

AP/AL: Appropriation

Project Type: Information Systems

Category: Public Protection

Location: Statewide

Contact: Dan Spencer, Director, DAS

House District: Statewide (HD 1-40)

Contact Phone: (907)465-5488

Estimated Project Dates: 07/01/2006 - 06/30/2009

Brief Summary and Statement of Need:

One of the core services of the Division of Fire Prevention is to review building plans to ensure adherence to fire and safety codes in a timely manner. This proposed online system will automate the existing manual system, helping the division achieve the result of reducing the loss of property from fire, and contributing to the division's mission to prevent the loss of life and property due to fire and explosion.

| Funding: | <u>FY2007</u> | <u>FY2008</u> | <u>FY2009</u> | <u>FY2010</u> | <u>FY2011</u> | <u>FY2012</u> | <u>Total</u> |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Gen Fund | \$530,000 | | | | | | \$530,000 |
| Total: | \$530,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$530,000 |

| | | | | |
|---|--|---|---|-----------------------------------|
| <input type="checkbox"/> State Match Required | <input checked="" type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input checked="" 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 | |
| Totals: | 5,500 | 0 |

Additional Information / Prior Funding History:

This is a new request.

Project Description/Justification:

One of the core services of the Department of Public Safety's Division of Fire Prevention is to review building plans to ensure adherence to fire and safety codes. This proposed online system will automate the existing manual system. It will include the capability for:

- Online submission of building plans.
- Electronic storage and retrieval of commercial building plans for homeland security issues.
- Incorporation of building life safety inspections into the system, including handheld field devices for inspectors.
- Establish a location for housing existing legacy data.
- Integration of data between disparate systems electronically where required.
- Reduce inspection turn-around time for the public.
- Improve efficiency of inspectors by providing all relevant information to the field.
- Improve communications between the Fire Marshal's office and clients.

This project will automate an existing manual system that uses three different databases (two Microsoft Access databases and one SQL database) to track the paper flow of plan reviews and inspection data. The new system being considered will allow for a web interface and allow the public to electronically submit building plans for review, among many other added features. One major goal of this project is to consolidate all data into one system based on SQL. This funding would also allow for the additional feature of including life safety inspections into the program.

Online Fire and Life Safety Plan Review System**FY2007 Request: \$530,000****Reference No: AMD 39941**

The Municipality of Anchorage is implementing a similar system. Price estimates are based upon a rough price quote from the vendor doing the work.

Cost Information

| | |
|---|----------|
| Hardware (provided by DPS)- | |
| 1 server | \$ 4.0 |
| 3 large format scanner/printers (Juneau, Anchorage, Fairbanks) | \$ 60.0 |
| 6 large format monitors (2 for each location) | \$ 24.0 |
| Vendor Software - Hub server, Client, Manager, Inspector, Team server, Implementation | \$342.0 |
| Data Migration, Training | \$ 100.0 |
| Total Cost: | \$530.0 |

Any RFP issued will require the use of standard technologies and existing Department of Public Safety platforms and databases where possible. It is envisioned for this to be an off-the-shelf, turnkey solution. This request would also fund migration of existing data into the new program.

Technology used to implement the project will include:

- Web Browser
- Fat client
- XML based data exchange tools
- Intel Server
- Relational Database Management system (SQL)

Annual maintenance costs are expected to be in the range of \$5.5.

The Department of Public Safety does not currently have the support staff to fully implement this project, so where possible, work will be done by contractors. Once completed, there should be savings in terms of department programming/network support staff time, since the current database system is not efficient, nor fully supported by new State of Alaska standards.

Impact of Not Receiving this Request

The project will not go forward and the Division of Fire Prevention would stay with the current system. To improve customer service, it is expected that additional plan review staff would be required.