

**Water Supply Reserve Fund
Water Activity Summary Sheet
March 11-12, 2020
Agenda Item 23(k)**

Applicant & Grantee: Terrace Irrigation Company
Water Activity Name: Alamosa River Water Delivery Improvement Project
Water Activity Purpose: Ag & M/I - Implementation
County: Conejos
Drainage Basin: Rio Grande
Water Source: Alamosa River
Amount Requested: \$15,000 Rio Grande Basin Account
\$90,000 Statewide Account
\$105,000 Total Request

Matching Funds: Basin Account Match = \$15,000
• 17% of statewide request (meets 10% min)
Applicant & 3rd Party Match = \$55,000
• 51% of the statewide request (meets 10% min)
Total Match (Basin & Applicant) = \$70,000
• 78% of the statewide request (meets 50% min)

Staff Recommendation:
Staff recommends approval of up to \$15,000 from the Rio Grande Basin Account and up to \$90,000 from the Statewide Account to help fund the project: Alamosa River Water Delivery Improvement Project.

Water Activity Summary: WSRF Funds, if approved will assist Terrace Irrigation Company and the Alamosa La-Jara Water Conservancy District: remove and replace an existing head gate on the Main Canal; install automatic controllers on headgates on the Main Canal and Canal Creek; and purchase and install five or more satellite recorders on Alamosa River Diversions. The diversions along the Alamosa River are currently diverted with deteriorating and out-of-date headgates.

Discussion: This effort will assist the Rio Grande Basin Roundtable meet their needs as identified in the Rio Grande Basin Implementation Plan, such as; Sustain the confined and unconfined aquifers in accordance with Senate Bill 04-222 and operate within the State Engineer's new Rules and Regulations for the San Luis Valley; Operate, maintain, rehabilitate, and create necessary infrastructure to meet the Basin's long-term water needs, including storage; Manage water use to sustain optimal agricultural economy through the Basin's communities; Promote water management and administrative practices that are adaptive, flexible, and responsive to optimize multiple benefits. In addition, this effort will assist Colorado's Water Plan achieve the Critical Actions called for in Chapter 10, such as; maintain agricultural viability, and support agricultural conservation and efficiency.

Issues/Additional Needs: None.

Eligibility Requirements: The application meets requirements of all eligibility components.

Evaluation Criteria: Staff has determined this activity satisfies the Evaluation Criteria.

Funding Sources/Match	Cash	In-kind	Total	Status
Terrace Irrigation Company	\$30,000	\$0	\$30,000	Secured
Alamosa-La Jara Water Conservancy District	\$25,000	\$0	\$25,000	Secured
Sub-total	\$55,000	\$0	\$55,000	
WSRF Rio Grande Basin Account	\$15,000	\$0	\$15,000	Secured
Sub-total	\$70,000	\$0	\$70,000	
WSRF Statewide Account	\$90,000	n/a	\$90,000	
Total Project Costs	\$160,000	\$0	\$160,000	

CWCB Project Manager: Craig Godbout



The Rio Grande Inter-Basin Roundtable
623 4th Street, Alamosa, Colorado 81101

January 15, 2020

Alexander Funk
Agricultural Water Resources Specialist
Colorado Water Conservation Board
1313 Sherman St, Room 718, Denver, CO 80203

RE: Roundtable Recommendation Letter for Terrace Irrigation Company Inc.,
Water Activity: Alamosa River Water Delivery Improvement Project

Dear Colorado Water Conservation Board Members,

The Rio Grande Basin Roundtable unanimously approved the grant application for the Terrace Irrigation Company, Inc., at its regular meeting on January 14, 2020.

The project requests \$15,000 from the basin account and \$90,000 from the State-wide account for total grant funding of \$105,000. Total Project Costs are \$160,000. The request will go before the CWCB board in March.

Matching funds in the amount of \$25,000 are being provided by the Alamosa - La Jara Water Conservancy District. Additional matching funds of \$30,000 are being provided by the Terrace Irrigation Company meeting the 25% match requirement for the RGBRT. Letters of commitment for matching funds are attached to the application.

Full support has also been received by the Rio Grande Water Conservation District's Special Sub-district Number 6, which stores water in the Terrace Reservoir and delivers water to the Alamosa River to replace depletions from well pumping. Their letter of support is attached to the application.

The Terrace Irrigation Company's Water Activity satisfies statutory eligibility requirements because: This project is for the purpose of assuring the timely maintenance of the operating structures of the Alamosa River which provides water for agricultural irrigation uses, instream flow water, municipal and commercial augmentation water.

The project meets the following goals and needs.

