

**Online Fire and Life Safety Plan Review System Phase II - Mobile Solutions**      **FY2010 Request: \$240,500**  
**Reference No: 39941**

**AP/AL:** Appropriation      **Project Type:** Information Technology / Systems / Communication

**Category:** Public Protection      **Contact:** Dan Spencer, Director, Administrative Services  
**Location:** Statewide

**House District:** Statewide (HD 1-40)      **Contact Phone:** (907)465-5488  
**Estimated Project Dates:** 07/01/2009 - 06/30/2010

**Brief Summary and Statement of Need:**

This capital request provides funding for phase II of the online fire and life safety plan review and inspection data system to add a "Mobile Solutions" module. This will allow construction and fire inspectors to work remotely with real time data and integrate the data with the state geographic information system via a global positioning system (GPS). This project will assist in meeting the division's mission to prevent the loss of life and property due to fire and explosion.

<b>Funding:</b>	<b>FY2010</b>	<b>FY2011</b>	<b>FY2012</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>Total</b>
Gen Fund	\$240,500						\$240,500
<b>Total:</b>	<b>\$240,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$240,500</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input checked="" type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	5,500	0
One-Time Startup:	0	
<b>Totals:</b>	<b>5,500</b>	<b>0</b>

**Additional Information / Prior Funding History:**

Chapter 82, SLA 2006, P 81, L 26, \$530,000 GF

**Project Description/Justification:**

Information Technology Capital Project Review Form FY2010

1. Has this project been previously approved? YES

2. What is the purpose of the project?

This project will fund the last phase to complete the division's building database project, Online Plan Review System. The system was funded for phase I and implemented in FY2007. The software is currently in operation and providing database access to the public and to Fire and Life Safety (FLS) bureau employees.

Phase II will add field devices and allow for transmission of inspection data into the database software from remote locations. This will allow a field inspector to immediately print an inspection report for the building owner. Additionally, it will provide access to the database information, using a field laptop and web portal. Field inspectors will be able to transfer inspection files to the laptop to carry to the field when web access is not available, and be able to download field information to the master database.

Funding would also purchase a dual function wide-format scanner with a separate network server to support digital data for construction plans, pictures, drawings, and documents. Plan reviewers will be able to store formatted drawings electronically, and print in full color when needed.

3. Is this a new systems development project?  
Upgrade or enhancement to existing department capabilities?

This project will add significant capabilities to the existing system.

4. Specifically, what hardware, software, consulting services, or other items will be purchased with this expenditure?

This request is to fund the

- a) Mobile Solutions fire and building inspection software and implementation \$79,000
- b) Mobile Solutions hardware \$46,500
- c) GIS component \$50,000
- d) A dual function wide-format scanner \$35,000
- e) Network computer server for storage of digital data \$30,000

5. How will service to the public measurably improve if this project is funded?

The handheld devices would allow the inspectors to transmit data into the software from a remote location and immediately print off a report for the building owner. Currently, the inspectors must hand write their report or return to their office to file their inspection reports and mail a final report to the building owner. This process can take up to two weeks.

It will improve efficiency of inspectors by having access to all relevant information from field locations. Inspectors would have full building records on a laptop for all sites to be inspected on one trip. Orders to Correct paperwork and historical information can be provided to building owners at the time of the inspection.

6. Does project affect the way in which other public agencies will conduct their business?

Yes, FLS provides plan review and building inspection services to the Department of Health and Social Services for licenses regarding daycare, long term care, and hospitals, Alcoholic Beverage Control Board licenses for the sale and consumption of alcohol, and the Department of Transportation and Public Facilities airport leasing fire and life safety building reviews. The program will allow speedier response to requests, provide a standardized electronic format for documents, and provide customer access to the information through the Dynamic Portal as soon

as data is uploaded.

7. What are the potential out-year cost implications if this project is approved? (Bandwidth requirements, etc.)

Ongoing yearly maintenance costs are estimated at \$20,000 per year and will be funded with the existing operating budget.

8. What will happen if the project is not approved?

This project assists the division in conducting life safety inspections on structures around the state, and to meet their mission of preventing loss of life and property due to fires. If the project is not funded, the division will continue to work with paper reports. Inspection reports will be handwritten and provided to building owners after the inspector returns to his office. Each individual report will be manually entered into the data base to maintain the accuracy of the data base. This would be a gross inefficiency in time spent and unrealized capability of the database.