

CONTRACT AMENDMENT

Amendment No.3	Original Grant Agreement No. C154219 Original CMS No. 51454 Amendment No. 1 CMS No. 62308 Amendment No. 2 CMS No. 70001 Amendment No. 3 CMS No. 83711	CORE No. CT2015-73
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1) PARTIES

This AMENDMENT No.3 (AMENDMENT) to the above-referenced ORIGINAL GRANT AGREEMENT (hereinafter called the "ORIGINAL AGREEMENT") is entered into by and between **San Luis Valley Irrigation District** (hereinafter called "GRANTEE" or "CONTRACTOR"), and the State of Colorado (hereinafter called the "STATE") acting by and through the Department of Natural Resources, Colorado Water Conservation Board, (hereinafter called "CWCB").

2) EFFECTIVE DATE AND ENFORCEABILITY

This AMENDMENT shall not be effective or enforceable until it is approved and signed by the Colorado State Controller or designee (hereinafter called the "Effective Date"), but shall be effective and enforceable thereafter in accordance with its provisions. The State shall not be liable to pay or reimburse Grantee for any performance hereunder, including, but not limited to costs or expenses incurred, or be bound by any provision hereof prior to the Effective Date.

3) FACTUAL RECITALS

The Parties entered into the AGREEMENT to provide a number of long term water supply resolutions by developing a comprehensive, efficient water management plan of existing decreed water rights in and out of the Rio Grande Reservoir and other interconnected storage vessels that will result in a partnership among all beneficiaries of the Project. Additional funds are needed due to the complexity of the Cooperative Project and the many partners involved, including project management, redesign and the exchange of lands with the federal government. This AMENDMENT will increase the total loan amount by \$73,895 and extend the ORIGINAL AGREEMENT expiration date to December 31, 2019.

4) CONSIDERATION-COLORADO SPECIAL PROVISIONS

Consideration for this AMENDMENT to the ORIGINAL AGREEMENT consists of the payments that shall be made pursuant to this AMENDMENT and ORIGINAL AGREEMENT and the promises and agreements herein set forth.

The Parties acknowledge that the mutual promises and covenants contained herein and other good and valuable consideration are sufficient and adequate to support this AMENDMENT.

5) LIMITS OF EFFECT

This AMENDMENT is incorporated by reference into the ORIGINAL AGREEMENT, and the ORIGINAL AGREEMENT and all prior amendments thereto, if any, remain in full force and effect except as specifically modified herein.

6) MODIFICATIONS.

The ORIGINAL AGREEMENT, NUMBER CT2015-73 (C154219) and all prior amendments thereto, if any, are modified as follows:

- a) Increase the total loan amount by \$73,895, increasing the GRANT AGREEMENT total amount from \$391,215 to \$465,110. Amendment No.1 changed the total amount from \$239,360 to \$391,215.
- b) Extend the AGREEMENT end date to December 31, 2019.
- c) The GRANTEE agrees that it shall execute an AMENDMENT to the STATEMENT OF WORK, EXHIBIT A-2, AMENDMENT NO.3, ORIGINAL AGREEMENT, CT2015-73, incorporated herein, which shall replace and supersede the original STATEMENT OF WORK, EXHIBIT A attached to the ORIGINAL AGREEMENT and STATEMENT OF WORK, EXHIBIT A-1 attached to AMENDMENT 1 to the ORIGINAL AGREEMENT.

d) The revised SCOPE OF WORK shall revise Task 4-1d *Storage Accounts and Operations* to increase time and additional engineering.

e) Amend Paragraph 7A. *Payments to Contractor, Maximum Amount* to read:

The maximum amount payable under this AGREEMENT to Grantee by the State is \$465,110, as determined by the State from available funds. Payments to GRANTEE are limited to the unpaid obligated balance of the Contract set forth in **Exhibit A-2**. The maximum amount payable by the State to the Contractor during each State fiscal year of this Contract shall be:

\$239,360, payable in FY13
\$391,215 less the amount paid in FY13, is payable in FY14
\$391,215 less the amount paid in FY14, is payable in FY15
\$465,110 less the amount paid in FY15, is payable in FY16
\$465,110 less the amount paid in FY16, is payable in FY17
\$465,110 less the amount paid in FY17, is payable in FY18
\$465,110 less the amount paid in FY18, is payable in FY19
\$465,110 less the amount paid in FY19, is payable in FY20

7) EFFECTIVE DATE OF AMENDMENT

The effective date hereof is upon approval of the State Controller or their delegate.

8) ORDER OF PRECEDENCE

Except for the Special Provisions, in the event of any conflict, inconsistency, variance, or contradiction between the provisions of this AMENDMENT and any of the provisions of the ORIGINAL AGREEMENT, the provisions of this AMENDMENT shall in all respects supersede, govern, and control. The most recent version of the Special Provisions incorporated into the ORIGINAL AGREEMENT or any amendment shall always control other provisions in the ORIGINAL AGREEMENT or any amendments.

