

BUSINESS DRIVER

Orthoimagery serves as a seamless base map layer which is critical in our ability to derive other information. The detail and richness of the information captured on a registered image supports many business uses and users at the state, tribal and local governmental levels.

The request for a statewide imagery service acquisition was made by the state E9-1-1 and the WA Association of County & City Officials (WACO). Outreach to the state user base started seriously in May 2016.

The OCIO's Geospatial Program Office (and its predecessor's) have coordinated these acquisitions since 2006. These help all governmental entities to save money by leveraging their buying power. It also gets all users in government access to this valuable information either via the [Geospatial Portal](#) or the successful vendor's website.

*Comparison between 1 foot and 3 foot imagery resolution
Dry Falls Junction, WA*



OVERVIEW AND POTENTIAL BENEFITS

This provides all governmental entities and named contributors with access to imagery at a fraction of the cost. If contracted by the state, this level of data accuracy would cost the state upwards of 1.3 million to acquire. By using existing data already captured, we're able to significantly lower our cost of entry and save money across the state.

The benefits include

- * High quality, consistent product that's useful across all levels of government
- * Maximizes limited resources (funding, time, staff, infrastructure)
- * Minimizes duplication of effort (planning, coordination and data processing, distribution and storage)
- * Leverages the state's Geospatial Portal for distribution of data to its users

MARKET ANALYSIS

An RFI was released on June 2, 2016 (A16-FRI-171) and responses were received from two vendors (Sanborn and Valtus).

The funding goal of \$235,000 has been reached and the RFQ technical requirements are drafted and ready to be forwarded to Legal.

WATECH EFFORT TO DEPLOY AND SUPPORT:

WaTech's involvement is primarily focused on contracting, invoicing contributors and functioning as the purchasing *Point of Contact* for the *Statewide Imagery Data Consortium*. The cost center to receive the pass-through funding is Geo Initiatives CC 1230.

All other detailed items are outlined below.

- **ESTIMATED TIME TO IMPLEMENT:** 1ST QUARTER 2017
- **DEPLOYMENT:** IT WILL BE DEPLOYED ON THE EXISTING GEOSPATIAL PORTAL INFRASTRUCTURE AND SERVICE BASE. ALL 1 FOOT IMAGERY DATA WILL BE PROCESSED AND SERVICE CREATED BY DNR WITH ASSISTANCE OF DFW.
- **SUPPORT AND MAINTENANCE:** YEARLY SERVICE RENEWS (NOTICES & INVOICES) AND 1 FOOT STATEWIDE IMAGERY DATA REFRESHES ARE THE ONLY REOCCURRING SUPPORT
- **SERVICE DESK IMPACTS:** MINIMAL – GEOSPATIAL PORTAL SUPPORT IS PROVIDED BY THE INDIVIDUAL AGENCY AND COUNTY GIS USER COMMUNITY AND/OR THEIR IT OR BUSINESS SUPPORT STAFF.

OCIO'S GEOSPATIAL PROGRAM OFFICE SUPPORT RESPONSIBILITIES:

CLIENT INSTALLATION AND TROUBLESHOOTING: NOT APPLICABLE –THE PORTAL STEERING COMMITTEE AND OUR GEOSPATIAL PORTAL HOSTING PROVIDERS WILL SUPPORT THE PUBLISHING AND NAMED USER VENDOR ACCOUNTS.

USER TRAINING: NOT APPLICABLE – USER DOCUMENTATION WILL BE POSTED TO THE GEOGRAPHY.WA.GOV WEBSITE WITH ALL THE OTHER GIS RELATED INFORMATION. IT IS THE RESPONSIBILITY OF THE AGENCIES AND COUNTIES TO PROVIDE THEIR END USER SUPPORT.

ESTIMATED COST:

FINANCIAL ANALYSIS:

\$235,000 per year for 3 years is required to fund this imagery data service acquisition. All funds will come from state, local and tribal entities. Each year the data service contract will be renewed and at the end of the 3rd year all statewide 1 foot imagery will be owned by the state.

This service is being set up as a consortium and the access fees are broken down as follows:

State Agency multi-users \$10,000/Yr.		Single State Agency named user \$3,000/Yr.
County/City multi-users \$6,000/Yr.		County/City single named user \$2,000/Yr.

See the *Statewide Imagery Data Service Level Agreement* for further details.

There is a cost savings to state agencies because of the partnering and sharing with local and tribal entities.

The imagery data services was requested by the E9-1-1 community and the WA County & City Officials (WACCO) Association.

Presently there are 20 funding contributors with the potential of adding upwards of 20 more in the future.

SYSTEM COST:

The data will be hosted on the Geospatial Portal which is funded in Central Services. Additional disk space will be added to the state GeoPortal production side to host the 1 foot statewide imagery. This cost is presently funded for the first 24 - 36 months.

SUPPORT COSTS:

Data support of the 1 foot imagery is provided by Portal Steering Committee staff and hosting is provided on Geospatial Portal at no additional cost. Annual invoices and the imagery data service contract renewals are the only ongoing purchasing support costs to WaTech.

TOTAL COST ESTIMATE: \$235,000 per year for 3 years.

IMPACTS:

- This consortium imagery endeavor impacts Legal Services and Budget Offices primarily. They will see most of the burden for standing up this consortiums yearly imagery data services contract, the renew contracts and the billing/invoicing of 20 customers.
- The imagery contract yearly service renews will not happen unless funding agreement are procured 2 months before the service renews are due.