



**COLORADO**

**Colorado Water  
Conservation Board**

Department of Natural Resources

January 9, 2018

Wildlands Restoration Volunteers  
Attn: Lukas McNally, Watershed Restoration Coordinator  
Sarah Egolf-Tarr, Development Director  
3012 Sterling Circle, Suite 201  
Boulder, CO 80301

RE: Notice to Proceed – WSRF Grant – POGG1 2018-449 Community Sub-basin Post-Flood Source Water Protection in the South Platte River Basin

Dear Lukas/Sarah,

This letter is to inform you that the grant request to assist in the above WSRF grant project has been approved. The original contract documents in this email serve as your original contracting documents.

With the executed agreement, you are now able to proceed with the project and invoice the State of Colorado for costs incurred through November 15, 2022. Please note that we have modified the original schedule expiration date to a 5-year maximum term. This will allow you the additional time to complete the project if needed, but also avoids the amendment process any time during the project. Although it is extremely helpful for both parties, it is encouraged that the grantee follows the original schedule set forth before the Board upon its original approval. You can refer to the WSRF Criteria & Guidelines located on our website for the updated invoice request requirement instructions prior to submitting your request(s).

The WSRF Criteria & Guidelines also provide instructions for the six month progress reports and final deliverable procedures in order to avoid a delay in payment requests.

If you have any questions or concerns regarding the project, please contact Craig Godbout, Project Manager at 303-866-3441 ext. 3210 or at [Craig.Godbout@state.co.us](mailto:Craig.Godbout@state.co.us). Please send the 6 month progress reports and invoices directly to the Project Manager and cc me at [Dori.vigil@state.co.us](mailto:Dori.vigil@state.co.us).

You can contact me at 303-866-3441 ext. 3250 for additional invoicing, payment and contracting inquiries.

Thank you.

Sincerely,

//s//

**Doriann Vigil**  
**Program Assistant II**  
O 303-866-3441 ext. 3250  
1313 Sherman Street, Rm. 719, Denver, CO 80203  
[Dori.vigil@state.co.us](mailto:Dori.vigil@state.co.us) / [cwcw.state.co.us](http://cwcw.state.co.us)

Attachments





STATE OF COLORADO  
Department of Natural Resources

<b>ORDER</b>		<b>** IMPORTANT **</b>				
Number: POGG1 PDAA 201800000449		The order number and line number must appear on all invoices, packing slips, cartons and correspondence				
Date: 01/09/18						
Description: PDAA 2500 South Platte Basin - Wildland Restoration Volunteer		<b>BILL TO</b> COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
Effective Date: 01/09/18      Expiration Date: 11/15/22						
<b>BUYER</b>		<b>SHIP TO</b>				
Buyer:		COLORADO WATER BOARD CONSERVATION				
Email:		1313 SHERMAN STREET, ROOM 718				
		DENVER, CO 80203				
<b>VENDOR</b>		<b>SHIPPING INSTRUCTIONS</b>				
WILDLANDS RESTORATION VOLUNTEERS		Delivery/Install Date:				
3012 STERLING CIR		F.O.B: FOB Dest, Freight Allowed				
UNIT 201		<b>VENDOR INSTRUCTIONS:</b>				
BOULDER, CO 80301-2332						
Contact: Lukas McNally						
Phone: 3035431411						
<b>Line Item</b>	<b>Commodity/Item Code</b>	<b>UOM</b>	<b>QTY</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>MSDS Req.</b>
1	G1000		0	0.00	\$25,000.00	<input type="checkbox"/>
Description: PDAA 2500 South Platte Basin - Wildland Restoration Volunteer						
Service From: 01/09/18      Service To: 11/15/22						
<b>Line Item</b>	<b>Commodity/Item Code</b>	<b>UOM</b>	<b>QTY</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>MSDS Req.</b>
2	G1000		0	0.00	\$25,000.00	<input type="checkbox"/>
Description: PDAA 2500 South Platte Basin - Wildland Restoration Volunteer						
Service From: 01/09/18      Service To: 11/15/22						
<b>TERMS AND CONDITIONS</b>						
<a href="https://www.colorado.gov/osc/purchase-order-terms-conditions">https://www.colorado.gov/osc/purchase-order-terms-conditions</a>						
<b>DOCUMENT TOTAL = \$50,000.00</b>						