9) AVAILABLE FUNDS

Financial obligations of the state payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted, or otherwise made available.

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THE PARTIES HERETO HAVE EXECUTED THIS AMENDMENT

* Persons signing for Contractor hereby swear and affirm that they are authorized to act on Contractor's behalf and acknowledge that the State is relying on their representations to that effect.

San Luis Valley ^{A.D.}
CONTRACTOR
San Luis Irrigation District
Name: Randall K. Palmgren
Title: President

*Signature
Date: Aug 28th 2015

Attest: (SEAL)

Name: Amy Dean
Title: Secretary
Amy Dean
*Signature
Date: 8-28-15

STATE OF COLORADO
John W. Hickenlooper, Governor
Department of Natural Resources
Mike King, Executive Director
BY: [Signature]
Name: Tim Feehan, Deputy Director
Colorado Water Conservation Board
DATE: 9.1.15

ALL CONTRACTS REQUIRE APPROVAL BY THE STATE CONTROLLER

CRS §24-30-202 requires the State Controller to approve all State Contracts. This Contract is not valid until signed and dated below by the State Controller or delegate. Contractor is not authorized to begin performance until such time. If Contractor begins performing prior thereto, the State of Colorado is not obligated to pay Contractor for such performance or for any goods and/or services provided hereunder.

STATE CONTROLLER
Robert Jaros, CPA, MBA, JD
By: [Signature]
Susan Borup, Controller
Department of Natural Resources
Date: 10/8/15

Exhibit A-2
CT2015-73 (C154219)
Statement of Work
Rio Grande Cooperative Project
(Amended August 2015)

BACKGROUND

The San Luis Valley Irrigation District (SLVID) owns and operates the Rio Grande Dam and Reservoir on the Rio Grande in southwest Colorado. The dam is a 111-foot high earth and rock fill embankment with a crest elevation of 9470 feet. Key features of the project include the dam with a crest length of approximately 450 feet, an un-gated spillway at the right abutment of the dam, and a low level outlet that includes an 11-foot high by 15-foot wide tunnel with a multiple sluice gate control structure near the middle of the tunnel. The reservoir is approximately six miles in length and 0.50 miles in width, oriented in a roughly northwest-southeast direction and has a capacity of 52,192 acre-feet.

A comprehensive study for rehabilitation and/or enlargement of the dam and reservoir was conducted by D&A and CDM in 2007 and 2008 ("*Rio Grande Multi-Use Rehabilitation and Enlargement Study*," CDM, 2008). That study estimated costs of \$19.2 million for rehabilitation and \$33.2 million for enlargement. In addition, the District has previously conducted studies regarding operations of Rio Grande Reservoir. The Rio Grande Reservoir Multi-Use Project Studies (collectively "Multi-Use Studies") identified basin-wide benefits from the use of storage and re-operations of Rio Grande Reservoir. These studies also concluded that CPW can particularly benefit from storage in Rio Grande Reservoir as it relies upon storage to manage some of its water resources. In recent years, under a non-permanent lease agreement, CPW, the San Luis Valley Water Conservancy District and others have stored up to 10,000 AF of water in Rio Grande Reservoir. In addition, the benefits of compact storage for Rio Grande Compact compliance and basin administration were outlined. The Multi-Use Studies revealed that Rio Grande Reservoir must be rehabilitated in order to provide long-term regulation of CPW water rights and other basin water supplies as well as storage for compact compliance.

Construction of the dam began around 1908 with completion in 1914. The dam was constructed in a narrow valley between a massive volcanic formation known as Fish Canyon Tuff (at the right abutment) and a large rock slide that is a mixture of clays, sands, gravels, and large blocks of tuff (at the left abutment). The highly permeable rock slide material at the left abutment has been problematic since the first filling of the reservoir where seepage of the order of 1,500 gpm has been measured in the left abutment, with a total combined seepage of 2,500 gpm downstream of the dam. The seepage flow is responsive to reservoir elevation with flows increasing significantly at higher reservoir elevations (at gate 60 and above).

The dam was originally constructed with an unlined spillway at the right abutment. The spillway has been modified since its original construction by lengthening the crest of the spillway and lining the spillway deck and walls with concrete. A recent analysis on the spillway, performed by CDM in 2008, suggests that the spillway training walls are insufficient in height to pass the required 6,600 cfs design flow. The training wall height deficiencies exist at the entrance of the structure and continue throughout its length. The greatest concern with the spillway training wall heights exists on the left side. Any overflow of the left training walls has the potential to threaten the right abutment of the main dam. Based on the 2008 study, this appears at flows below the design flow of 6,600 cfs.