This water activity supports the goals of the Colorado Water Plan, the Statewide Water Supply Initiative and WSRF Criteria and Guidelines especially:

D. Agriculture: Maintain Agricultural Viability: Maintain Colorado's agricultural productivity, support of rural economies, and food security.



The Rio Grande Inter-Basin Roundtable
623 4th Street, Alamosa, Colorado 81101

CRITICAL AGRICULTURE ACTIONS

3. Provide grants, loans, and technical support to update and improve Colorado's aging agricultural infrastructure, especially where improvements provide multiple benefits. 6.5, 6.3.4 CWCB, BRTs, agricultural partners, other stakeholders.

The water activity supports the goals of the Rio Grande Basin Round Table especially:

Number 3. Sustain the confined and unconfined aquifers in accordance with Senate Bill 04-222 and operate with the State Engineer's new Rules and Regulations for the San Luis Valley.

Number 4. Operate, maintain, rehabilitate, and create necessary infrastructure to meet the Basin's long-term water needs, including storage.

Number 5. Manage water use to sustain optimal agricultural economy throughout the Basin's communities.

Number 10. Promote water management and administrative practices that are adaptive, flexible, and responsive to optimize multiple benefits.

The water activity is consistent with Section 37-75-102 Colorado Revised Statutes. Terrace Irrigation Company is an eligible entity, being a 501 (c) (12); the Project requests funding for eligible water activities, which include "structural and/or nonstructural water project or activity".

All members of the Roundtable voted in favor of the application. The roundtable members agreed that this project will improve accuracy, efficiency and transparency of water delivery on the Alamosa River for all water right holders including the Alamosa Riverkeeper who is in support of the project and provided a letter of support which is attached. There were no negative comments or questions.

The Rio Grande Basin Roundtable hereby recommends this grant for approval.

Sincerely,

Nathan Combs
Rio Grande Basin Roundtable, Chair



Last Update: July 31, 2018

Colorado Water Conservation Board
Water Supply Reserve Fund Grant Application

Instructions

All WSRF grant applications shall conform to the current [2016 WSRF Criteria and Guidelines](#).

To receive funding from the WSRF, a proposed water activity must be approved by a Roundtable(s) **AND** the Colorado Water Conservation Board (CWCB). The process for Roundtable consideration and recommendation is outlined in the 2016 WSRF Criteria and Guidelines. The CWCB meets bimonthly according to the schedule on page 2 of this application.

If you have questions, please contact the current CWCB staff Roundtable liaison:

Arkansas

Ben Wade
ben.wade@state.co.us
303-866-3441 x3238

**Gunnison | North Platte |
South Platte | Yampa/White**

Craig Godbout
craig.godbout@state.co.us
303-866-3441 x3210

**Colorado | Metro | Rio Grande |
Southwest**

Megan Holcomb
megan.holcomb@state.co.us
303-866-3441 x3222

WSRF Submittal Checklist (Required)
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X	I acknowledge this request was recommended for CWCB approval by the sponsoring roundtable.
X	I acknowledge I have read and understand the 2016 WSRF Criteria and Guidelines .
X	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract . ⁽¹⁾
Application Documents	
X	Exhibit A: Statement of Work ⁽²⁾ (<i>Word – see Template</i>)
X	Exhibit B: Budget & Schedule ⁽²⁾ (<i>Excel Spreadsheet – see Template</i>)
X	Letters of Matching and/or Pending 3 rd Party Commitments ⁽²⁾
	Map ⁽²⁾
X	Photos/Drawings/Reports
X	Letters of Support
Contracting Documents ⁽³⁾	
X	Detailed/Itemized Budget ⁽³⁾ (<i>Excel Spreadsheet – see Template</i>)
X	Certificate of Insurance ⁽⁴⁾ (<i>General, Auto, & Workers' Comp.</i>)
X	Certificate of Good Standing ⁽⁴⁾
X	W-9 Form ⁽⁴⁾
	Independent Contractor Form ⁽⁴⁾ (<i>If applicant is individual, not company/organization</i>)
X	Electronic Funds Transfer (ETF) Form ⁽⁴⁾

(1) Click "Grant Agreements". For reference only/do not fill out or submit/required for contracting

(2) Required with application if applicable.

