

Ecological Resources/GIS Services 2027

Scope of Services

In response to the increasing volume and complexity of work, as well as ongoing regulatory challenges, the Office of Environmental Services (OES) is seeking to enhance its Ecological Assessment and Coordination Section. This enhancement involves the addition of qualified consultants who will support the staff by performing environmental regulatory document preparation, offering specialized expertise, and facilitating document review and coordination throughout the project development process. Furthermore, OES requires consultants with advanced GIS skills to deliver a broad range of geospatial database management services and develop GIS data, models, and tools to meet project needs.

The selected consultant will provide expertly trained Full-Time Equivalent (FTE) staff. Work may be performed in the field, remote office (virtual), and office environments depending on the needs of the work being performed. The scope under the subject contract shall involve, but not limited to, the following services:

Ecological Resources Tasks:

- Complete Ecological Literature Search, including mapping
- Prepare and review all levels of Ecological Survey Reports
- Complete Biological Assessments
- Complete, prepare and review Endangered Species Surveys and Reporting
- Complete field data collection and mapping, including specialized surveys.
- Develop and maintain training materials including guidance and presentations
- Assist with development, improvement, and delivery of training
- Assist with manual and technical guidance development and revision

GIS Services:

- Provide GIS expertise to manage, organize, update, and integrate all the various external and ODOT-owned internal geospatial data sources utilized in OES

- Provide QA/QC and review for completeness of GIS data quality
- Manage development and deployment of innovative GIS models
- Coordinate with OES, Data Governance, and District staff to solicit and resolve improvements and issues on GIS data received from customers and develop project-specific GIS products
- Participate in ODOT research projects and process improvement efforts to advise on the use of GIS and its integration into these processes
- Seek out and implement new database development and GIS tools as well as GIS-centric process improvements
- Organize meetings with OES and District environmental staff to introduce and train new GIS features, geospatial databases, functions and tools

The nature of the workload will vary, and it is anticipated that at any one time one or all the required skill sets will be tasked to perform within OES. The consultant shall adhere to the most current versions of ODOT Reference Materials and all other applicable guidelines and Federal and State Regulations and Laws.