The dam safety and operational issues described above combined with the value of the reservoir for optimizing water use for multiple stakeholders in the basin have driven the District to move forward with the rehabilitation of the Rio Grande Dam and Reservoir. The District is a proponent of the Rio Grande

Cooperative Project where the District works with multiple stakeholders in the State, primarily the Colorado Water Conservation Board and the Colorado Division of Parks and Wildlife to restore the full use of the reservoir. The project is made up of final design, program/project management and three primary construction components that address structural and/or operational deficiencies of the Reservoir, as described below:

Final Design

The rehabilitation of Rio Grande Reservoir requires that the proposed improvements be designed, managed, and inspected by a professional registered engineer in the State of Colorado. The engineering firm selected to conduct this work will provide overall project management, surveying, geotechnical exploration, geotechnical and hydraulic analysis, and the final design of the spillway, clay blanket liner, bypass tunnel and outlet works. The engineering firm will also provide cost estimating, QA/QC for the project, respond to State Engineer comments and assist with bidding and award for the project. This work is currently being conducted by SLVID under Contract C154210 at a cost of \$1,256,134, under its sub-consultant – Deer and Ault Consultants.

Program/Project Management

The Rio Grande Cooperative Project involves the coordination and management of many different project components. Some of key project management issues that need to be addressed prior to the SLVID proceeding forward with construction, are 1) successful negotiation, feasibility analysis and exchange of land between the Forest Service and the SLVID, 2) storage accounts and operation modeling, 3) execution of storage agreements, and 4) overall stakeholder coordination and program management. The successful management of these key issues is vital to the overall success of the Project.

Primary Construction Components

1.) Upstream Clay Blanket - In order to reduce seepage through the rock slide formation at the left dam abutment, a clay blanket slope liner will be installed on the upstream side of the dam at the left abutment. The clay blanket, shown on Figure 1 in plan and Figure 2 in cross-section, will be a zoned fill placed over the rock slide and extending across the west abutment of the dam approximately 100 feet. The zones include a filter layer, low permeability clay core, and cover zone. This improvement is expected to substantially reduce seepage and allow full storage capability of the reservoir to be achieved. Clay liner materials will be obtained by borrowing and processing approximately 20,000 cubic yards of soil and rock material from reservoir property. These areas are described in Figure 1. Processing shall consist of screening various gradations from the existing landslide deposit, as described in Exhibit 1. The clay liner material for the construction component described above is currently being conducted under Contract C154213, under its sub-consultant – Brad Moore, at a cost of \$295,699.66.

2.) Low Level Outlet - The existing low level outlet will be replaced with a hollow jet valve discharge structure at the downstream side of the dam. The existing low level outlet tunnel will continue to be used to provide conveyance between the upstream and downstream portals. The existing sluice gate control structure will either be demolished or abandoned in-place with a bypass tunnel providing conveyance around the structure; this is shown on Figure 1. Schedule constraints for the work and the uncertainty of the demolition costs (for removal of existing sluice gate control structure) suggest that the construction bidding process may be the best way to determine the most economic solution. To that end, we recommend preparing the bidding documents with two options: Option 1 – Demolish Existing Sluice Gate Structure and Option 2 – Construct Bypass Tunnel and Abandon Sluice Gate Structure. The District can then select which option is most economic based on the results of the bidding. Another important element of the low level outlet works is the provision for the future addition of hydropower. To allow hydropower to be added in the future with minimal disturbance to the primary function of the project, a tap will be provided at the low level outlet (downstream of the tunnel portal) which can be used to route flows to future turbine generator units.

3.) Spillway Improvements – In order to achieve the spillway capacity required by the State engineer's Office (SEO), the entrance training walls will require a substantial raise and the main channel training walls will require a roughly 2 to 6-foot raise. This is expected to be accomplished by a combination of cast-in-place concrete and perhaps shotcrete. Additionally, some of the existing spillway floor slabs will require replacement or rehabilitation due to the condition of the existing concrete.

The CWCB's 2012 Projects Bill authorized and appropriated a \$5 million grant to the SLVID to perform the design and other activities towards the rehabilitation of Rio Grande Reservoir, as part of the Rio Grande Cooperative Project. The 2012 Projects Bill also authorized an additional \$15 million towards the project, as a loan/grant combination, which will be determined by the CWCB board at a later date. CWCB is currently working with SLVID in spending the \$5 million grant funds, which will involve a number of different activities, such as; final design, project management, material and equipment purchase, and various construction activities, over the next few years.

The following Statement of Work will be conducted primarily by San Luis Valley Irrigation District's Sub-Contractor, DiNatale Water Consultants.

SCOPE OF WORK

Task 1 – Assistance with Negotiating a Land Exchange with the Forest Service

Description of Task: The purpose of this task is to assist with negotiating a land exchange with the Forest Service. The District would like to exchange part of its land near the reservoir for Forest Service land directly below the Rio Grande Reservoir dam. This task will be completed by the Rio Grande Cooperative Project Team (Project Team). The Project Team consists of the District, Western Land Group, Tod Smith, the District's attorney, Deere & Ault Consultants and DWC.

1. DWC will coordinate the efforts of the Project Team on securing a land exchange with the Forest Service. Western Land Group will be the lead on this effort.
 - a. Numerous meetings will be held with the Forest Service and Western Land Group to discuss the terms of exchange.
 - b. Development of an exchange proposal for the proposed land exchange.