(3) Additional documentation providing a Detailed/Itemized Budget maybe required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

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

Last Update: July 31, 2018

Schedule		
CWCB Meeting	Application Submittal Dates	Type of Request
January	December 1	Basin Account; BIP
March	February 1	Basin/Statewide Account; BIP
May	April 1	Basin Account; BIP
July	June 1	Basin Account; BIP
September	August 1	Basin/Statewide Account; BIP
November	October 1	Basin Account/BIP

Desired Timeline	
Desired CWCB Hearing Month:	March
Desired Notice to Proceed Date:	April

Water Activity Summary		
Name of Applicant	Terrace Irrigation Company, Inc.	
Name of Water Activity	Alamosa River Water Delivery Improvement Project	
Approving Roundtable(s)	Basin Account Request(s) ⁽¹⁾	
Rio Grande Basin Roundtable	\$15,000	
Basin Account Request Subtotal	\$15,000	
Statewide Account Request ⁽¹⁾	\$90,000	
Total WSRF Funds Requested (Basin & Statewide)	\$105,000	
Total Project Costs	\$160,000	

(1) Please indicate the amount recommended for approval by the Roundtable(s)



Last Update: July 31, 2018

Grantee and Applicant Information	
Name of Grantee(s)	Terrace Irrigation Company, Inc.
Mailing Address	P.O. Box 109
FEIN	84-0412531
Grantee's Organization Contact ⁽¹⁾	Virginia Christensen
Position/Title	Board Member
Email	Forage1@gojade.org
Phone	719-580-2562
Grant Management Contact ⁽²⁾	<u>Kay Harmon, or Virginia Christensen</u>
Position/Title	Bookkeeper, or Secretary/Treasurer
Email	Kaysbooksr4u@gmail.com
Phone	719-852-5638. Cell (719-850-3237)
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	

(1) Person with signatory authority: Kent Reinhardt, President: Virginia Christensen, Secretary/Treasurer

(2) Person responsible for creating reimbursement invoices (Invoice for Services) and corresponding with CWCB staff: Kay Harmon, Bookkeeper

Description of Grantee
Provide a brief description of the grantee's organization (100 words or less).
<p>Terrace Irrigation Company was incorporated in the 1940's. The company is a 501-C-12 nonprofit irrigation corporation with approximately 24 shareholders and about 9,000 acres of farmland under irrigation. Terrace Irrigation Company, Inc. is the owner of Terrace Reservoir which was built in the early 1900's on the main stem of the Alamosa River. At that time, it was the largest earthen dam in the U.S.</p> <p>Terrace Irrigation Company delivers surface water to the shareholders from two sources: 1.) direct flow from the Alamosa River with various priorities; and 2.) stored winter flows and peak runoff during the irrigation season. This stored water is appropriated to each shareholder according to their number of shares. Each shareholder can call for their water as needed for each individual farming operation.</p>



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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
X	Private Incorporated: mutual ditch companies, homeowners associations, corporations
	Private Individuals, Partnerships, and Sole Proprietors: are eligible for funding from the Basin Accounts but not for funding from the Statewide Account.
	Non-governmental organizations: broadly, any organization that is not part of the government
	Covered Entity: as defined in Section 37-60-126 Colorado Revised Statutes

Type of Water Activity (check one)	
	Study
X	Implementation

Category of Water Activity (check all that apply)		
	Nonconsumptive (Environmental)	
	Nonconsumptive (Recreational)	
X	Agricultural	
X	Municipal/Industrial	
	Needs Assessment	
	Education & Outreach	
X	Other	Explain: Water Administration

Location of Water Activity	
Please provide the general county and coordinates of the proposed activity below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	Conejos
Latitude	37.3566723
Longitude	-106.2864214



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Water Activity Overview

Please provide a summary of the proposed water activity (200 words or less). Include a description of the activity and what the WSRF funding will be used for specifically (e.g. studies, permitting, construction). Provide a description of the water supply source to be utilized or the water body affected by the activity. 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, area of habitat improvements. 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, and Schedule.

This project is a collaborative effort between the Terrace Irrigation Company and the Alamosa-La Jara Water Conservancy District. The Alamosa-La Jara Water Conservancy District states that their primary services provided are to administer funds received for water quality, conservation purposes, and river maintenance and restoration. The Alamosa-La Jara Water Conservancy District covers approximately 14,800 acres; most of which is serviced by the Alamosa River. This area is mostly comprised of alfalfa, barley, oats, and other small grains and forage crops.

The diversions along the Alamosa River are currently manually diverted with head gates that are out of date and deteriorated. The project will replace the head gate on the Main Canal, install automatic controllers on the Main and Creek Canal and place satellite recording devices on 5 of the larger upstream diversion structures. With this project, the Alamosa River will be administered more accurately for the benefit of all stakeholders involved including the Alamosa River Keepers, the Town of Jasper, Expo Inc. and other water users along the river.

The project will upgrade diversion structure controllers, recording devices, and the main canal structure. The Terrace Irrigation Company, Inc., will obtain bids on the project and administer grant funds in cooperation with the Alamosa-La Jara Water Conservancy District.

Measurable Results

To catalog measurable results achieved with WSRF funds please provide any of the following values.