**Exhibit A**  
**Statement of Work**  
**Date: 4/28/2017**

**WATER ACTIVITY NAME - Community Sub-Basin Post-Flood Source Water Restoration Project**  
**GRANT RECIPIENT – Wildlands Restoration Volunteers**  
**FUNDING SOURCE – Water Supply Reserve Account**

**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)

In September, 2013, South Platte River sub-basins were severely impacted by a 500-year flood. Today, many reaches of stream are still affected by habitat degradation, and are prone to future flooding, soil erosion, and weed infestation. Municipal reservoirs experienced severe sedimentation during the flood, incurring dredging costs and putting municipal water users at risk. At present, upstream streambanks continue to erode and contribute to reservoir sedimentation and increased costs for water treatment facilities.

The quality of water supporting cities, agriculture, and habitat is dependent on the integrity of the landscape through which the rivers flow. WRV proposes to work with multiple partners in the Big Thompson, Little Thompson, Left Hand, James Creek, and St. Vrain drainages to control sediment by installing erosion control products, planting healthy native riparian plant communities across 16 acres, and removing tens of thousands of tamarisk saplings across 20 acres, and spanning 2.2 miles of stream.

Volunteer activities will include native seeding, planting wetland plants, application of soil amendments (e.g. biosol, humate, inoculant as appropriate to streambank elevation), caging of the plants to prevent beaver depredation, and installation of erosion matting and WoodStraw mulch to prevent erosion and increase groundwater infiltration. Plants will establish roots, stabilize the streambanks, provide structure for habitat, and eventually deposit leaf litter and rebuild healthy soils.

**OBJECTIVES**

List the objectives of the project

- 1. Improve source water quality by stabilizing channels using a variety of cutting-edge techniques.**
- 2. Reduce erosion by revegetating 16 acres of riparian corridor using professional labor, volunteers, and demonstrated revegetation expertise.**
- 3. Reduce hazards and decrease likelihood of property damage by future floods.**
- 4. Educate volunteers about water quality and conservation, and other goals of the South Plate BRT.**
- 5. Search and remove invasive phreatophytes from approximately 20 acres**

**TASKS**

Provide a detailed description of each task using the following format

**TASK 1 – Planning/Management/Education**

**Description of Task:** WRV is the project sponsor for this extensive partnership, providing ultimate responsibility for the successful completion of all project goals, from logistics to partnerships, and proper oversight of funds. The flood spanned multiple watersheds, and a mosaic of public and private lands. Recovery requires a landscape-scale, multi-jurisdictional approach. Collaborative community-based stewardship is a central focus of WRV's mission. WRV is able to fulfill its mission with a staff of only 17 due to our large community of over 3,500 active volunteers, including many skilled professionals who donate their time in-kind. Just as important as our operational outcomes, WRV invests in a community-based "culture of stewardship" to keep our volunteers engaged, and educated about issues affecting western watersheds.

**Method/Procedure:** Communication with partners, technical design preparation, recruitment of volunteers, oversight of volunteer leaders, contracting with equipment operators, acquisition of materials, tools and gear. Recruitment will be conducted at public festivals and fairs, over social media and our house email list, through partnerships with schools and businesses, and through press coverage. Volunteer leadership development coursework and mentorship will be offered to cover project/crew leadership, interpersonal skills, technical design, restoration techniques, wilderness first aid, chain-sawyer certification, and more. WRV staff serves fiduciary responsibility, lead recruiter, primary agency contact, and communicates details to non-leadership volunteers using our website, database and email system.

**Deliverable:** 330 volunteer attendances, including 10% highly trained and oriented leaders; 180 local underserved youth; 510 people reached by outreach, training, and/or technical assistance; projects safely completed within budgets and timelines; volunteers and agency contacts report satisfaction in post-project surveys and debriefs.

## **TASK 2 – Instream Work**

**Description of Task:** Heavy equipment work (grading, soil bed prep, transport of materials, etc.) will be performed by insured, sub-contracted professionals.