Task Execution:

The Project Team

Assumptions:

Western Land Group will be the lead and primary contact with the Forest Service

Major Deliverables/Products:

1. Meetings with the Project Team and Forest Service about the land exchange.
2. Review and comment of the land exchange proposal prepared by Western Land Group.

Task 2 – Feasibility Analyses and Permitting for the Land Exchange

Description of Task: The purpose of this task is to perform a feasibility analysis addressing the environmental, technical and political issues associated with the land exchanges as well as address any additional permitting issues associated with a 404 permit, if required. This work product will be prepared for submittal to the Forest Service and its Third Party Contractor (3PC) retained to prepare the Environmental Analysis (EA) for the land exchange. It is intended that work generated for this task can also be used by the Army Corps of Engineers (Corps) for the preparation of a 404 permit, if required, for the outlet works construction.

1. Conduct meetings with the Project Team, Forest Service and the 3PC, the Corps and stakeholders (local and state) to discuss and address any issues or information related to the EA.
2. Coordinate the development of an Environmental Assessment or supporting work of any other 3PC consultants
 - a. Identify and address all pertinent environmental permitting issues.
 - b. Conduct oversight of construction and permitting.
 - c. Provide information on flows from potential operations and develop any new modeling that may be required.
3. Coordinate with the Project Team and Corps on any 404 permitting, if required.

Task Execution:

DiNatale Water Consultants

Assumptions:

DiNatale Water Consultants will develop draft information that can be used by the Forest Service and its 3PC for preparation of the Environmental Assessment.

Major Deliverables/Products:

1. Development and submission of feasibility analysis and other information to the Forest Service and its 3PC for preparation of the EA.

Task 3 – Stakeholder Coordination

Description of Task: The purpose of this task is to inform stakeholders regarding the basin-wide benefits from the use of storage and re-operations of Rio Grande Reservoir. Stakeholder understanding of the need for and benefits of the dam rehabilitation project is important to the success of the project.

1. Conduct meetings and presentations with stakeholders about the benefits of the dam rehabilitation project.
 - a. Coordinate with local and state environmental organizations.
 - b. Provide presentations of modeled flows

Task Execution:

DiNatale Water Consultants

Assumptions:

Major Deliverables/Products:

1. Development of stakeholder outreach presentations and documents.

Task 4 – Storage Accounts and Operations (River Ware and Rio Grande Decision Support System) Modeling

Description of Task: The purpose of this task is to refine the River Ware and *Rio Grande Decision Support System (RGDSS)* modeling efforts associated with the Rio Grande Cooperative Project, to include additional features, including river administration, storage and replacement of stream depletions due to groundwater pumping in the Rio Grande Basin and compact operations.

1. Refine and improve the existing River Ware and Rio Grande Decision Support System (RGDSS) models to include:
 - a. River administration
 - b. Benefits of dam rehabilitation including increased storage and re-operation

- c. Additional water rights and storage accounts for compact storage, river administration, Town of Monte Vista, San Luis Valley Water Conservancy District, Groundwater Management Sub districts and other potential storage leaseholders
- d. ***Perform enhancements and calibration runs to the RGDSS groundwater model, run model, develop response functions, and assist with public workshops.***
2. Coordinate with CPW on model inputs and results and present model results to CPW and DNR directors
3. Coordinate with other potential leaseholders on model inputs

Task 4 – 1d listed is nearing completion but has taken more time than what was originally identified and will require additional engineering to complete, as outlined on the attached man hour spreadsheet.

Task Execution:

DiNatale Water Consultants

Assumptions:

All necessary data for model refinement and river administration will be provided by the potential leaseholders, ***consultants and SEO.***

Major Deliverables/Products:

1. Presentation of model results to ***SEO***, CPW and DNR directors.

Task 5 – Storage Agreements

Description of Task: The purpose of this task is to assist with the negotiation and development of storage agreements in the Rio Grande Reservoir. The rehabilitation of the reservoir provides the ability for long-term regulation of stakeholder water rights and other basin water supplies as well as storage for compact compliance.

1. Assist with negotiating storage agreements with CPW, water districts and other stakeholders.
2. Provide advice on issues related to participants and storage agreements for multi-use facilities.

Task Execution:

DiNatale Water Consultants

Assumptions:

All necessary data for model refinement and river administration will be provided.

Major Deliverables/Products:

1. Completed storage agreements with all pertinent parties.

Task 6 – Program Management, Coordination and Reporting

Description of Task: This task includes program management, grant administration and reporting, coordination of consulting team and meetings with CWCB staff and other stakeholders as needed. Progress reporting to CWCB will occur every 6 months.

1. CWCB will be provided a progress report every 6 months, beginning from the date of the executed contract. The progress report will 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.
2. Project coordination meetings with the consulting team (Deere and Ault, attorneys and other consultants) and informational meetings with CWCB staff will be held throughout the project.