	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)	
	Area of Restored or Preserved Habitat (acres)	
	Length of Pipe/Canal Built or Improved	
2 automatic head gates, 5 satellite recorders and cement diversion	Other	Explain: Efficiency Savings: installation of head gates, and recorders to improve accuracy of delivery on Alamosa River Diversions

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Water Activity Justification

Provide a description of how this water activity supports the goals of [Colorado's Water Plan](#), the most recent [Statewide Water Supply Initiative](#), and the respective [Roundtable Basin Implementation Plan and Education Action Plan](#) ⁽¹⁾. 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).

For applications that include a request for funds from the Statewide Account, the proposed water activity shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan criteria for state support (CWP, Section 9.4, pp. 9-43 to 9-44;) (Also listed pp. 4-5 in [2016 WSRF Criteria and Guidelines](#)).

Rio Grande Basin Implementation Plan and Education Action Plan (rgbrt.org/funding-opportunities)

Number 3. Sustain the confined and unconfined aquifers in accordance with Senate Bill 04-222 and operate within the State Engineer's new Rules and Regulations for the San Luis Valley.

This project will assist in accurate delivery of augmentation water for the Expo and Jasper Augmentation waters which are currently delivered through the Alamosa river diversion system for commercial and municipality needs. Terrace Irrigation Company has dedicated 2000-acre feet of storage to CWCB (Alamosa River Foundation) instream flow water. The instream flow water is released after the end of the irrigation season at the direction of the Division Engineer and the Alamosa Riverkeeper and CWCB. The company also stores and delivers augmentation water owned by the Town of Jasper for residential well augmentation, and Expo, Inc. for their commercial well augmentation. Subdistrict owned water is now stored and released to replace depletions to the Alamosa River and delivered to the Senior Ditches though the year. Timely, accurate delivery are very important to the subdistrict replacement plans and augmentation plans.

Number 4. Operate, maintain, rehabilitate, and create necessary infrastructure to meet the Basin's long-term water needs, including storage.

The project will maintain and improve current structures and diversions in order to create a more efficient system along the Alamosa River. The project will replace the Main Canal head gate structure with a new cement structure. The project will also install automatic controllers on the Main Canal head gate and Creek Canal head gate. Satellite recording devices are in use on the Main Canal and the Creek Canal head gates. Satellite recording devices will be provided for five of the largest or more senior priority head gates, such as the El Viego, Valdez, Capulin, Gabino-Gallegos, and Cristobal Revera diversions. If fund are available, satellite recorders will be offered to other large senior diversions such as the Ramona and Miller.

Number 5. Manage water use to sustain optimal agricultural economy through the Basin's communities.

The project will assist in timely and accurate delivery of water along the Alamosa River. The area is predominantly agricultural land with farms and ranches. Timely delivery is key to raising crops in this arid environment. Surface water is a major resource for this area's economy.

Number 10. Promote water management and administrative practices that are adaptive, flexible, and responsive to optimize multiple benefits.

The Terrace Irrigation Company feels it is important to use the best administrative practices in order to control water flows accurately even when water flows vary drastically from day to day. Installing the automatic head gates as well as the satellite recording devices will decrease errors when large debris unexpectedly gets released and changes flows throughout the river. The satellite recording devices will allow the River Commissioner, superintendent and water users to access real-time data.



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Water Activity Justification

This water activity supports the goals of the **Colorado Water Plan, the Statewide Water Supply Initiative and WSRF Criteria and Guidelines** especially:

D. Agriculture: Maintain Agricultural Viability: Maintain Colorado's agricultural productivity, support of rural economies, and food security.

CRITICAL AGRICULTURE ACTIONS

3. Provide grants, loans, and technical support to update and improve Colorado's aging agricultural infrastructure, especially where improvements provide multiple benefits. 6.5, 6.3.4 CWCB, BRTs, agricultural partners, other stakeholders

(1) Access Basin Implementation Plans or Education Action Plans from Basin drop down menu.

Matching Requirements: Basin Account Requests

Basin (only) Account grant requests require a 25% match (cash and/or in-kind) from the Applicant or 3rd party and shall be accompanied by a **letter of commitment** as described in the 2016 WSRF Criteria and Guidelines (submitted on the contributing entity's letterhead). Attach additional sheet if necessary.

