COLORADO
Colorado Water Conservation Board
Department of Natural Resources

Last Updated: July 2019

Colorado Water Conservation Board

Water Plan Grant Application

Instructions

To receive funding for a Water Plan Grant, applicant must demonstrate how the project, activity, or process (collectively referred to as "project") funded by the CWCB will help meet the measurable objectives and critical actions in the Water Plan. Grant guidelines are available on the CWCB website.

If you have questions, please contact CWCB at (303) 866-3441 or email the following staff to assist you with applications in the following areas:

Water Storage Projects	Anna.Mauss@state.co.us
Conservation, Land Use Planning	Kevin.Reidy@state.co.us
Engagement & Innovation Activities	Ben.Wade@state.co.us
Agricultural Projects	Alexander.Funk@state.co.us
Environmental & Recreation Projects	Chris.Sturm@state.co.us

FINAL SUBMISSION: Submit all application materials in one email to *waterplan.grants@state.co.us*
in the original file formats [Application (word); Statement of Work (word); Budget/Schedule (excel)]. Please do not combine documents. In the subject line, please include the funding category and name of the project.

Water Project Summary

Name of Applicant	Ducks Unlimited, Inc.
Name of Water Project	South Platte Wetland Restorations and Planning

CWP Grant Request Amount	$ 141,976
Other Funding Sources Ducks Unlimited	$ 150,160
Other Funding Sources _____	$
Other Funding Sources _____	$
Applicant Funding Contribution	$
Total Project Cost	$ 292,136

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Applicant & Grantee Information
Name of Grantee(s): Ducks Unlimited, Inc.
Mailing Address: 1825 Sharp Point Drive, Suite 118, Fort Collins, CO 80525
FEIN: 13-5643799
Organization Contact: Jason A. Roudebush
Position/Title: Water Resource Specialist
Email: jroudebush@ducks.org
Phone: 970.231.8317
Grant Management Contact: same as above
Position/Title
Email
Phone
Name of Applicant (if different than grantee)
Mailing Address
Position/Title
Email
Phone

Description of Grantee/Applicant
Provide a brief description of the grantee's organization (100 words or less).
Ducks Unlimited, Inc. is a member organization structured under section 501(c)(3). The organization was created in 1937 for the conservation of North America's waterfowl and its habitat. Ducks Unlimited conserves, restores, and manages wetlands and associated habitats for North America's waterfowl. These habitats also benefit other wildlife and people. DU is the world's leader in wetland conservation, having conserved more than 14 million acres across the continent. DU's Colorado Field Office in Fort Collins employs experts in biology, engineering, hydrology, water law, agricultural economics, and land protection. Our experience in the region, network of landowners and partners, fundraising capabilities, and diverse skillsets position DU to effectively deliver multi-beneficial projects in this important focus landscape.

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Type of Eligible Entity (check one)	
	Public (Government): Municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
	Public (Districts): Authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises.
	Private Incorporated: Mutual ditch companies, homeowners associations, corporations.
	Private Individuals, Partnerships, and Sole Proprietors: Private parties may be eligible for funding.
X	**Non-governmental organizations (NGO):** Organization that is not part of the government and is non-profit in nature.
	Covered Entity: As defined in Section 37-60-126 Colorado Revised Statutes.

Type of Water Project (check all that apply)	
	Study
X	Construction
	Identified Projects and Processes (IPP)
	Other

Category of Water Project (check the primary category that applies and include relevant tasks)		
	Water Storage - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity and Multi-beneficial projects and those projects identified in basin implementation plans to address the water supply and demand gap.. *Applicable Exhibit A Task(s):*	
	Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. *Applicable Exhibit A Task(s):*	
	Engagement & Innovation - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website. *Applicable Exhibit A Task(s):*	
	Agricultural - Projects that provide technical assistance and improve agricultural efficiency. *Applicable Exhibit A Task(s):*	
X	Environmental & Recreation - Projects that promote watershed health, environmental health, and recreation. *Applicable Exhibit A Task(s):*	
X	Other	Explain: Wildlife habitat

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Location of Water Project	
Please provide the general county and coordinates of the proposed project below in **decimal degrees**. The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	Logan & Sedgwick
Latitude	Multiple Project locations
Longitude	Multiple Project locations

