Orthoimagery Portal Spending Requests

Prepared by Tim Young, DFW, (360) 902-2350, tim.young@dfw.wa.gov
Don Saul, DFW, (360) 902-2491, don.saul@dfw.wa.gov

Presenters
Joy Paulus, Department of Information Services (DIS)
Tim Young, DFW
Don Saul, DFW

Purpose of Appearance
Request authorization to release or shift funds for the Orthoimagery Portal:

- increase disk storage by migrating to attach storage array;
- provide mirroring of data for quick recovery and off-site storage of backups;
- migration of web application to an agency supportable application platform; and
- temporary project management support for Phase II of the Orthoimagery Project.

Status
With the completion of the Orthoimage Portal Project in July 2008, the project team has been working on phased production testing, identifying implementation next steps, and enhancements to the Portal for the current and future biennium. At the December 3, 2008 Geographic Information Technology (GIT) meeting the Portal Operations Steering Committee proposed the following enhancements:

- Orthoimage Portal storage device;
- Load state and Department of Transportation project data;
- Test/development environment;
- Upgrade Orthoimagery Portal to software version 9.3;
- Expand storage capacity; and
- Expand user capacity.

At that meeting the Committee agreed to the expansion of the SAN disk capacity by one terabyte (TB) and the migration of the existing Portal to the software version 9.3. All other proposed additions were deferred.

The Portal Operations Steering Committee will work with DIS and Environmental Systems Research Institute (ESRI) to ensure the proper implementation of the approved items and will report its progress to the Committee on September 11, 2009.

Background
The Orthoimage Portal project was accepted as complete at the July 11, 2008 GIT Committee meeting. It provides an enterprise approach to managing large geographic datasets like the 2006 Washington State National Agriculture Imagery Program (WA NAIP) data.

The Portal was recently upgraded to ArcGIS Server version 9.3 which has created new opportunities to utilize high-speed image caching which require significant mass storage.

Issues/Actions
None.

Staff Recommendations to the Committee
Staff recommends the Committee approve the acquisitions as described in Attachment A.

Previous Appearances Before the Committee
July 11, 2008: Status report on the Orthoimage Portal budget and projected operation and maintenance costs.

Attachment A
Orthoimagery Portal Funding Requests and Justification

Attachment B
FY09-11 Operations and Maintenance
Outline of Disk Storage Options and Costs

Attachment C
Orthoimagery Portal Cost Center Budget Tracking Report