Contributing Entity	Amount and Form of Match (note cash or in-kind)



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Matching Requirements: Basin Account Requests	
Total Match	
If you requested a Waiver to the Basin Account matching requirements, indicate the percentage you wish waived.	N/A

Matching Requirements: Statewide Account Requests	
Statewide Account grant requests require a 50% match as described in the 2016 WSRF Criteria and Guidelines. A minimum of 10% match shall be from Basin Account funds (cash only). A minimum of 10% match shall be provided by the applicant or 3rd party (cash, in-kind, or combination). The remaining 30% of the required match may be provided from any other source (Basin, applicant, or 3 rd party) and shall be accompanied by a letter of commitment . Attach additional sheet if necessary.	
Contributing Entity	Amount and Form of Match (note cash or in-kind):
Alamosa-La Jara Water Conservancy District	\$25,000.00
Terrace Irrigation Company, Inc	\$30,000.00
Rio Grande Basin Roundtable	\$15,000.00
Total Match	\$70,000.00
If you requested a Waiver to the Statewide Account matching, indicate % you wish waived. (Max 50% reduction of requirement).	N/A

Related Studies
Please provide a list of any related studies, including if the water activity is complimentary to or assists in the implementation of other CWCB programs.

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Related Studies

Under contract to the Colorado Water Conservation Board, the Alamosa River Watershed Restoration Master Plan Environmental Assessment Final Report was produced. The incentive for the Master Plan was provided by a legal settlement over impacts of the Summitville Mine Superfund Site. That settlement also provided funding for the study and mitigation measures to be developed by the Master Plan. The scope of the Master Plan includes the entire watershed and covers a broad array of natural resources and watershed functions and values. The result is a multi-disciplinary approach to watershed assessment that has produced a prioritized plan for watershed restoration and enhancement. Specific projects are identified, along with potential financing sources, including funds from the Summitville legal settlement. The Master Plan is available at: <http://mountainprairie.fws.gov/nrda/summitvilleColo/Summitville.htm>.

Previous CWCB Grants

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

Name	Project	Basin	App. Date	Contract #	
Terrace Irrigation Company	Outlet Works Inspection and Repair Analysis, Phase I	RGBRT	3/01/2018	POGG1/CTGG1#:20193 1	Current
Terrace Irrigation Company	Spillway Replacement Project	RGBRT	3/20/2012	C150332	Current
Terrace Irrigation Company	Repair Gate & Replace Trash Rack	RGBRT	3/17/2004	C150171	Refinanced
Terrace Irrigation Company	Ditch Lining Project	RGBRT	2/14/1992	C153606	Refinanced

Tax Payer Bill of Rights

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

N/A

Last Update: July 31, 2018



Main Canal Head gate showing deterioration from corrosion



Last Update: January 9, 2018

Colorado Water Conservation Board	
Water Supply Reserve Fund	
<u>Exhibit A - Statement of Work</u>	
Date:	
Water Activity Name:	Alamosa River Water Delivery Improvement Project
Grant Recipient:	Terrace Irrigation Company, Inc.
Funding Source:	Rio Grande Basin Round Table and Statewide Water Supply Reserve Fund
Water Activity Overview: (Please provide brief description of the proposed water activity (no more than 200 words). Include a description of the overall water activity and specifically what the WSRF funding will be used for.) <p>This project is a collaborative effort between the Terrace Irrigation Company and the Alamosa-La Jara Water Conservancy District. The Alamosa-La Jara Water Conservancy District states that their primary services provided are to administer funds received for water quality, conservation purposes, and river maintenance and restoration. The Alamosa-La Jara Water Conservancy District covers approximately 14,800 acres; most of which is serviced by the Alamosa River. This area is mostly comprised of alfalfa, barley, oats, and other small grains and forage crops.</p> <p>The diversions along the Alamosa River is currently manually diverted with head gates that are out of date. With this project, the Alamosa River will be administered more accurately for the benefit of all stakeholders involved. The project will upgrade diversion structure controllers, recording devices, and the main canal structure. The Terrace Irrigation Company, Inc., will obtain bids on the project and administer grant funds in cooperation with the Alamosa-La Jara Water Conservancy District.</p>	
Objectives: (List the objectives of the project)	
<p>Removal and replacement of the Main Canal Structure. Replacement of head gate with automatic radial gate.</p> <p>Replacement of Creek Canal head gate and manual control with automated controller.</p> <p>Installation of satellite recording devices on 5 senior priority and/or large diversions on the river.</p>	



Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
<u>Task 1 - (Name) Head gate replacement</u>
Description of Task: Replace current head gate structure with cement diversion structure and radial and straight gates on the Main Canal.
Method/Procedure: Local contractors will remove the old diversion structure and head gate at the Main Canal and replace the diversion structure and install new radial and straight head gates.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) Properly functioning diversions and smaller adjustments for more accurate delivery of water.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) A report and pictures showing new structure.



Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
<u>Task 2 - (Name) Automatic Controller installation</u>
Description of Task:
Installation of automatic controllers on head gates of the Creek Canal and Main Canal.
Method/Procedure:
Local contractors will install automatic controllers on the Creek Canal and Main Canal.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Timely adjustment and reaction to water events within the Alamosa River which will improve accuracy of water delivery.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
A report and pictures showing controllers on head gates.