Water Project Overview
Please provide a summary of the proposed water project (200 words or less). Include a description of the project and what the CWP Grant funding will be used for specifically (e.g., studies, permitting process, construction). Provide a description of the water supply source to be utilized or the water body affected by the project, where applicable. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, and area of habitat improvements, where applicable. If this project addresses multiple purposes or spans multiple basins, please explain. The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, Other Funding Sources/Amounts and Schedule.
DU requests **$141,976** from the Colorado Water Plan grant program to complete slough restorations, wetland enhancements, and construction planning on several South Platte basin properties (Figure 1). Specifically: 1. 10 acres of in-channel slough restorations on Harris and MERGS sloughs (Figures 2 and 3). Both South Platte River projects are Federally permitted and awaiting funding for construction. There are no decreed water rights for either project. Excavation will proceed within the phreatophytic boundary of the slough, obviating the need for a well permit. 1. Enhancements to 29 existing acres of wetlands on Jackson Lake State Wildlife Area (Figure 4). Upon completion the new wetland footprints will exceed 60 acres of shallow water wetlands. The wetlands are supplied with decreed water from the Riverside canal and are managed by CPW for public access. 2. Survey, design, permitting, and construction planning on three (MX2, Schiller, and Fender) South Platte private lands projects (Figures 5-8). All three properties are under conservation easement and have firm sources of decreed water (MX2: Sterling No.1 Ditch, Schiller: Harmony Ditch, Fender: New Reservation Ditch). The planning efforts will result in approximately 300 acres of wetland restorations ready for implementation in Phase-II.

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Measurable Results		
To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:		
	New Storage Created (acre-feet)	
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive	
	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
370	Area of Restored or Preserved Habitat (acres)	
	Quantity of Water Shared through Alternative Transfer Mechanisms	
	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning	
	Number of Coloradans Impacted by Engagement Activity	
	Other	Explain:

Water Project Justification
Provide a description of how this water project supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the applicable Roundtable Basin Implementation Plan and Education Action Plan. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers). The proposed water project shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan Framework for State of Colorado Support for a Water Project (CWP, Section 9.4, pp. 9-43 to 9-44;)
South Platte Basin Implementation Plan **Environmental & Recreational Gap** – although the BIP did not specifically identify Environmental and Recreational gaps due to the lack of methodology at the time of publication, this project will create, improve, or plan for 370 acres of wetland habitat in the basin. When completed, these projects will become a new environmental and recreational attribute for the Basin. **Colorado Water Plan** This project directly addresses a Critical Action Item set forth in Section 10.3 of the Colorado Water Plan. The measurable results will move the needle forward on the following item: **F. Watershed Health, Environment, Recreation** –A primary benefit of this project will be the increase in migratory bird hunting and viewing opportunities along the South Platte River (SPR) with the restoration and creation of shallow water habitat. The ponds will aide in maintaining the habitat base for the significant population of nonbreeding waterfowl that utilize the lower South Platte River in fall, winter and, especially, spring. The target species for this project include mallards and northern pintails, although all dabbling ducks will benefit. The intent of the project is to increase the

availability and quality of shallow-water habitat to spring and fall migrants, such that body condition is maintained, and pre-breeding physiological demands are met. These habitat types are in decline along Colorado's South Platte River. In addition to the direct wetland benefits for numerous species of local and migratory wildlife, the added groundwater recharge is directly linked to healthy riparian habitat in the South Platte River.

Related Studies

Please provide a list of any related studies, including if the water project is complementary to or assists in the implementation of other CWCB programs.

Not applicable

Previous CWCB Grants, Loans or Other Funding

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order; 6) Percentage of other CWCB funding for your overall project.