**Method/Procedure:** Much of the project area requires extensive instream channel reconstruction. That work is finished at some sites, and will occur at others sites later in 2017 or 2018. WRV and partners will stabilize the channel using soft-armor techniques, such as burying root wads into channel bank, natural channel design rock placement, and willow brush-layering. Instream work will re-establish an appropriate channel profile and cross-section, and include step-pool and riffle-pool-run/glide sequences, log vanes, and other structures. These will sequester sediment, and scour a deep low-flow channel, which will assist in sediment transport and provide refuge and spawning areas for fish. Grade control structures and reconnection to the floodplain will increase water storage capacity beneath the adjacent floodplain, supporting better vegetation establishment, and water release to sustain aquatic species during critical low-flow months. This project will also remove and redistribute alluvial deposition in aggraded reaches. This design combined with re-established riparian vegetation will reduce sediment deposition to downstream reaches.

**Deliverable:** Instream work completed as needed along 2.2 miles of stream.

## **TASK 3 – Riparian Revegetation**

**Description of Task:** Very intensive treatment, since this 500-year flood thoroughly scoured native vegetation and soil.

**Method/Procedure:** Acquisition and staging of a variety of appropriate native riparian plants from local nurseries, as well as tools and necessary erosion control products, soil amendment, mulch and native seed. WRV will provide oversight of labor and Youth Corps crews. Technical advisors will prepare revegetation design plans and conduct Crew Leader orientation sessions prior to project dates. Project Leaders will coordinate a team of volunteer Crew Leaders, Cooks, Tool Managers, Medics, along with Agency Partners and WRV staff to accomplish successful and safe project days. Non-leadership volunteers will prepare and attend on project days to plant riparian vegetation following Crew Leader direction.

**Deliverable:** 8,000 native plants planted across 16 acres of streambank along 2.2 miles of stream.

#### **TASK 4 – Phreatophyte Removal**

**Description of Task:** Mapping and treatment of invasive phreatophytes that have emerged since the flood (primarily tamarisk).

**Method/Procedure:** Purchasing and staging appropriate tools, garbage bags and extra work gloves. Volunteer Technical Assistants will prepare Crew Leader Notes and conduct Crew Leader Orientation sessions prior to project dates. Volunteer Project Leaders will coordinate a team of volunteer Crew Leaders, Cooks, and Tool Managers as necessary, along with Agency Partners and WRV staff to accomplish safe, successful project days. These projects may involve trained volunteer sawyers under the supervision of B- Faller certified sawyers (depending on the age and size of phreatophytes we encounter). Non-leadership volunteers will prepare and attend on project days to pull tamarisk saplings, or cut-and-stump-treat with riparian-approved herbicides to allow native species to succeed.

**Deliverable:** 20 acres of phreatophytes (primarily tamarisk) which have germinated after the flood: mapped & removed.

#### **TASK 5 – Monitoring & Post Treatment**

**Description of Task:** Evaluation & follow-up weed treatment.

**Method/Procedure:** Specifics vary from site to site, but some of the monitoring methods used include: 1) Taking extensive field notes and using photo points to measure changes over time. 2) Monitoring plantings for survival rate. Refining BMPs over time based on results. 3) Working with partners to help monitor sites for the long term, with specifics depending on the jurisdiction. For example, we are restoring riparian vegetation upstream of the primary water intake for Cities of Longmont and Lyons, so they have a strong permanent interest to monitor and keep that vegetation healthy. The USFS will monitor riparian vegetation cover and native fish counts on their lands. The Little Thompson Watershed Coalition is a community partner coordinating work on both private and public land in their watershed, responsible to meet monitoring requirements for Army Corps of Engineer Permits.

**Deliverable:** Photo documentation of vegetation response and weed management. Contracted herbicide treatment of weeds scaled to weed response after primary treatment.

## 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.

## SCHEDULE

Provide a project schedule including key milestones for each task and the completion dates or time period from the Notice to Proceed (NTP). This dating method allows flexibility in the event of potential delays from the procurement process. Sample schedules are provided below. Please note that these schedules are examples and will need to be adapted to fit each individual application.