Last Update: January 9, 2018

Tasks
Provide a detailed description of each task using the following format:
<u>Task 3 - (Name) Installation of Satellite Recorders</u>
Description of Task: Purchase and install five or more satellite recorders on Alamosa River Diversions. Install stilling wells where needed. Modernize head gates to compliment recorders.
Method/Procedure: Local contractors will install five satellite recorders on the upstream senior priority and/or large diversions along the Alamosa River.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) More timely data collection and better ability for superintendents to respond to water events.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) A report and pictures of satellite recorders on head gates.

Repeat for Task 3, Task 4, Task 5, etc.

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Budget and Schedule

Exhibit B - 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. A separate excel formatted Budget is required for engineering costs to include rate and unit costs.

Reporting Requirements

Progress Reports: The grantee 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. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.

Final Report: At completion of the project, the grantee shall provide the CWCB a Final Report on the grantee'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.

Payments

Payment will be made based on actual expenditures, must include invoices for all work completed and must be on grantee's letterhead. 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.

The CWCB will pay the last 10% of the entire water activity 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 water activity and purchase order or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to CWCB within 90 days of the expiration of a purchase order or contract may be denied consideration for future funding of any type from CWCB.

Performance Requirements

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 deliverable is completed to the satisfaction of CWCB staff. Once the final deliverable has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per the 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 the 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.

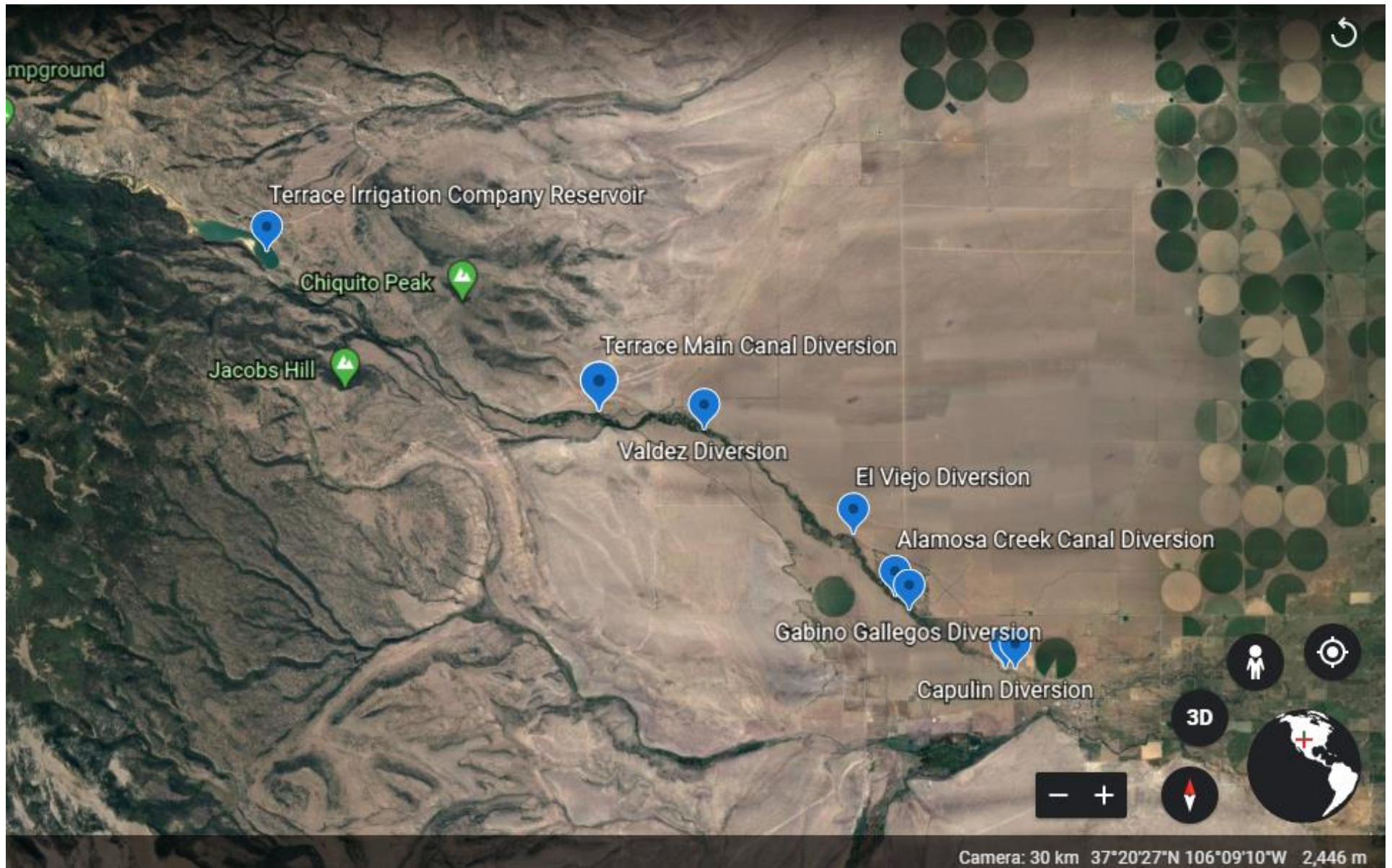
EXHIBIT B - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs

Water Activity Name: Alamosa River Water Delivery Improvement Project

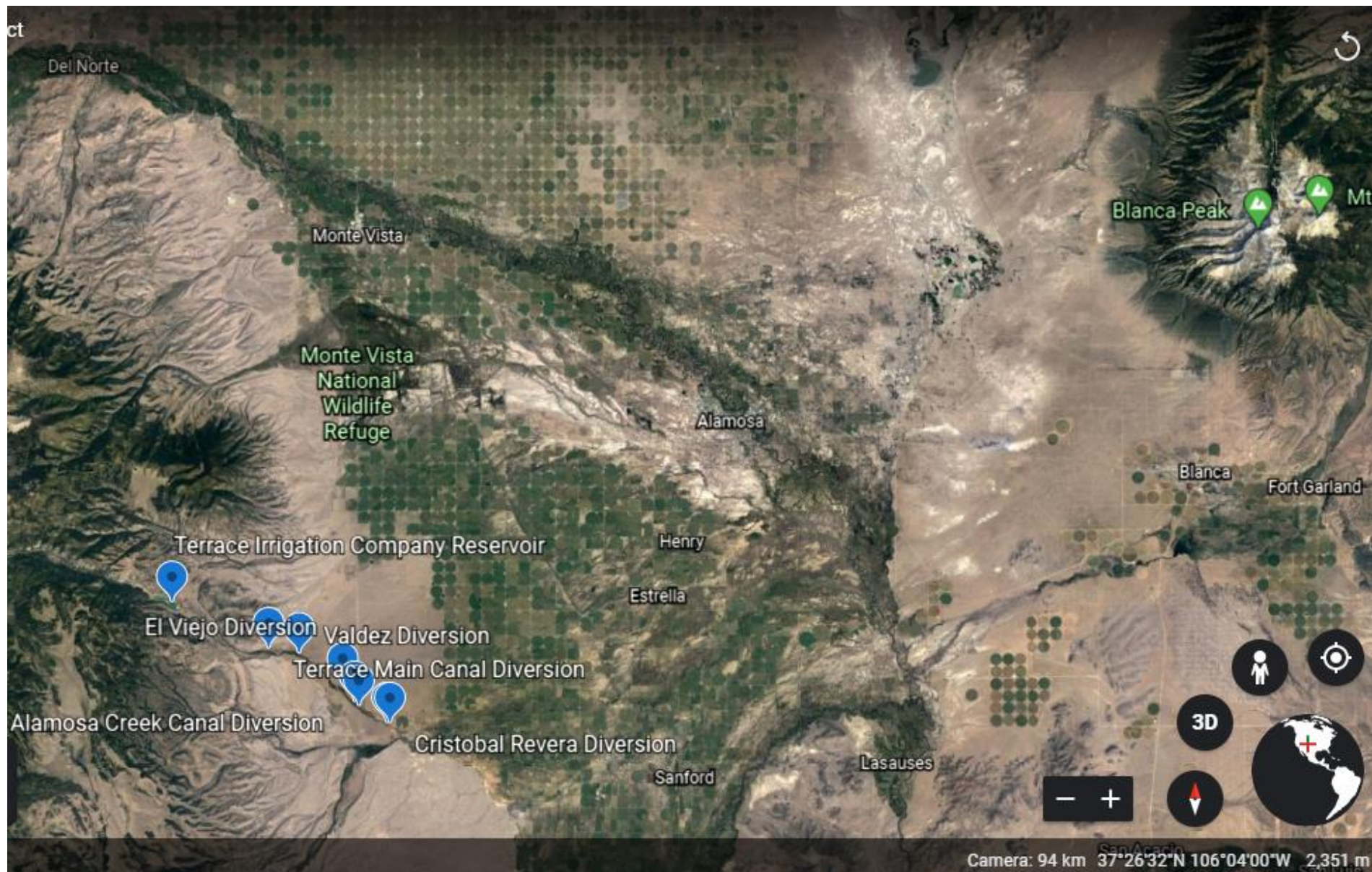
[illegible]

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment has been issued, the water activity and purchase order (PO) or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to the CWCB with 90 days of the expiration of the PO or contract may be denied consideration for future funding of any type from the CWCB.