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Loans: None

CWP: Lafleur Wetlands, North Park Irrigated Meadows

WSRF: Bureau of Reclamation – Narrows (SPBRT), North Park Irrigated Meadows II (NPBRT), Sambrito Wetlands (SWBRT), Pedersen Bend Recharge (SPBRT), Bureau of Reclamation – Narrows Feasibility (SPBRT), State Land Board Recharge (SPBRT), Prewitt Reservoir Wetland Enhancements (SPBRT), Flex Water Market Implementation (SPBRT), South Platte Phreatophyte Control (SPBRT), Wetland Recharge Model (SPBRT), North Park Irrigated Meadows I (NPBRT), Weld County School District (SPBRT), Central South Platte Partnership (SPBRT), Fender/DT Ranch/Drakeland Wetlands (SPBRT), Heyborne/Brush Prairie Ponds/Golden Eagle Wetlands (SPBRT).

Taxpayer Bill of Rights

The Taxpayer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect your application.

Not applicable

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Submittal Checklist	
	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract.
Exhibit A	
X	Statement of Work(1)
X	Budget & Schedule(1)
X	Engineer's statement of probable cost (projects over $100,000)
	Letters of Matching and/or Pending 3rd Party Commitments(1)
Exhibit C	
X	Map (if applicable)(1)
	Photos/Drawings/Reports
	Letters of Support (Optional)
X	Certificate of Insurance (General, Auto, & Workers' Comp.) (2)
X	Certificate of Good Standing with Colorado Secretary of State(2)
X	W-9(2)
	Independent Contractor Form(2) (If applicant is individual, not company/organization)
Engagement & Innovation Grant Applicants ONLY	
	Engagement & Innovation Supplemental Application(1)

(1) Required with application.
(2) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.

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ENGAGEMENT & INNOVATION GRANT FUND SUPPLEMENTAL APPLICATION

Introduction & Purpose

Colorado's Water Plan calls for an outreach, education, public engagement, and innovation grant fund in Chapter 9.5.

The overall goal of the Engagement & Innovation Grant Fund is to enhance Colorado's water communication, outreach, education, and public engagement efforts; advance Colorado's water supply planning process; and support a statewide water innovation ecosystem.

The grant fund aims to engage the public to promote well-informed community discourse regarding balanced water solutions statewide. The grant fund aims to support water innovation in Colorado. The grant fund prioritizes measuring and evaluating the success of programs, projects, and initiatives. The grant fund prioritizes efforts designed using research, data, and best practices. The grant fund prioritizes a commitment to collaboration and community engagement. The grant fund will support local and statewide efforts.

The grant fund is divided into two tracks: engagement and innovation. The Engagement Track supports education, outreach, communication, and public participation efforts related to water. The Innovation Track supports efforts that advance the water innovation ecosystem in Colorado.

Application Questions

*The grant fund request is referred to as "project" in this application.

Overview (answer for both tracks)
In a few sentences, what is the overall goal of this project? How does it achieve the stated purpose of this grant fund (above)?
Who is/are the target audience(s)? How will you reach them? How will you involve the community?
Describe how the project is collaborative or engages a diverse group of stakeholders. Who are the partners in the project? Do you have other funding partners or sources?

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Overview (answer for both tracks)
Describe how you plan to measure and evaluate the success and impact of the project?
What research, evidence, and data support your project?
Describe potential short- and long-term challenges with this project.

Please fill out the applicable questions for either the Engagement Track or Innovation Track, unless your project contains elements in both tracks. If a question does not relate to your project, just leave it blank. Please answer each question that relates to your project. Please reference the relevant documents and use chapters and page numbers (Colorado's Water Plan, Basin Implementation Plan, PEPO Education Action Plan, etc.).

Engagement Track
Describe how the project achieves the education, outreach, and public engagement measurable objective set forth in Colorado's Water Plan to "significantly improve the level of public awareness and engagement regarding water issues statewide by 2020, as determined by water awareness surveys."
Describe how the project achieves the other measurable objectives and critical goals and actions laid out in Colorado's Water Plan around the supply and demand gap; conservation; land use; agriculture; storage; watershed health, environment, and recreation; funding; and additional.
Describe how the project achieves the education, outreach, and public engagement goals set forth in the applicable Basin Implementation Plan(s).

Describe how the project achieves the basin roundtable's PEPO Education Action Plans.

Innovation Track
Describe how the project enhances water innovation efforts and supports a water innovation ecosystem in Colorado.
Describe how the project engages/leverages Colorado's innovation community to help solve our state's water challenges.
Describe how the project helps advance or develop a solution to a water need identified through TAP-IN and other water innovation challenges. What is the problem/need/challenge?
Describe how this project impacts current or emerging trends; technologies; clusters, sectors, or groups in water innovation.