Task	Start Date	Finish Date
1 Planning, management, education	NTP	NTP+730 Days
2 Instream Work	Ongoing, outside of WRV scope	Ongoing, outside of WRV scope
3 Riparian Restoration	NTP+45 Days	NTP+685 Days
4 Phreatophyte removal	NTP+120 Days	NTP+610 Days
5 Monitoring, Post treatment	NTP+240 Days	NTP+730 Days

## PAYMENT

Payment will be made based on actual expenditures and invoicing by the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. The request for payment must include a description of the work accomplished by major task, and estimate of the percent completion for individual tasks and the entire water activity in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 5 percent of the entire water activity budget will be withheld until final project/water activity documentation is completed. All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and help promote the development of a common technical platform.

Budget: WRV South Platte Basin Proposal

- Summary of Tasks
- 1 Planning, Design & Management
  - 2 Instream Reconstruction of flood damaged streams
  - 3 Riparian Revegetation
  - 4 Phreatophyte Removal (primarily Tamarisk)
  - 5 Monitoring & Post treatment

			Project Costs					Cash Match							
Task	Expense Category	Description	Unit Cost	Unit	Qty	Total	Grant Funds	Little Thompson Coalition	Longmont	USFS	CWCB IPCP	Foundations: Terra Fdn Lyons Comm Fdn Natl Forest Fdn	TU Chapters & Audubon Rockies	Total Cash Match	
1	Staff	Project management and administration by WRV	\$488.00	day	18	\$8,784.00	\$2,300.00	\$700.00	\$2,000.00	\$1,630.00	\$1,500.00	\$654.00		\$6,484.00	
1	Staff	Design	\$488.00	day	28	\$13,664.00	\$1,800.00	\$1,000.00	\$5,000.00	\$4,500.00		\$864.00	\$500.00	\$11,864.00	
2	In-kind	Instream reconstruction of flood damaged streams	\$160,000.00	LS	1	\$160,000.00								\$0.00	
3	Staff	Volunteer project planning (vol recruitment & comm, planning, logistics, materials acquisition and staging)	\$350.00	day	76	\$26,600.00	\$5,000.00	\$2,000.00	\$8,800.00	\$8,200.00		\$1,600.00	\$1,000.00	\$21,600.00	
3	In-kind labor	Volunteer labor	\$23.56	vol/hr	2040	\$48,062.40								\$0.00	
3	In-kind labor	Youth event support from youth partners	\$2,291.00	LS	1	\$2,291.00								\$0.00	
3	Other Direct	Volunteer insurance, leader training, appreciation, volunteer community building	\$19.25	vol/day	240	\$4,620.00	\$1,000.00	\$500.00	\$1,300.00	\$1,300.00		\$520.00		\$3,620.00	
3	Other Direct	Tool purchase & maintenance	\$3.91	vol/day	240	\$939.27	\$300.00	\$50.00	\$200.00	\$206.00			\$183.27	\$639.27	
3	Other Direct	Volunteer appreciation	\$3.25	vol/day	240	\$780.00	\$200.00	\$50.00	\$150.00	\$186.80		\$193.20		\$580.00	
3	Materials	Bank Stabilization - Koirmat 700	\$4.45	SY	4,840	\$21,538.00	\$5,500.00	\$1,500.00	\$7,000.00	\$6,500.00		\$768.00	\$270.00	\$16,038.00	
3	Materials	Soil Amendments (Biosol, Humate, Innoculant)	\$1,265.00	Acre	16.0	\$20,240.00	\$2,800.00	\$1,200.00	\$7,740.00	\$5,500.00		\$2,000.00	\$1,000.00	\$17,440.00	