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Alamosa River Water Delivery Improvement Project Map



Alamosa River Water Delivery Improvement Project Vicinity Map

Alamosa – La Jara Water Conservancy District
Dwight Martin, President
17121 County Road W.5
La Jara, CO 81140

January 4, 2020

Rio Grande Basin Round Table
623 Fourth St
Alamosa, CO 81101

RE: Letter of commitment and support of \$25,000 for Alamosa River Delivery Improvement Project

Dear Sirs:

The Alamosa - La Jara Water Conservancy District wishes to support the Terrace Irrigation Company with this project to improve the Alamosa River Delivery system. The District feels that the project will help water delivery efficiency along the whole river. The District agrees that this work is a necessary step to help with the accuracy of delivery for the water owners, subdistricts, augmentation water right holders and instream flow water rights.

On November 7, 2019, the Alamosa - La Jara Water Conservancy District Board agreed to contribute \$25,000 to the project as matching funds for the Rio Grande Basin and Colorado Water Conservation Board grant funding.

Sincerely,

A handwritten signature in black ink, appearing to read "Dwight Martin", written in a cursive style.

Dwight Martin
Alamosa-La Jar Water Conservancy President

Alamosa Riverkeeper
PO Box 753
La Jara, CO 81140
cmariver01@gmail.com

January 7, 2020

Nathan Coombs, Chair
Rio Grande Basin Roundtable
623 East 4th Street
Alamosa, CO 81101

Dear Nathan:

Alamosa Riverkeeper (ARK) fully supports the funding application for the Alamosa River Water Delivery Improvement Project sponsored by Terrace Irrigation Company, Inc.

In the past, challenges have existed in determining the amount of water stored for the instream flow water. The proposed installation of sutron recording devices will directly impact the administration of the instream flow water that is stored at Terrace Reservoir. More accurate administration of the river will be provided while allowing more transparency for water users on the Alamosa River. The installation of these recording devices will help guarantee that the instream flow water is only being used for the development of a fishery, replenishing the aquifer, and for the river's habitat.

I applaud Terrace Irrigation Company for helping the water users on the Alamosa River receive accurate information and for seeking matching funds for this application.

I encourage the members of the Roundtable to vote "yes" on this important project.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Cindy Medina". The signature is fluid and cursive, with the first name "Cindy" and last name "Medina" clearly distinguishable.

Cindy Medina
Alamosa Riverkeeper



Rio Grande Water Conservation District Special Improvement District No. 6

8805 Independence Way • Alamosa, Colorado 81101

Phone: (719) 589-6301 • Fax: (719) 992-2026

Protecting & Conserving San Luis Valley Water

November 13, 2019

Colorado Water Conservation Board
1313 Sherman St., Room 719
Denver, CO 80203

Rio Grande Basin Roundtable
623 Fourth Street
Alamosa, CO 81101

Re: Request for Funding; Alamosa River Water Delivery Improvement Project

Dear Members of the Colorado Water Conservation Board and the Rio Grande Basin Roundtable,

As the President of the Board of Managers for Special Improvement District No. 6 of the Rio Grande Water Conservation District (Subdistrict #6), I am writing on behalf of the Board of Managers of Subdistrict #6 to state the Board's full support of the funding request of the Terrace Irrigation Company, in cooperation with the Alamosa-La Jara Water Conservancy District, for the Alamosa River Water Delivery Improvement Project. This funding request for Water Plan Grant Funds and/or Water Supply Reserve Funds is for assistance in improving the efficiency of a number of surface water delivery structures on the Alamosa River. These improvements will assist the Alamosa water users in improving the use and conservation of their surface water resources.

We hope the Colorado Water Conservation Board and Rio Grande Basin Roundtable will join us in supporting the Project by granting the funding request.

This Project will bring water users together to better manage the water resources available on the Alamosa River. This Project is a collaborative effort of a number of water users on the River who are seeking a way to implement strategies to better manage the water that is available to their farms and ranches in an effort to maintain their businesses and livelihoods and more accurately administer the River system. These efforts parallel the Subdistricts' goal to protect senior surface water rights and assure the accuracy of the Subdistrict's remedy of injurious stream depletions caused by groundwater withdrawals. This improved accuracy will help ensure that the replacement water or other remedy goes to the correct water user each day.

Please feel free to contact myself or our Program Manager, Amber Pacheco, if you have any questions or would like any additional information on why we fully support this request.

Sincerely,

A handwritten signature in black ink, appearing to read "Tyler Faucette", followed by a horizontal line.

Tyler Faucette
President, Special Improvement District No. 6 of the Rio Grande Water Conservation District