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Colorado Water Conservation Board
Water Plan Grant - Exhibit A

Statement Of Work	
Date:	**31 January 2020**
Name of Grantee:	**Ducks Unlimited, Inc.**
Name of Water Project:	**South Platte Wetland Restorations and Planning**
Funding Source:	**Colorado Water Plan Grant (with matching funds from DU and landowners)**

Water Project Overview:

DU is proposing a diverse range of wetland habitat work on six properties in the South Platte basin. Specifically, we propose to complete two slough restorations (Harris and MERGS properties), wetland enhancements totaling 60 acres on Jackson Lake State Wildlife Area, and engineering planning in the form of survey, design, and permitting on three federally protected private lands properties (MX2, Schiller, and Schiller).

Each of the proposed projects have existing, decreed water rights that can be lawfully utilized for the work we are proposing or are taking place in the active river channel and do not require water rights. Furthermore, all the properties are either perpetually protected under a conservation easement or are State owned. These two factors, in combination with DU's biological and engineering expertise as the project developer, will result in a wise use of Colorado Water Plan Funds with a high likelihood of long-term success.

Project Objectives:

1. Complete 10 acres of slough cleanout (5 acres on each property) to allow for the reestablishment of historic streamflow through both slough channels. Our proposed work includes the removal of undesirable sediment and phreatophytic, tall emergent vegetation, and the checking of cattail stand encroachment on the wetlands.

2. Enhancements to 29 existing acres of deep-water wetlands on Jackson Lake State Wildlife Area. The objective is to complete earthwork rebalancing (excavation) in each of the cells to double the footprint (60 acres at completion) and create shallow water habitat desired by migratory birds and recreational enthusiasts.

3. Survey, design, permitting, and construction planning on three South Platte private lands projects (MX2, Schiller, and Fender). All three properties are under conservation easement and have firm sources of decreed water. The planning efforts will result in approximately 300 acres of wetland restorations ready for implementation in Phase-II.

Tasks

Task 1 – Slough Restoration (Harris Property)

Description of Task:

DU is proposing approximately 5 acres of in-channel slough restorations on the Harris property. Work includes excavation, clearing and grubbing of tall emergent vegetation, and removal of invasive tree species. DU has already obtained the permits for construction activities and we are only in need of funding for clearance and awaiting funding for construction. The result of the conservation activities will be the re-establishment of historic water flows through the slough channel, the removal of undesirable sediment and phreatophytic, tall emergent vegetation, and the checking of cattail stand encroachment on the wetlands. The increased size and quality of slough, marsh, and wet meadow habitats on the site will assist non-breeding waterfowl in maintaining body condition by providing excellent foraging and roosting habitat in a stretch of the river deficient in these habitat types.

Method/Procedure:

DU will solicit construction bids on the project through public posting of the job (including the wetland conservation construction planset, contracting terms, and general conditions of work) on its website. Potential contractors will be hosted at a site showing where the project workplan will be explained in detail. DU will accept blind bids and accept the lowest eligible bid for work. DU will execute a construction contract with the selected bidder and develop a workplan. DU will manage construction under the terms of the contract. Upon construction completion, DU will secure landowner approval of work and thereupon close the construction project. DU and its partners will produce a final project completion report.

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Tasks
Deliverable:
Engineering drawing(s) of the proposed work, before and after construction photos, and a final report will be submitted.
Task 2 – Slough Restoration (MERGS Property)
Description of Task:
DU is proposing approximately 5 acres of in-channel slough restorations on the MERGS property. Work includes excavation, clearing and grubbing of tall emergent vegetation, and removal of invasive tree species. DU has already obtained the permits for construction activities and we are only in need of funding for clearance and awaiting funding for construction. The result of the conservation activities will be the re-establishment of historic water flows through the slough channel, the removal of undesirable sediment and phreatophytic, tall emergent vegetation, and the checking of cattail stand encroachment on the wetlands. The increased size and quality of slough, marsh, and wet meadow habitats on the site will assist non-breeding waterfowl in maintaining body condition by providing excellent foraging and roosting habitat in a stretch of the river deficient in these habitat types.
Method/Procedure:
DU will solicit construction bids on the project through public posting of the job (including the wetland conservation construction planset, contracting terms, and general conditions of work) on its website. Potential contractors will be hosted at a site showing where the project workplan will be explained in detail. DU will accept blind bids and accept the lowest eligible bid for work. DU will execute a construction contract with the selected bidder and develop a workplan. DU will manage construction under the terms of the contract. Upon construction completion, DU will secure landowner approval of work and thereupon close the construction project. DU and its partners will produce a final project completion report.
Deliverable:

