

**10:19 a.m. Drainage District #23 Meeting
September 15, 2015**

The Clay County Board of Supervisors met as trustees of Drainage District # 23. Members present: Anderson, Brockshus, Matthews, and Skow.

Motion by Matthews, seconded by Anderson to appoint Supervisors Skow as Chairperson for this meeting, and to appoint Clay County Auditor, Marjorie Pitts as Secretary for this meeting. All present voted Aye. Motion carried.

Motion by Matthews, seconded by Anderson to approve and authorize the Chairperson to sign the bid of \$3,414.00 from Griggs Environmental Strategies Inc. (GES), 915 8th Street, Boone, Iowa 50036 for wetland investigation services for the Drainage District #23 improvement project . Services include three tasks, listed below.

Task 1- Wetland Delineations on Non-Agricultural Land - GES will compile and assess existing site information using web-based Geographical Information Systems (GIS). Data to review includes project location maps, National Wetlands Inventory maps, Clay County Soil Survey maps and tables, and aerial photographs. Based on the results of the investigation, areas requiring field investigation will be identified. Non-agricultural areas including potential wetlands and stream channels will be investigated according to the 1987 Corps of Engineers Wetland Delineation Manual and the 2010 Midwest Regional Supplement. All potentially jurisdictional areas will be field reviews for hydrophytes vegetation, hydric soils, and wetland hydrology. Field identified wetlands will be flagged, if requested. Delineation information will be recorded on Wetland Determination Data Forms: Midwest Region.

Task 2 – Wetland Determination on Agricultural Land – Agricultural land within the project limits will be investigated according to required Food Services Act (FSA) methodology including review of predetermined annual aerial annual aerial photograph slides from the Spencer USDA Services Center. Areas within the project area identified with wetland signatures will be verified for the presence of hydric soils by cross-referencing with the county soil survey. Findings will be recorded on data forms for FSA Offsite Determination for Agricultural Lands. Mapped wetland data will be transferred to aerial photography and provided via ArcGIS Shape file. All data sheets and aerial photographs will be included in the Wetland Investigation Report.

Task 3 – Wetland investigation Report

A technical report will be prepared to summarize the quantity and extent of jurisdictional waters for the proposed project areas. The report will include delineated acreage, a location map of identified jurisdictional waters, and completed data sheets documenting finding.

Motion carried / failed.

Motion by Matthews, seconded by Brockshus to adjourn to the Drainage District #23 meeting at 10:21 a.m.. All present voted Aye. Motion carried.

/s/Marjorie A. Pitts, County Auditor

/s/Joe Skow, Vice Chairperson