



Funding School Inventory and Condition Assessment Data Collection

2027-29 Biennial Capital Budget Decision Package

Agency: 3500 Office of Superintendent of Public Instruction

Budget period: 2027-29 Biennial Budget

Budget level: PL

PROJECT SUMMARY

Superintendent Reykdal requests \$2.13 million to collect school inventory and condition data of school district and state tribal education compact schools that have not been updated or reported this data in the Information and Condition of Schools (ICOS) database and fund a new pilot program to collaborate with school districts to create electronic floor plans and collect digital facility data. The new pilot program will start the creation of a digital foundation for future data collection efforts and enhance facility management and operational programs and data reporting.

PROJECT DESCRIPTION

OSPI), and legislature to make funding decisions to address facility needs to provide a healthy and safe learning environment for students. To ensure policy makers have up to date data to make funding decisions, OSPI requests funding to hire building professional consultants to perform building inventory and condition assessments of school districts and state tribal education compact schools (STECs) that have missing or outdated building information in OSPI's ICOS database.

School inventory and condition data is used by OSPI to administer the School Construction Assistance Grants for Small School Districts and State-Tribal Education Compact Schools grant program and other K-12 capital grant programs. This data is used by OSPI and its advisory committee to prioritize grant applications and assist in prioritizing project funding which will achieve the greatest improvement to student health, safety, and academic performance.

This proposal would provide funding to OSPI to contract with building professional consultants to perform needed building inventory and condition assessments and start the start the foundation for a standardized digital foundation to collect electronic data.

The new pilot program's planned deliverables for this first phase of the pilot program are to collaborate with school districts and state tribal education compact schools to collect building

condition and assessment data using electronic methods. Below is an outline of the potential scope of the Phase 1 deliverables:

Data Collection and Digital Floor Plans & GIS Data

Data collection using standardize drone mapping, orthomosaic and aerial and oblique imagery, 360-degree imagery of facility sites and building interiors and exteriors, including LiDAR/reality capturing and developing Gaussian Splatting to create 3D rendering of the building and site.

Digital floor plans and GIS site data will be validated against drawings and establish standardized campus, building, floor, and room geometry using ArcGIS.

ArcGIS Facility Foundation

Establish a consistent district, site, and building data structure; facility maps and viewers; standardized metadata; basic dashboards; reality-capture connections; and links to available facility information and documentation.

Condition & ICOS Integration

Demonstrate how existing ICOS information and professional facility-condition findings can be spatially associated with buildings, systems, locations, photographs, deficiencies, condition ratings, and recommended improvements.

GeoAI Evaluation

Evaluate preliminary AI-assisted screening for observable building and site conditions such as pavement cracking, roof anomalies, exterior deterioration, drainage issues, and change detection, while retaining professional verification of condition determinations.

Statewide Standards

Develop a proposed a K-12 digital facility data standard addressing GIS, CAD/BIM, LiDAR, reality capture, metadata, facility identifiers, condition observations, and future capital-project digital turnover.

What will the request produce or construct? Who or what will be impacted by the budget request and how will they be impacted?

The proposal will continue to support the state's effort to collect school building inventory and condition data to make funding decisions to provide a healthy and safe learning environment for students. This data collection will ensure policy makers have up to date data to make these funding decisions. In addition, the new pilot program will assist OSPI to continue to support districts as electronic facility data and imagery is integrated into construction and facility maintenance and operations industry standards.

Identify the problem or opportunity addressed by this request. Why is the request a priority? What would be the result of not acting?

The construction and facility operations management industries are currently using this innovative technology to electronically map buildings and building systems. This technology allows for efficiencies during construction and the operations and maintenance of the building when it becomes occupied.

This new pilot program will assist OSPI to continue to support districts as electronic facility data and imagery are integrated into construction and facility maintenance and operations standards. Delaying the implementation of integrating this technology into school facility inventory and management activities will not allow OSPI and school districts to utilize this data for more efficient operations and long-term facility planning.

For new funding requests for programs or projects that have received previous appropriations (either a phase of construction or previous grant rounds), how much has been spent or put under contract?

N/A

Does this project or program leverage non-state funding? If yes, how much by source?

No, this activity and pilot program will not leverage local school district funding.

For major construction projects, describe the viable alternative solutions you considered. Why was this alternative chosen?

N/A

For major construction projects, what project delivery method has been or will be selected and why?

N/A

Location

- Address - 600 Washington ST SE
- Zip Code - 98504
- County - Thurston
- City - Olympia
- Legislative District - 22

Grant recipient organization

Local school districts.

RCW that establishes grant

28A.525

Application process used

N/A

Describe the Growth Management Impacts

N/A

Funding Requested

- 2027-29 \$2,130,000
- 2029-31 \$0
- 2031-33 \$0
- 2033-35 \$0
- 2035-37 \$0

STRATEGIC AND PERFORMANCE OUTCOMES

Provide context on how this request fits into the agency's work. Describe how this project supports the agency's strategic plan or would improve agency performance.

This project supports Superintendent Reykdal's K-12 Education Vision of his goal for Washington's public education system to prepare every student who walks through our school doors for post-secondary aspirations, careers, and life.

How is your proposal impacting equity in the state? Which communities are impacted by this proposal? What are the measurable outcomes that would result from the project?

School inventory and condition data is currently used by OSPI to administer the School Construction Assistance Grants for Small School Districts and State-Tribal Education Compact Schools grant program and other K-12 capital grant programs. This data allows OSPI and its advisory committee to prioritize grant applications and assist in prioritizing project funding which will achieve the greatest improvement to student health, safety, and academic performance. In addition, construction and facility maintenance and operations industry standards are integrating the use of electronic floor plans, imagery, and AI to build and manage facilities and the proposed pilot program will allow OSPI to assist schools on how to use these tools for cost savings and efficiencies.

OTHER SUPPORTING MATERIALS

If this project is linked to the Puget Sound Action Agenda and/or the Governor's Salmon Strategy, please follow the instructions in Chapter 14 of the operating budget instructions and Chapter 3 of the capital budget instructions.

This project does not impact the Puget Sound Action Agenda or the Governor's Salmon Strategy.

Is there additional information you would like decision makers to know when evaluating this request?

Funding the proposed pilot program will allow OSPI to assist schools to efficiently manage their facilities as costs have increased and the maintenance and trades workforce at school districts are difficult to hire and retain.