3. Program oversight and work coordination amongst the Project Team will occur throughout the project.

Task Execution:

DiNatale Water Consultants

Major Deliverables/Products:

1. Progress reports and grants reimbursement requests to CWCB.

Schedule

All the tasks described above will be authorized by the SLVID. The work under these tasks will occur over the entire duration of the Project, which will commence upon execution of this contract and are anticipated to be complete by ***December 31, 2019***.

Compensation

The contract work described above is on a time and material basis with a not to exceed amount of \$465,110. The attached spreadsheet provides a detailed breakdown of the costs associated with each task. It is understood by the parties that as the project evolves and additional data is obtained, that tasks and their associated schedules and costs may be modified (decreased or increased) to reflect current needs for successful completion of the work. It is understood that the SLVID will not exceed the estimated total without first obtaining a fully amendment to the Contract.

PERFORMANCE MONITORING

Performance monitoring for the contract shall include the following:

(a) Performance measures and standards

The CWCB will have monthly meetings with the vendor and the Construction Co to make sure the project is being completed in a timely manner.

(b) Accountability.

Regular reporting of project status will occur monthly with the CWCB project manager and the lead project manager from the vendor and the Construction Co.

(c) Monitoring Requirements

The CWCB will have access to all the plans associated with the Rio Grande Dam and Reservoir rehabilitation and enlargement, and will be copied on all progress reports. Each invoice will include information regarding the each portion of the task completed, the units and costs associated with each.

(d) Noncompliance Resolution

In the event of a noncompliance issue the CWCB project manager will contact both the San Luis Valley Irrigation Dist project manager and the construction company's project manager and discuss the problem and work towards a resolution. If this does not work then the issue will be escalated to the Director of the CWCB and the President of the construction Company and the President of the San Luis Valley Irrigation Dist. The CWCB project manager will notify the DNR Purchasing Director and the Assistant Director of the Department. The DNR Assistant Director or the Deputy Director will try and resolve the issue.

RIO GRANDE COOPERATIVE PROJECT BUDGET

DiNatale Water Consultants						
Project Budget for Rio Grande Cooperative Project						
Tasks	DiNatale Water Senior Engineer	DiNatale Water Senior Consultant	DiNatale Water Resources Engineer II	DiNatale Water Resources I/ Word Processing/ Graphic Design	Subtotal Hours	Subtotal Task
	\$175	\$140	\$105	\$80		
Estimated Hours						
Task 1 – Assistance with Negotiating a Land Exchange with the Forest Service	88	48	80		216	\$30,520
Task 2 – Feasibility Analyses and Permitting for the Land Exchange	160	80	120	100	460	\$59,800
Task 3 – Stakeholder Coordination	96	48	60		204	\$29,820
Task 4 – Storage Accounts and Operations (RiverWare & RGDSS) Modeling	650	600	700	60	2,010	\$276,050
Task 5 – Storage Agreements	65	24	24		113	\$17,255
Task 6 – Program Management, Coordination and Reporting	110	60	120	60	350	\$45,050
Subtotal Hours	1169	860	1104	220	3353	
Subtotal Labor	\$204,575	\$120,400	\$115,920	\$17,600		\$458,495
Reimbursable Expenses						\$6,615
Total						465,110

CONTRACT AMENDMENT

Amendment No.2	Original CMS No. 51454 Amend #1 62308 Contract No. C154219	Amendment CMS No. 70001
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1) PARTIES

This AMENDMENT No.2 (Amendment) to the above-referenced ORIGINAL CONTRACT (hereinafter called the "ORIGINAL CONTRACT") is entered into by and between San Luis Valley Irrigation District (hereinafter called "DISTRICT"), and the STATE OF COLORADO (hereinafter called the "STATE") acting by and through the Department of Natural Resources, Colorado Water Conservation Board, (hereinafter called "CWCB").

2) EFFECTIVE DATE AND ENFORCEABILITY

This AMENDMENT shall not be effective or enforceable until it is approved and signed by the Colorado State Controller or designee (hereinafter called the "Effective Date"), but shall be effective and enforceable thereafter in accordance with its provisions. The State shall not be liable to pay or reimburse Contractor for any performance hereunder, including, but not limited to costs or expenses incurred, or be bound by any provision hereof prior to the Effective Date.

3) FACTUAL RECITALS

The Parties entered into the AGREEMENT to provide a number of long term water supply resolutions by developing a comprehensive, efficient water management plan of existing decreed water rights in and out of the Rio Grande Reservoir and other interconnected storage vessels that will result in a partnership among all beneficiaries of the Project. Additional time is needed due to the complexity of the Cooperative Project and the many partners involved, including project management, redesign and the exchange of lands with the federal government. This AMENDMENT will extend the work completion date and the ORIGINAL CONTRACT expiration date by two years.

4) CONSIDERATION-COLORADO SPECIAL PROVISIONS

Consideration for this AMENDMENT to the ORIGINAL CONTRACT consists of the payments that shall be made pursuant to this AMENDMENT and ORIGINAL CONTRACT and the promises and agreements herein set forth.