3	Materials	Native trees and shrubs	\$5.50	Each	1,800	\$9,900.00	\$1,800.00	\$800.00	\$3,500.00	\$2,600.00		\$800.00	\$400.00	\$8,100.00	
3	Materials	Wetland plants	\$2.40	Each	2,800	\$6,720.00	\$1,500.00	\$644.00	\$1,364.97	\$2,353.50		\$500.00	\$357.53	\$5,220.00	
3	Materials	Native willow and cottonwood cuttings	\$2.85	Each	3,200	\$9,120.00	\$2,400.00	\$800.00	\$2,500.00	\$2,860.00		\$560.00		\$6,720.00	
3	Materials	WoodStraw Mulch	\$3,200.00	Acre	15.0	\$48,000.00	\$7,060.00	\$2,500.00	\$14,000.00	\$15,860.00		\$6,290.80	\$2,289.20	\$40,940.00	
3	Materials	Native seed	\$525.00	Acre	16.0	\$8,400.00	\$1,000.00	\$400.00	\$1,300.00	\$1,500.00				\$3,200.00	
3	Materials	Food for volunteers	\$7.50	vol/day	180	\$1,350.00	\$400.00	\$200.00	\$500.00			\$250.00		\$950.00	
3	Transportation	Tool truck rental and fuel	\$150.00	day	8	\$1,200.00	\$300.00	\$100.00	\$500.00	\$300.00				\$900.00	
3	Transportation	WRV staff mileage	\$0.55	miles	600	\$330.00	\$100.00	\$30.00	\$132.90	\$67.10				\$230.00	
3	Contracted	Backhoe, skidsteer (with operator)	\$1,000.00	day	10	\$10,000.00	\$2,750.00	\$1,000.00	\$3,000.00	\$3,250.00				\$7,250.00	
3	Contracted	Youth Corps Crew	\$6,800.00	weeks	3	\$20,400.00	\$6,040.00	\$2,356.00	\$5,600.00	\$6,404.00				\$14,360.00	
4	Staff	Volunteer project planning (vol recruitment & comm, planning, logistics, sawyer crew leadership, materials coordination, photo documentation, project eval)	\$320.00	day	24	\$7,680.00	\$1,500.00		\$1,400.00		\$4,780.00			\$6,180.00	
4	In-kind labor	Volunteer labor	\$23.56	vol/hr	600	\$14,136.00								\$0.00	
4	Materials	Food for volunteers	\$7.50	vol/day	90	\$675.00	\$300.00		\$200.00		\$175.00			\$375.00	
4	Other Direct	Volunteer insurance, leader training, appreciation, volunteer community building	\$19.25	vol/day	90	\$1,732.50	\$300.00	\$100.00	\$300.00	\$455.00	\$577.50			\$1,432.50	
4	Other Direct	Tool purchase & maintenance	\$3.91	vol/day	90	\$352.23	\$100.00	\$20.00	\$60.00	\$72.00	\$100.23			\$252.23	
4	Other Direct	Volunteer appreciation	\$3.25	vol/day	90	\$292.50	\$50.00	\$20.00	\$89.63	\$65.60	\$67.27			\$242.50	
4	Transportation	Tool truck rental and fuel	\$150.00	day	2	\$300.00	\$80.00	\$20.00	\$100.00	\$100.00				\$220.00	
4	Transportation	WRV staff mileage	\$0.55	miles	150	\$82.50	\$20.00	\$10.00	\$22.50	\$30.00				\$62.50	
4	Equipment Rental	Chipper rental	\$300.00	day	6	\$1,800.00	\$1,000.00		\$800.00					\$800.00	
5	Staff	Photo documentation of vegetation response and weed management	\$320.00	day	12	\$3,840.00	\$2,000.00		\$1,840.00					\$1,840.00	
5	Contracted	Contracted herbicide treatment of weeds	\$600.00	Acre	8	\$4,800.00	\$2,400.00		\$1,600.00		\$800.00			\$2,400.00	
TOTAL						\$458,629.40	\$50,000.00	\$16,000.00	\$71,000.00	\$63,940.00	\$8,000.00	\$15,000.00	\$6,000.00	\$179,940.00	

Budget: WRV South Platte Basin Proposal

- Summary of Tasks
- 1 Planning, Design & Management
  - 2 Instream Reconstruction of flood damaged streams
  - 3 Riparian Revegetation
  - 4 Phreatophyte Removal (primarily Tamarisk)
  - 5 Monitoring & Post treatment

