

**Request For Project/ Invitation To Tender
Shallow Wetland Incentive Program Mapping Project
Assiniboine West Watershed District (AWWD)**

Issue Date: May 2026

Submission Deadline: August 1, 2026 – 8:30 AM

Submission Method: Electronic

1. Executive Summary

The Assiniboine West Watershed District (AWWD) is requesting proposals from qualified GIS professionals to complete a comprehensive inventory and mapping of Class 1 and Class 2 wetlands. This project supports the GROWs Shallow Wetland Incentive Program (SWIP) and aims to improve planning, communication, and reporting across a 17,000 sq km region.

2. Organization Background

AWWD provides land and water management services to support watershed health across the district. AWWD works with landowners, 21 local government members, and other stakeholders to implement sustainable water management practices.

3. Scope of Work

The contractor shall design and execute a methodology to identify, delineate, and classify wetlands using available desktop data sources such as GIS tools, LiDAR and historical imagery. No field verification is required. The contractor must meet all minimum accuracy and classification standards while providing defensible and repeatable methods.

4. Technical Requirements

Data Sources: LiDAR (1m accuracy), historical satellite imagery

Projection: NAD83 UTM Zone 14N

Classification: Estimated representation of Class 1 & 2 wetlands as per Kandtrud and Stewart wetland classification system and AWWD internal limiting

Minimum Mapping Unit: 0.01 acres

Required Attributes: Acres, basin ID, calculated financial value, soil texture, ag capability class, legal land description and LiDAR year

5. Deliverables Map Series

1:4000 scale PDFs by quarter section with full labeling

GIS Dataset

Shapefile & geodatabase (NAD83 UTM Zone 14N)

Web Map

Must integrate with AGOL, deployment with search, layers, domains and access controls

Technical Report

Methodology, assumptions, accuracy, limitations

Metadata

ISO-compliant documentation