



Colorado Water Conservation Board

Water Plan Grant – Statement of Work – Exhibit A

Statement Of Work

Prepared Date:	May 1, 2023
Name of Grantee:	Montezuma County Noxious Weed Department (MCNWD)
Name of Water Project:	Non-Native Phreatophyte Removal Project
Funding Source:	Water Plan Grant (Watershed Health and Recreation Category)
Water Project Overview:	
<p>Montezuma County Noxious Weed Department (MCNWD) initiated the Non-native Phreatophyte Removal Project in 2019 to remove invasive Russian olive and saltcedar trees that draw from the County's water supply and increases salinity levels in both the soil and water. Between 2019 and 2022 the project crew removed over 43,000 Russian olives and 53,000 saltcedars from 450 acres of land within Montezuma County. The removal efforts from 2019-2022 may result in estimated 1,698.75 acre-feet of water savings by the end of 2023.</p> <p>This phase of the Non-Native Phreatophyte Removal Project will focus on 50 miles encompassing Hartman Draw and McElmo Creek. Within this priority area there is a total of 2,000 acres that will need non-native phreatophyte removal and restoration. As of 2022, 115 acres have been managed through the MCNWD project and 50 acres have been managed by BLM, leaving 1,835 acres still needing management.</p>	
Project Objectives:	
<p>Between 2023 and 2025, MCNWD will remove non-native phreatophytes from 400 acres within the priority area, generating an estimated 3,852 acre-feet of potential water savings. By removing non-native phreatophytes, MCNWD will also seek to reduce salinity inputs and nitrogen levels in waterways, as well as reduce irrigation system maintenance costs by eliminating Russian olives and saltcedars debris from entering waterways and ditches.</p>	

Tasks

Task 1 – Removal of Russian olives and saltcedars along with monitoring and sprout treatments

Description of Task:

MCNWD crew will remove Russian olives and saltcedars on designated properties. MCNWD crew will follow-up with all properties to implement sprout treatments.

Method/Procedure:



MCNWD crew will:

- Perform cut stump treatments on trees larger than three inches in RCD (Root Collar Diameter) and pile slash in appropriate areas for landowner to burn or haul to landfill.
- Use excavator with mulcher attachment to remove saltcedars and Russian olives with RCD less than three inches.
- Crew will be responsible for returning to properties to do foliar treatments on any sprouts following one year after initial removal. Sprouts within 50 feet of waterways will be treated with an aquatic labeled herbicide and surfactant.
- Fill out appropriate documentation.
 - Daily documentation of how many trees were removed within different RCD size classes.
 - Daily documentation of any herbicides used for treatments.
 - Document number of debris piles left on site (yes/no)
 - If debris piles were removed, document if they were hauled or burned by landowner
 - Photo points will be taken before and after management. Photo points will have GPS waypoints which will allow us to return to the same location picture was taken.

Deliverable:

MCNWD will provide CWCB with documentation of acres managed, including tree densities, numbers of individual trees removed based off their RCD sizes, herbicide treatment data, debris piles removed, and potential water savings data.

Tasks

Task 2 – Project management and reporting

Description of Task:

MCNWD will submit progress reports and a final report to the CWCB.

Method/Procedure:

MCNWD will process all data from the crew's daily documentation map properties and submit final reports to CWCB.

Deliverable:

As part of progress reports and final reports to CWCB, MCNWD will provide documentation of acres managed, average tree density, average time it took to manage one acre, average water savings per acre, sprouts treated, debris piles removed, and final maps.

Budget and Schedule

This Statement of Work shall be accompanied by a combined Budget and Schedule that reflects the Tasks identified in the Statement of Work.

Reporting Requirements



Progress Reports: The applicant shall provide the CWCB a progress report every six months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status 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 Report: At completion of the project, the applicant shall provide the CWCB a Final Report on the applicant's letterhead that:

- Summarizes the project and how the project was completed.
- Describes any obstacles encountered and how these obstacles were overcome.
- Confirms that all matching commitments have been fulfilled.
- Includes photographs, summaries of meetings and engineering reports/designs.

The CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

Payment

Payment will be made based on actual expenditures and must include invoices for all work completed. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.

Costs incurred prior to the effective date of this contract are not reimbursable. The last 10% of the entire grant will be paid out when the final deliverable has been received. All products, data and information developed as a result of this contract must be provided as part of the project documentation.

Performance Measures

Performance measures for this contract shall include the following:

(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in Exhibit B. Per Grant Guidelines, the CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per Grant Guidelines, Progress Reports must be submitted at least once every six months. A Final Report must be submitted and approved before final project payment.

(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.

(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.