Statement of Work

WATER ACTIVITY NAME – Jackson County Water Conservancy District's Structures For Water Control: Headgates and Diversion

GRANT RECIPIENT – Jackson County Water Conservancy District

FUNDING SOURCE – WSRA: North Platte Basin Roundtable Allocation

INTRODUCTION AND BACKGROUND:

Provide a brief description of the project. (Please limit to no more than 200 words; this will be used to inform reviewers and the public about your proposal)

The Jackson County Water Conservancy District, proposes to replace four old, deteriorating headgate structures and install one new, permanent diversion structure within Jackson County. Each of the proposed structures is critical in the delivery of irrigation water to storage and/or to irrigated ground.

The proposed new headgate structures will allow the water user's to safely, effectively and efficiently control and regulate the amount of water entering each of the associated ditches. The proposed diversion structure will serve as a permanent check structure, thus eliminating annual damage to the streambanks and reducing sediment discharge. Installing these improved structures will not only help to maintain our current agricultural economic base, but they will help to meet the identified consumptive need of increasing irrigated acres within the county. Improved water efficiency is a benefit to all consumptive and associated non-consumptive uses of irrigation water.

The installation of the structures will also address both the agricultural and environmental water needs in a cost effective, collaborative way. In addition to irrigating the highly valuable hayland, the irrigation water creates irrigation induced wetlands and riparian areas that provide habitat for many species of big game, waterfowl and upland birds, including the Greater Sage Grouse. The ditches, wetlands and riparian areas all provide a variety of recreational opportunities as well.

The Jackson County Water Conservancy District has received technical and engineering assistance through the Natural Resources Conservation Service (NRCS) for the survey and design of the proposed structures. NRCS will continue to provide technical support throughout the construction, revegetation, and maintenance phases of the project.

OBJECTIVES:

1. To install Structures for Water Control that will safely, efficiently and effectively control or divert water flows into the Bostwick, Mutual, Staples 1., Squibob and Richmond Ditches.
2. To provide the water users and commissioners with a better means of controlling and administering the water rights and flows associated with each of the ditches above.

TASKS:

TASK 1 – Determination of Project Need and Feasibility (COMPLETED)

Description of Task – Determine the need and feasibility of installing the new structures.

Method/Procedure – Site visits: A owner representative for each of the proposed structures and a NRCS Representative shall view and inspect each of the proposed structures.

- ✓ Assessed the current condition of each of the existing structures and determined the need, feasibility and cost of installing new structures.

Deliverable – Proposed structures were determined to be needed and feasible.

TASK 2 – Engineering Survey and Design (COMPLETED)

Description of Task - Perform the on-site engineering survey and design the planned structures.

Method/Procedure - Follow-up visit: NRCS staff

- ✓ Surveyed and designed each of the proposed structures.

Deliverable – An engineering plan, structure design and copy of NRCS's Standards and Specifications shall be provided to the owner representative for each structure once application is approved. Each structure is now a **shovel ready project**.

**** Reference: the attached NRCS Structure for Water Control designs.

TASK 3 – Project Construction and Installation

Description of Task – The planned Structures for Water Control shall be installed.

Method/Procedure – On site: Contractor (NRCS staff and owner representative when needed)

- ✓ the structures shall be constructed/installed
- ✓ the sites shall be smoothed and reseeded

Deliverable - Complete and properly functioning Structures for Water Control.

REPORTING AND FINAL DELIVERABLE

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the statement of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

- ✓ ***A final report will be provided to the CWCB after the construction and installation of the project is completed.***

BUDGET

Total Cost Estimate		
Task	***Labor/Equipment/Materials***	***Cost***
Task 1 – Need and Feasibility	**NRCS staff: In-Kind Contribution** **Project Contact Person: In-Kind Contribution**	**1,500.00**
Task 2 – Survey and Design	**NRCS staff: In-Kind Contribution**	**12,000.00**
Task 3 – Construction and Installation	**Contractor : Materials & Labor** **Bostwick Headgate** **Mutual Headgate** **Staples 1. Headgate** **Squibob Headgate** **Richmond Diversion**	 **26,630.00** **35,350.00** **26,313.00** **20,185.00** **20,350.00**
Task 3 – Administration	**JCWCD administrative assistance (10% of total cost)**	**12,883.00**
Total Cost Estimate:		**155,211.00**

Contributions

Applicant / Landowner Contribution:
Bostwick: 2,663.00
Mutual: 3,535.00
Staples 1.: 2,631.00
Squibob: 2,019.00
Richmond: 2,035.00
NRCS In-Kind Contribution: 13,500.00
WRSA Contribution: 128,828.00
Total Contributions: 155,211.00

* ***The Water Right Owners shall contribute 10% of the total costs occurred for construction and installation (Task 3.).***
* ***The Water Right Owners shall be responsible for any and all cost over-rides.***
* ***If the final project completion cost is less than the requested WRSA funds, the remaining funds will be returned to the Basin Account***

SCHEDULE

Task	Estimated Start Date	Estimated Completion Date
1. Need and Feasibility	COMPLETED	
2. Survey and Design	COMPLETED	
3. Construction and Installation	10/15/2011	12/31/2012