharing of geographically enabled GIS/GPS data with multiple jurisdictions and with interagency or interdepartmental projects

## **Provisions**

To meet the goals of the Government Mobility Demonstration Program, applicants must confirm the availability of framework databases. This program is not designed as a means of initiating a GIS program. These framework data sets must include combinations of the following:

1. Parcel/Cadastral base
2. Street right-of-way base or street centerline base
3. Digital version of the demonstration project's geographic boundaries

## **Additional Requirements**

- Program recipients must agree to become a reference site for ESRI and Trimble.
- Program recipients must agree to have their organization's name used in ESRI and Trimble press releases and educational marketing campaigns.
- Program recipients must agree to document and provide the mobile application code to ESRI for posting on the Mobile Government Public Domain Web site no later than April 29, 2005.

### **Performance Reporting**

Projects selected must agree to provide ESRI and Trimble with a 2,000-word article as to the recipient's method of integrating GIS and GPS into their daily work efforts. This article must be provided digitally to ESRI within six months of the grant award. Articles should be accompanied by screen captures of ESRI software in one of the following formats—.tif or .bmp. Photographs of government employees using GIS and GPS should be forwarded in the same format.

### **Additional Information**

The demonstration program is limited to one hardware, software, and training grant per eligible government organization. Applicants do not need to currently use ESRI software or Trimble hardware. In addition, existing customers of ESRI and/or Trimble will receive equal consideration in awarding of the grants.

- Applications will be accepted beginning July 1, 2004.
- The official deadline for all submissions is 5:00 p.m., Pacific Time, September 17, 2004.
- Awards will be announced October 8, 2004.
- Applications must be documented and submitted to the public domain Web site no later than April 29, 2005.
- Submission of articles related to the implementation of mobile government applications is due no later than April 29, 2005.
- ESRI and Trimble Web sites will be used as official notification media on the date designated as the award announcement date. Formal letters notifying the sites selected will follow.
- All recipients must agree to have their organization's name used in ESRI and Trimble press releases and marketing efforts.
- Program recipients must agree to become a reference site of both ESRI and Trimble.

- Maintenance of ESRI software and Trimble equipment become the responsibility of the program recipient.

No product or training substitutions in the grant offerings will be extended. The program is offered with the understanding that the complete hardware, software, and training suite will be used in its entirety for the purpose of developing a mobile government application for future distribution via a public domain Web site.

The public domain Web site includes a standard public domain disclaimer that expressly states the script is being placed in the public domain or is "freeware," so that the script may be freely used and redistributed. It is provided "as is" without warranty of any kind, and there is no technical support provided. To view a full version of the disclaimer, visit the [ArcScripts Web site](#).

### **Procedure for Applying**

**Applications must be received no later than 5:00 p.m., Pacific Time, September 17, 2004.** There is no formal application. We request that each applicant provide two copies of the proposed mobile government demonstration project in a double-spaced typewritten proposal addressing each of the following items in the format requested below.

- A. Letter of support signed by agency head (one page maximum)
- B. Organizational profile with the following details (one page maximum, double-spaced)
  - Organization name
  - Organization agency or department responsibilities (25 words or less)
  - Organization mailing address
  - Organization physical site address including street name and number
  - Estimated population within demonstration project or jurisdiction
  - Estimated number of employees in organization
  - Primary organization contact
  - Primary contact phone, fax, and e-mail (e-mail required for Virtual Campus and initial notification)
  - Secondary organization contact
  - Secondary contact phone, fax, and e-mail (e-mail required for Virtual Campus)
- C. Information on the proposed GIS/GPS demonstration project (three pages maximum, double-spaced):

- Proposed program name
- Proposed program description
- Proposed program goals and objectives
- Proposed units of measure for determining success of project (e.g., time savings, cost savings, productivity increases)

(D—H; three pages maximum, double-spaced)

- D. Description of the use of GIS/CAD software currently used by your organization
- E. Description of the use of GPS hardware currently used by your organization
- F. Description of plans to distribute GIS/GPS data and applications throughout your organization
- G. Description of anticipated additional uses of GIS/GPS software and hardware provided after initial project has been completed
- H. Description of perceived benefits or return on investment

Optional: You can also include any appendices such as photos, screen shots, graphs, etc. that illustrate your proposal. These do not count as part of the page limit requirements.

### **Submitting Your Application**

**Two copies of the submission must be received no later than 5:00 p.m., Pacific Time, September 17, 2004. Mail applications to:**

**Christopher Thomas, State and Local Government Solutions**

**ESRI**

**380 New York Street**

**Redlands, CA 92373-8100**

### **Review Process**

An internal team of ESRI industry solutions managers and Trimble solutions managers will review all applications to determine the finalists.