



P.O. Box 13231, 1700 N. Congress Ave.
Austin, TX 78711-3231, www.twdb.texas.gov
Phone (512) 463-7847, Fax (512) 475-2053

AGENDA ITEM MEMO

BOARD MEETING DATE: June 25, 2026

TO: Board Members

THROUGH: Bryan McMath, Executive Administrator
Ashley Harden, General Counsel
Georgia Sanchez, Chief Financial Officer

FROM: Richard A. Wade, Deputy Executive Administrator, Texas Geographic Information Office

SUBJECT: Texas Imagery Service Continuation and Acquisition of a New Statewide Orthoimagery Dataset

ACTION REQUESTED

Consider authorizing the Executive Administrator to execute two contracts in a total Texas Water Development Board contributed amount not to exceed \$5,000,000 to continue the Texas Imagery Service availability and acquire a new statewide orthoimagery dataset to be added to the Texas Imagery Service, using the Texas Strategic Mapping Program and their associated Geographic Information Systems vendor cooperative contracts at the Texas Department of Information Resources.

BACKGROUND

The Texas Water Development Board (TWDB) Texas Geographic Information Office (TxGIO) is pursuing a statewide 6-inch orthoimagery acquisition for Texas and a one-year contract to continue the Texas Imagery Service and its existing imagery repositories for participating state agencies.

Orthoimagery is aerial imagery captured from an aerial platform that has been geometrically corrected to produce a uniform-scale and map-accurate image of the Earth's surface to align with other geographic datasets in a Geographic Information System (GIS), such as water bodies, roads, city boundaries, and land parcels. The orthoimagery pixel resolution indicates the level of detail a user can see in the imagery; 6-inch orthoimagery are considered high resolution. Imagery as a service means the GIS user streams the orthoimagery into GIS software as opposed to downloading the data on a tile-by-tile basis.

High resolution orthoimagery is a vital dataset relied on by numerous Texas government entities to successfully complete many of their core functions. Benefits and uses for new

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statewide high resolution orthoimagery as a service include 9-1-1 emergency response, natural disaster damage analysis, flood risk/analysis, visual water resource analysis, transportation construction projects, asset management, site planning, digitization of roadways, wildlife habitat monitoring, air quality management and analysis, and more. The final orthoimagery data tiles from this project will become publicly available and free to download through the TxGIO DataHub.

TxGIO will procure the new orthoimagery and Texas Imagery Service managed services through the Texas Strategic Mapping Program and its associated GIS vendor cooperative contracts at the Texas Department of Information Resources (DIR). TxGIO submitted two draft Statements of Work (SOW) to DIR for review and approval to utilize the contracts from the pool of vendors available to deliver orthoimagery and associated managed services for the existing Texas Imagery Service.

After DIR review and approval, TxGIO/TWDB solicited and evaluated proposals for each SOW. For SOW 1, the Bowman Consulting Group is recommended for selection to provide a new statewide orthoimagery dataset for ingestion into the Texas Imagery Service at a final cost of \$3,874,500. For SOW 2, the Sanborn Map Company is recommended for selection to provide managed services including aerial imagery data storage and hosting for the Texas Imagery Service at a final cost of \$499,716.

KEY ISSUES

TxGIO has led new orthoimagery acquisition projects since the mid-1990s. Starting in 2018, TxGIO and DIR partnered to administer the Texas Imagery Service through DIR's Shared Technology Services (STS) to provide new 6-inch orthoimagery as a service to participating Texas government agencies. The current Texas Imagery Service contract, held by DIR, will expire on August 31, 2026. Due to the removal of the Texas Imagery Service from DIR's Software as a Service offering through the STS starting September 1, 2026, TWDB will execute two new contracts to continue the Texas Imagery Service availability to participating state government agencies and create a new publicly available 6-inch statewide orthoimagery dataset for Texas and ingestion into the Texas Imagery Service.

TxGIO is currently negotiating cost share partnerships for this project with the Texas Commission of Environmental Quality, the Texas Department of Transportation, the Commission on State Emergency Communications, and the Texas General Land Office.

RECOMMENDATION

The Executive Administrator recommends approval to execute two contracts with a TWDB contribution not to exceed \$5,000,000 for the acquisition of statewide 6-inch orthoimagery and a one-year contract for continuation of the Texas Imagery Service, using the Texas Strategic Mapping Program and its associated Geographic Information Systems vendor cooperative contracts at the Texas Department of Information Resources.