			In-Kind Match					
Task	Expense Category	Description	WRV	USFS	Longmont	Little Thompson Coalition	Youth Partners	Total In-Kind Match
1	Staff	Project management and administration by WRV						\$0.00
1	Staff	Design						\$0.00
2	In-kind	Instream reconstruction of flood damaged streams			\$75,000.00	\$85,000.00		\$160,000.00
3	Staff	Volunteer project planning (vol recruitment & comm, planning, logistics, materials acquisition and staging)						\$0.00
3	In-kind labor	Volunteer labor	\$48,062.40					\$48,062.40
3	In-kind labor	Youth event support from youth partners					\$2,291.00	\$2,291.00
3	Other Direct	Volunteer insurance, leader training, appreciation, volunteer community building						\$0.00
3	Other Direct	Tool purchase & maintenance						\$0.00
3	Other Direct	Volunteer appreciation						\$0.00
3	Materials	Bank Stabilization - Koirmat 700						\$0.00
3	Materials	Soil Amendments (Biosol, Humate, Innoculant)						\$0.00
3	Materials	Native trees and shrubs						\$0.00
3	Materials	Wetland plants						\$0.00
3	Materials	Native willow and cottonwood cuttings						\$0.00
3	Materials	WoodStraw Mulch						\$0.00
3	Materials	Native seed		\$4,200.00				\$4,200.00
3	Materials	Food for volunteers						\$0.00
3	Transportation	Tool truck rental and fuel						\$0.00
3	Transportation	WRV staff mileage						\$0.00
3	Contracted	Backhoe, skidsteer (with operator)						\$0.00
3	Contracted	Youth Corps Crew						\$0.00
4	Staff	Volunteer project planning (vol recruitment & comm, planning, logistics, sawyer crew leadership, materials coordination, photo documentation, project eval)						\$0.00
4	In-kind labor	Volunteer labor	\$14,136.00					\$14,136.00
4	Materials	Food for volunteers						\$0.00
4	Other Direct	Volunteer insurance, leader training, appreciation, volunteer community building						\$0.00
4	Other Direct	Tool purchase & maintenance						\$0.00
4	Other Direct	Volunteer appreciation						\$0.00
4	Transportation	Tool truck rental and fuel						\$0.00
4	Transportation	WRV staff mileage						\$0.00
4	Equipment Rental	Chipper rental						\$0.00
5	Staff	Photo documentation of vegetation response and weed management						\$0.00
5	Contracted	Contracted herbicide treatment of weeds						\$0.00
TOTAL			\$62,198.40	\$4,200.00	\$75,000.00	\$85,000.00	\$2,291.00	\$228,689.40