Tasks
Engineering drawing(s) of the proposed work, before and after construction photos, and a final report will be submitted.

Tasks
Task 3 – Wetland Enhancements at Jackson Lake State Wildlife Area
Description of Task:
There are approximately 29 acres of wetlands on Jackson Lake State Wildlife Area currently without adequate hydrologic control and configured too deep to allow for submerged aquatic vegetation to grow. DU is proposing to rebalance the earthwork within each of the cells to expand the wetland footprint (up to 60 acres), while creating shallow water (<2ft deep) preferred by migratory birds for foraging. DU has already completed the survey, design, and permitting on the project so this proposal is to fill in the remining budget gap to see the construction phase through completion. The wetlands are supplied with decreed water from the Riverside canal and are managed by CPW for public access.
Method/Procedure:
DU will solicit construction bids on the project through public posting of the job (including the wetland conservation construction planset, contracting terms, and general conditions of work) on its website. Potential contractors will be hosted at a site showing where the project workplan will be explained in detail. DU will accept blind bids and accept the lowest eligible bid for work. DU will execute a construction contract with the selected bidder and develop a workplan. DU will manage construction under the terms of the contract. Upon construction completion, DU will secure landowner approval of work and thereupon close the construction project. DU and its partners will produce a final project completion report. All earthwork is scheduled to be completed by 1 August 2020.

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Tasks
Deliverable:
Engineering plan set stamped by a professional engineer, before and after photos, and a final report will be submitted.

Tasks
Task 4 – Engineering and Construction Planning (3 Properties: MX2, Schiller, Fender)
Description of Task:
DU is proposing to survey, design and permit three private lands projects in the lower South Platte River basin. Over the past year, DU has worked directly with the landowners to develop the conceptual framework for wetland creation and restoration on the three properties. We are now seeking the funding to bring each project through the engineering design phase such that we are ready for construction (Phase-II). The planning efforts will result in approximately 300 acres of wetland restorations ready for implementation in Phase-II.
Method/Procedure:
DU approaches each new wetland planning effort with the goal of ensuring the hydrology on each site promotes the growth of desirable wetland and riparian vegetation communities that provide the seeds and substrate for invertebrates that will attract and nourish foraging waterfowl species. To accomplish this goal, DU will complete a comprehensive cadastral survey of each of the three properties. The survey data will then guide the final engineering designs which may include embankments, culverts, drainage ditches, Agri-Drain type water control structures, and water measurement devices and recorders. The designs will be accompanied with earthwork quantities and full specifications water infrastructure.
Deliverable:

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Tasks

The Task 4 planning portion of this proposal will yield construction ready plan sets and an engineer's estimate of anticipated construction costs. Those documents will be utilized to fundraise for phase-II (construction) and eventually to solicit bids and secure a contractor.

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 and shall be submitted to CWCB in excel format.

Reporting Requirements

Progress Reports: The applicant shall provide the CWCB a progress report every 6 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.

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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 to CWCB in hard copy and electronic format 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 Water Plan 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 Water Plan 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 Water Plan Grant Guidelines, Progress Reports must be submitted at least once every 6 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.