The Parties acknowledge that the mutual promises and covenants contained herein and other good and valuable consideration are sufficient and adequate to support this AMENDMENT.

5) LIMITS OF EFFECT

This AMENDMENT is incorporated by reference into the ORIGINAL CONTRACT, and the ORIGINAL CONTRACT and all prior amendments thereto, if any, remain in full force and effect except as specifically modified herein.

6) MODIFICATIONS.

The CONTRACT, NUMBER C154219 and all prior amendments thereto, if any, are modified as follows:

a. WORK COMPLETION DATE AND CONTRACT END DATE

The work completion date and the termination date of the contract will be extended from June 30, 2014 to **June 30, 2016**.

7) EFFECTIVE DATE OF AMENDMENT

The effective date hereof is upon approval of the State Controller or their delegate.

8) ORDER OF PRECEDENCE

Except for the Special Provisions, in the event of any conflict, inconsistency, variance, or contradiction between the provisions of this AMENDMENT and any of the provisions of the Contract, the provisions of this Amendment shall in all respects supersede, govern, and control. The most recent version of the Special Provisions incorporated into the ORIGINAL CONTRACT or any amendment shall always control other provisions in the ORIGINAL CONTRACT or any amendments.

9) AVAILABLE FUNDS

Financial obligations of the state payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted, or otherwise made available.

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C154²¹⁹
CMS #70001

THE PARTIES HERETO HAVE EXECUTED THIS AMENDMENT

* Persons signing for Contractor hereby swear and affirm that they are authorized to act on Contractor's behalf and acknowledge that the State is relying on their representations to that effect.

CONTRACTOR

San Luis Irrigation District

Name: Valley Randall K. Palmgren

Title: President

Randall K. Palmgren
*Signature

Date: 6/4/14

Attest:

(SEAL)

Name: Amy S. Dean

Title: District Secretary

Amy S. Dean
*Signature

Date: 6-04-14

STATE OF COLORADO

John W. Hickenlooper, Governor

Department of Natural Resources

Mike King, Executive Director

BY: Tim Feehan

Name: Tim Feehan, Deputy Director

Colorado Water Conservation Board

DATE: 6-9-14

ALL CONTRACTS REQUIRE APPROVAL BY THE STATE CONTROLLER

CRS §24-30-202 requires the State Controller to approve all State Contracts. This Contract is not valid until signed and dated below by the State Controller or delegate. Contractor is not authorized to begin performance until such time. If Contractor begins performing prior thereto, the State of Colorado is not obligated to pay Contractor for such performance or for any goods and/or services provided hereunder.

STATE CONTROLLER

Robert Jaros, CPA, MBA, JD

By: Susan Borup

Susan Borup, Controller
Department of Natural Resources

Date: 6/17/14

CONTRACT AMENDMENT

Amendment #1	Original Contract CMS (CLIN) # 51454	Amendment CMS #62308
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1) PARTIES

This Amendment to the above-referenced Original Contract (hereinafter called the Contract) is entered into by and between San Luis Valley Irrigation District (hereinafter called "Contractor"), and the STATE OF COLORADO (hereinafter called the "State") acting by and through the Department of Natural Resources, Colorado Water Conservation Board, (hereinafter called the "CWCB").

2) EFFECTIVE DATE AND ENFORCEABILITY

This Amendment shall not be effective or enforceable until it is approved and signed by the Colorado State Controller or designee (hereinafter called the "Effective Date"). The State shall not be liable to pay or reimburse Contractor for any performance hereunder including, but not limited to, costs or expenses incurred, or be bound by any provision hereof prior to the Effective Date.

3) FACTUAL RECITALS

The Parties entered into the Contract for Project management for the Rio Grande Reservoir owned and operated by the San Luis Valley Irrigation District. The contract is being amended to add Rio Grande Decision Support System update (RGDSS) into Task #4.

4) CONSIDERATION-COLORADO SPECIAL PROVISIONS

The Parties acknowledge that the mutual promises and covenants contained herein and other good and valuable consideration are sufficient and adequate to support this Amendment.

5) LIMITS OF EFFECT

This Amendment is incorporated by reference into the Contract, and the Contract and all prior amendments thereto, if any, remain in full force and effect except as specifically modified herein.

6) MODIFICATIONS.

The Contract and all prior amendments thereto, if any, are modified as follows:

a. Each occurrence of Exhibit A is being replaced by Exhibit A-1.

b. Exhibit A is being amended and the budget is being replaced by the budget specified in Exhibit A-1.

c. 7. A. Maximum Amount

The maximum amount payable under this Contract to Contractor by the State is \$239,360, as determined by the State from available funds. This sentence is being replaced by: "The maximum amount payable under this Contract to Contractor by the state is \$391,215, as determined by the State from available funds." Payments to Contractor are limited to the unpaid obligated balance of the Contract set forth in Exhibit A-1.

Up to \$239,360 is payable in FY13
\$391,215 less the amount paid in FY2013, is payable in FY14.

7) START DATE

This Amendment shall take effect on the later of its Effective Date or November 30, 2013.