**EXHIBIT B Budget: WRV South Platte Basin Proposal**

- Summary of Tasks
- 1

Planning, Design & Management
- 2

Instream Reconstruction of flood damaged streams
- 3

Riparian Revegetation
- 4

Phreatophyte Removal (primarily Tamarisk)
- 5

Monitoring & Post treatment

			Project Costs				Cash Match								
Task	Expense Category	Description	Unit Cost	Unit	Qty	Total	Grant Funds	Little Thompson Coalition	Longmont	USFS	CWCB IPCP	Foundations: Terra Fdn Lyons Comm Fdn Natl Forest Fdn	TU Chapters & Audubon Rockies	Total Cash Match	
1	Staff	Project management and administration by WRV	\$488.00	day	18	\$8,784.00	\$2,300.00	\$700.00	\$2,000.00	\$1,630.00	\$1,500.00	\$654.00		\$6,484.00	
1	Staff	Design	\$488.00	day	28	\$13,664.00	\$1,800.00	\$1,000.00	\$5,000.00	\$4,500.00		\$864.00	\$500.00	\$11,864.00	
2	In-kind	Instream reconstruction of flood damaged streams	\$160,000.00	LS	1	\$160,000.00								\$0.00	
3	Staff	Volunteer project planning (vol recruitment & comm, planning, logistics, materials acquisition and staging)	\$350.00	day	76	\$26,600.00	\$5,000.00	\$2,000.00	\$8,800.00	\$8,200.00		\$1,600.00	\$1,000.00	\$21,600.00	
3	In-kind labor	Volunteer labor	\$23.56	vol/hr	2040	\$48,062.40								\$0.00	
3	In-kind labor	Youth event support from youth partners	\$2,291.00	LS	1	\$2,291.00								\$0.00	
3	Other Direct	Volunteer insurance, leader training, appreciation, volunteer community building	\$19.25	vol/day	240	\$4,620.00	\$1,000.00	\$500.00	\$1,300.00	\$1,300.00		\$520.00		\$3,620.00	
3	Other Direct	Tool purchase & maintenance	\$3.91	vol/day	240	\$939.27	\$300.00	\$50.00	\$200.00	\$206.00			\$183.27	\$639.27	
3	Other Direct	Volunteer appreciation	\$3.25	vol/day	240	\$780.00	\$200.00	\$50.00	\$150.00	\$186.80		\$193.20		\$580.00	
3	Materials	Bank Stabilization - Koirmat 700	\$4.45	SY	4,840	\$21,538.00	\$5,500.00	\$1,500.00	\$7,000.00	\$6,500.00		\$768.00	\$270.00	\$16,038.00	
3	Materials	Soil Amendments (Biosol, Humate, Innoculant)	\$1,265.00	Acre	16.0	\$20,240.00	\$2,800.00	\$1,200.00	\$7,740.00	\$5,500.00		\$2,000.00	\$1,000.00	\$17,440.00	
3	Materials	Native trees and shrubs	\$5.50	Each	1,800	\$9,900.00	\$1,800.00	\$800.00	\$3,500.00	\$2,600.00		\$800.00	\$400.00	\$8,100.00	
3	Materials	Wetland plants	\$2.40	Each	2,800	\$6,720.00	\$1,500.00	\$644.00	\$1,364.97	\$2,353.50		\$500.00	\$357.53	\$5,220.00	
3	Materials	Native willow and cottonwood cuttings	\$2.85	Each	3,200	\$9,120.00	\$2,400.00	\$800.00	\$2,500.00	\$2,860.00		\$560.00		\$6,720.00	
3	Materials	WoodStraw Mulch	\$3,200.00	Acre	15.0	\$48,000.00	\$7,060.00	\$2,500.00	\$14,000.00	\$15,860.00		\$6,290.80	\$2,289.20	\$40,940.00	
3	Materials	Native seed	\$525.00	Acre	16.0	\$8,400.00	\$1,000.00	\$400.00	\$1,300.00	\$1,500.00				\$3,200.00	
3	Materials	Food for volunteers	\$7.50	vol/day	180	\$1,350.00	\$400.00	\$200.00	\$500.00			\$250.00		\$950.00	
3	Transportation	Tool truck rental and fuel	\$150.00	day	8	\$1,200.00	\$300.00	\$100.00	\$500.00	\$300.00				\$900.00	
3	Transportation	WRV staff mileage	\$0.55	miles	600	\$330.00	\$100.00	\$30.00	\$132.90	\$67.10				\$230.00	
3	Contracted	Backhoe, skidsteer (with operator)	\$1,000.00	day	10	\$10,000.00	\$2,750.00	\$1,000.00	\$3,000.00	\$3,250.00				\$7,250.00	
3	Contracted	Youth Corps Crew	\$6,800.00	weeks	3	\$20,400.00	\$6,040.00	\$2,356.00	\$5,600.00	\$6,404.00				\$14,360.00	
4	Staff	Volunteer project planning (vol recruitment & comm, planning, logistics, sawyer crew leadership, materials coordination, photo documentation, project eval)	\$320.00	day	24	\$7,680.00	\$1,500.00		\$1,400.00		\$4,780.00			\$6,180.00	
4	In-kind labor	Volunteer labor	\$23.56	vol/hr	600	\$14,136.00								\$0.00	
4	Materials	Food for volunteers	\$7.50	vol/day	90	\$675.00	\$300.00		\$200.00		\$175.00			\$375.00	
4	Other Direct	Volunteer insurance, leader training, appreciation, volunteer community building	\$19.25	vol/day	90	\$1,732.50	\$300.00	\$100.00	\$300.00	\$455.00	\$577.50			\$1,432.50	
4	Other Direct	Tool purchase & maintenance	\$3.91	vol/day	90	\$352.23	\$100.00	\$20.00	\$60.00	\$72.00	\$100.23			\$252.23	
4	Other Direct	Volunteer appreciation	\$3.25	vol/day	90	\$292.50	\$50.00	\$20.00	\$89.63	\$65.60	\$67.27			\$242.50	
4	Transportation	Tool truck rental and fuel	\$150.00	day	2	\$300.00	\$80.00	\$20.00	\$100.00	\$100.00				\$220.00	
4	Transportation	WRV staff mileage	\$0.55	miles	150	\$82.50	\$20.00	\$10.00	\$22.50	\$30.00				\$62.50	
4	Equipment Rental	Chipper rental	\$300.00	day	6	\$1,800.00	\$1,000.00		\$800.00					\$800.00	
5	Staff	Photo documentation of vegetation response and weed management	\$320.00	day	12	\$3,840.00	\$2,000.00		\$1,840.00					\$1,840.00	
5	Contracted	Contracted herbicide treatment of weeds	\$600.00	Acre	8	\$4,800.00	\$2,400.00		\$1,600.00		\$800.00			\$2,400.00	
TOTAL						\$458,629.40	\$50,000.00	\$16,000.00	\$71,000.00	\$63,940.00	\$8,000.00	\$15,000.00	\$6,000.00	\$179,940.00	