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Department of Natural Resources

Colorado Water Conservation Board

Water Plan Grant - Detailed Budget Estimate
Fair and Reasonable Estimate

Date: 1/31/2020
Name of Applicant: Ducks Unlimited, Inc.
Name of Water Project: South Platte Wetland Restorations & Planning

Detailed Budget

Task 1 - Slough Restoration - Harris

Staff Time	Professional Engineer	Hydrologist	Biologist	
	$ 120	$ 120	$ 120	**Subtotal**
	Estimated Hours			
Construction Bidding and Contracting	20			
Staking & Construction Management	40			
Reporting	4			
SUBTOTAL	$ 7,680	0	0	**$ 7,680**

Construction Expenses

Item	Mobilization & Site Prep	Clearing & Grubbing	Excavation			
Unit	Lump sum	Lump sum	Cubic-Yard			
Unit Price	$5,000	$5,000	$4			
Quantity	1	1	5,000			
Total	$5,000	$5,000	$20,000			

Task 2 - Slough Resotration - MERGS

Staff Time	Professional Engineer	Hydrologist	Biologist	
	$ 120	$ 120	$ 120	**Subtotal**
	Estimated Hours			
Construction Bidding and Contracting	20			
Staking & Construction Management	40			
Reporting	4			
SUBTOTAL	$7,680	$0	$0	**$7,680**

Construction Expenses

Item	Mobilization & Site Prep	Clearing & Grubbing	Excavation			
Unit	Lump sum	Lump Sum	Cubic-Yard			
Unit Price	$5,000	$5,000	$4			
Quantity	1	1	5,000			
Total	$ 5,000	$ 5,000	$ 20,000			

Task 3 - Wetland Enhancements - Jackson Lake SWA

Staff Time	Professional Engineer	Hydrologist	Biologist	
	$ 120	$ 120	$ 120	**Subtotal**
	Estimated Hours			
Construction Bidding and Contracting	40			

Construction Expenses

Item	Mobilization & Site Prep	Site Prep	Excavation of existing cells	Excavation of new cell		
Unit	Lump sum	Lump Sum	Cubic-Yard	Cubic-Yard		
Unit Price	$7,500	$5,000	$4	$4		
Quantity	1	1	24,424	$ 5,000		

Staking & Construction Management	100			
Reporting	4			
SUBTOTAL	$17,280	$0	$0	**$17,280**

Task 4 - Engineering Planning (MX2, Schiller, Fender)

Staff Time	Professional Engineer	Hydrologist	Biologist	
	$ 120	$ 120	$ 120	**Subtotal**
	Estimated Hours			
Survey	100			
Engineering Design/Drafting		240	100	
Reporting		8	16	
SUBTOTAL	$12,000	$29,760	$13,920	**$55,680**

Total	$ 7,500	$ 5,000	$ 97,696	$ 20,000

Construction Expenses

Item	NO CONSTRUCTION IN TASK
Unit	
Unit Price	
Quantity	
Total	

Subtotal Hours
Construction Subtotal
Subcontractor Administration Fee @ 5%
Other Direct Costs (see below)

TOTAL

Other Direct Costs

Item:	**Survey Equipment**	**Lodging**	**Meals**	**Mileage**	**Total**
Unit Cost	**$250/day**	**$150/Night**	**$40/Day**	**0.54/mile**	
Units	**10**	**0**	**20**	**1500**	
Total	$ 2,500	$0	$800	$810	$4,110

Total Units:

Total Cost:	$4,110

NOTES:
***When the application has been approved by the Board, and this budget document is being submitted for PO or contract processing, the "Name of Applicant" field MUST be changed to "Name of GRANTEE" and remove the DATE field.**

Ensure that pagination is included and correct, i.e., Page 1 of 2, Page 2 of 2, etc.

				Task 1 Total	CWCB Funds	DU Match	Landowner Match
			Construction Subtotal				
			$ 30,000		$ 22,680	$ 15,000	
				$ 37,680			

				Task 2 Total
			Construction Subtotal	
			$ 30,000	
				$ 37,680

				Task 3 Total			
			Construction Subtotal				
					$ 47,476	$ 100,000	

		$ 130,196				
			$ 147,476			
4		Task 4 Total				
	Construction Subtotal					
	$ -			$ 35,520	$ 20,160	
			$ 55,680			
				CWCB Total	DU Total	Landowner Total
			$ 88,320	$ 128,356	$ 150,160	$ -
			$ 190,196			
			$ 9,510			
			$ 4,110			
	TOTAL PROJECT COST		$ 292,136			