8) ORDER OF PRECEDENCE

Except for the Special Provisions, in the event of any conflict, inconsistency, variance, or contradiction between the provisions of this Amendment and any of the provisions of the Contract, the provisions of this Amendment shall in all respects supersede, govern, and control. The most recent version of the Special Provisions incorporated into the Contract or any amendment shall always control other provisions in the Contract or any amendments.

9) AVAILABLE FUNDS

Financial obligations of the state payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted, or otherwise made available.

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THE PARTIES HERETO HAVE EXECUTED THIS AMENDMENT

* Persons signing for Contractor hereby swear and affirm that they are authorized to act on Contractor's behalf and acknowledge that the State is relying on their representations to that effect.

<p>CONTRACTOR San Luis Valley Irrigation District President Randall K. Palmgren</p> <p><i>Randall K. Palmgren</i> _____ *Signature</p> <p>Date: <u>10/29/13</u></p>	<p>STATE OF COLORADO John W. Hickenlooper, Governor Dept of Natural Resources Mike King, Executive Director</p> <p><i>James Eklund</i> _____ By: James Eklund, Director Colorado Water Conservation Board</p> <p>Date: <u>11-4-2013</u></p>
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ALL CONTRACTS REQUIRE APPROVAL BY THE STATE CONTROLLER

CRS §24-30-202 requires the State Controller to approve all State contracts. This Amendment is not valid until signed and dated below by the State Controller or delegate. Contractor is not authorized to begin performance until such time. If Contractor begins performing prior thereto, the State of Colorado is not obligated to pay Contractor for such performance or for any goods and/or services provided hereunder.

STATE CONTROLLER
Robert Jaros, CPA, MBA, JD

By: *Susan Borup*
Susan Borup, DNR Controller

Date: 11/24/13

Exhibit A-1
Statement of Work
Rio Grande Cooperative Project
November 10, 2013

BACKGROUND

The San Luis Valley Irrigation District (SLVID) owns and operates the Rio Grande Dam and Reservoir on the Rio Grande in southwest Colorado. The dam is a 111-foot high earth and rock fill embankment with a crest elevation of 9470 feet. Key features of the project include the dam with a crest length of approximately 450 feet, an un-gated spillway at the right abutment of the dam, and a low level outlet that includes an 11-foot high by 15-foot wide tunnel with a multiple sluice gate control structure near the middle of the tunnel. The reservoir is approximately six miles in length and 0.50 miles in width, oriented in a roughly northwest-southeast direction and has a capacity of 52,192 acre-feet.

A comprehensive study for rehabilitation and/or enlargement of the dam and reservoir was conducted by D&A and CDM in 2007 and 2008 (*"Rio Grande Multi-Use Rehabilitation and Enlargement Study," CDM, 2008*). That study estimated costs of \$19.2 million for rehabilitation and \$33.2 million for enlargement. In addition, the District has previously conducted studies regarding operations of Rio Grande Reservoir. The Rio Grande Reservoir Multi-Use Project Studies (collectively "Multi-Use Studies") identified basin-wide benefits from the use of storage and re-operations of Rio Grande Reservoir. These studies also concluded that CPW can particularly benefit from storage in Rio Grande Reservoir as it relies upon storage to manage some of its water resources. In recent years, under a non-permanent lease agreement, CPW, the San Luis Valley Water Conservancy District and others have stored up to 10,000 AF of water in Rio Grande Reservoir. In addition, the benefits of compact storage for Rio Grande Compact compliance and basin administration were outlined. The Multi-Use Studies revealed that Rio Grande Reservoir must be rehabilitated in order to provide long-term regulation of CPW water rights and other basin water supplies as well as storage for compact compliance.

Construction of the dam began around 1908 with completion in 1914. The dam was constructed in a narrow valley between a massive volcanic formation known as Fish Canyon Tuff (at the right abutment) and a large rock slide that is a mixture of clays, sands, gravels, and large blocks of tuff (at the left abutment). The highly permeable rock slide material at the left abutment has been problematic since the first filling of the reservoir where seepage of the order of 1,500 gpm has been measured in the left abutment, with a total combined seepage of 2,500 gpm downstream of the dam. The seepage flow is responsive to reservoir elevation with flows increasing significantly at higher reservoir elevations (at gage 60 and above).

The dam was originally constructed with an unlined spillway at the right abutment. The spillway has been modified since its original construction by lengthening the crest of the spillway and lining the spillway deck and walls with concrete. A recent analysis on the spillway, performed by CDM in 2008, suggests that the spillway training walls are insufficient in height to pass the required 6,600 cfs design flow. The training wall height deficiencies exist at the entrance of the structure and continue throughout its length. The greatest concern with the spillway training wall heights exists on the left side. Any overflow of the left training walls has the potential to threaten the right abutment of the main dam. Based on the 2008 study, this appears at flows below the design flow of 6,600 cfs.