**EXHIBIT B Budget: WRV South Platte Basin Proposal**

- Summary of Tasks
- 1

Planning, Design & Management
- 2

Instream Reconstruction of flood damaged streams
- 3

Riparian Revegetation
- 4

Phreatophyte Removal (primarily Tamarisk)
- 5

Monitoring & Post treatment

			In-Kind Match					Total In-Kind Match
Task	Expense Category	Description	WRV	USFS	Longmont	Little Thompson Coalition	Youth Partners	
1	Staff	Project management and administration by WRV						\$0.00
1	Staff	Design						\$0.00
2	In-kind	Instream reconstruction of flood damaged streams			\$75,000.00	\$85,000.00		\$160,000.00
3	Staff	Volunteer project planning (vol recruitment & comm, planning, logistics, materials acquisition and staging)						\$0.00
3	In-kind labor	Volunteer labor	\$48,062.40					\$48,062.40
3	In-kind labor	Youth event support from youth partners					\$2,291.00	\$2,291.00
3	Other Direct	Volunteer insurance, leader training, appreciation, volunteer community building						\$0.00
3	Other Direct	Tool purchase & maintenance						\$0.00
3	Other Direct	Volunteer appreciation						\$0.00
3	Materials	Bank Stabilization - Koirmat 700						\$0.00
3	Materials	Soil Amendments (Biosol, Humate, Innoculant)						\$0.00
3	Materials	Native trees and shrubs						\$0.00
3	Materials	Wetland plants						\$0.00
3	Materials	Native willow and cottonwood cuttings						\$0.00
3	Materials	WoodStraw Mulch						\$0.00
3	Materials	Native seed		\$4,200.00				\$4,200.00
3	Materials	Food for volunteers						\$0.00
3	Transportation	Tool truck rental and fuel						\$0.00
3	Transportation	WRV staff mileage						\$0.00
3	Contracted	Backhoe, skidsteer (with operator)						\$0.00
3	Contracted	Youth Corps Crew						\$0.00
4	Staff	Volunteer project planning (vol recruitment & comm, planning, logistics, sawyer crew leadership, materials coordination, photo documentation, project eval)						\$0.00
4	In-kind labor	Volunteer labor	\$14,136.00					\$14,136.00
4	Materials	Food for volunteers						\$0.00
4	Other Direct	Volunteer insurance, leader training, appreciation, volunteer community building						\$0.00
4	Other Direct	Tool purchase & maintenance						\$0.00
4	Other Direct	Volunteer appreciation						\$0.00
4	Transportation	Tool truck rental and fuel						\$0.00
4	Transportation	WRV staff mileage						\$0.00
4	Equipment Rental	Chipper rental						\$0.00
5	Staff	Photo documentation of vegetation response and weed management						\$0.00
5	Contracted	Contracted herbicide treatment of weeds						\$0.00
TOTAL			\$62,198.40	\$4,200.00	\$75,000.00	\$85,000.00	\$2,291.00	\$228,689.40