The dam safety and operational issues described above combined with the value of the reservoir for optimizing water use for multiple stakeholders in the basin have driven the District to move forward with the rehabilitation of the Rio Grande Dam and Reservoir. The District is a proponent of the Rio Grande Cooperative Project where the District works with multiple stakeholders in the State, primarily the Colorado Water Conservation Board and the Colorado Division of Parks and Wildlife to restore the full use of the reservoir. The project is made up of final design, program/project management and three primary construction components that address structural and/or operational deficiencies of the Reservoir, as described below:

Final Design

The rehabilitation of Rio Grande Reservoir requires that the proposed improvements be designed, managed, and inspected by a professional registered engineer in the State of Colorado. The engineering firm selected to conduct this work will provide overall project management, surveying, geotechnical exploration, geotechnical and hydraulic analysis, and the final design of the spillway, clay blanket liner, bypass tunnel and outlet works. The engineering firm will also provide cost estimating, QA/QC for the project, respond to State Engineer comments and assist with bidding and award for the project. ***This work is currently being conducted by SLVID under Contract C154210 at a cost of \$1,256,134, under its sub-consultant - Deer and Ault Consultants.***

Program/Project Management

The Rio Grande Cooperative Project involves the coordination and management of many different project components. Some of key project management issues that need to be addressed prior to the SLVID proceeding forward with construction, are 1) successful negotiation, feasibility analysis and exchange of land between the Forest Service and the SLVID, 2) storage accounts and operation modeling, 3) execution of storage agreements, and 4) overall stakeholder coordination and program management. The successful management of these key issues is vital to the overall success of the Project.

Primary Construction Components

1.) Upstream Clay Blanket - In order to reduce seepage through the rock slide formation at the left dam abutment, a clay blanket slope liner will be installed on the upstream side of the dam at the left abutment. The clay blanket, shown on Figure 1 in plan and Figure 2 in cross-section, will be a zoned fill placed over the rock slide and extending across the west abutment of the dam approximately 100 feet. The zones include a filter layer, low permeability clay core, and cover zone. This improvement is expected to substantially reduce seepage and allow full storage capability of the reservoir to be achieved. Clay liner materials will be obtained by borrowing and processing approximately 20,000 cubic yards of soil and rock material from reservoir property. These areas are described in Figure 1. Processing shall consist of screening various gradations from the existing landslide deposit, as described in Exhibit 1. ***The clay liner material for the construction component described above is currently being conducted under Contract C154213, under its sub-consultant - Brad Moore, at a cost of \$295,699.66.***

2.) Low Level Outlet - The existing low level outlet will be replaced with a hollow jet valve discharge structure at the downstream side of the dam. The existing low level outlet tunnel will continue to be used to provide conveyance between the upstream and downstream portals. The existing sluice gate control structure will either be demolished or abandoned in-place with a bypass tunnel providing conveyance around the structure; this is shown on Figure 1. Schedule constraints for the work and the uncertainty of the demolition costs (for removal of existing sluice gate control structure) suggest that the construction bidding process may be the best way to determine the

most economic solution. To that end, we recommend preparing the bidding documents with two options: Option 1 – Demolish Existing Sluice Gate Structure and Option 2 – Construct Bypass Tunnel and Abandon Sluice Gate Structure. The District can then select which option is most economic based on the results of the bidding. Another important element of the low level outlet works is the provision for the future addition of hydropower. To allow hydropower to be added in the future with minimal disturbance to the primary function of the project, a tap will be provided at the low level outlet (downstream of the tunnel portal) which can be used to route flows to future turbine generator units.

3.) Spillway Improvements – In order to achieve the spillway capacity required by the State engineer's Office (SEO), the entrance training walls will require a substantial raise and the main channel training walls will require a roughly 2 to 6-foot raise. This is expected to be accomplished by a combination of cast-in-place concrete and perhaps shotcrete. Additionally, some of the existing spillway floor slabs will require replacement or rehabilitation due to the condition of the existing concrete.

The CWCB's 2012 Projects Bill authorized and appropriated a \$5 million grant to the SLVID to perform the design and other activities towards the rehabilitation of Rio Grande Reservoir, as part of the Rio Grande Cooperative Project. The 2012 Projects Bill also authorized an additional \$15 million towards the project, as a loan/grant combination, which will be determined by the CWCB board at a later date. CWCB is currently working with SLVID in spending the \$5 million grant funds, which will involve a number of different activities, such as; final design, project management, material and equipment purchase, and various construction activities, over the next few years.

The following Statement of Work will be conducted primarily by San Luis Valley Irrigation District's Sub-Contractor, DiNatale Water Consultants.

SCOPE OF WORK

Task 1 – Assistance with Negotiating a Land Exchange with the Forest Service

Description of Task: The purpose of this task is to assist with negotiating a land exchange with the Forest Service. The District would like to exchange part of its land near the reservoir for Forest Service land directly below the Rio Grande Reservoir dam. This task will be completed by the Rio Grande Cooperative Project Team (Project Team). The Project Team consists of the District, Western Land Group, Tod Smith, the District's attorney, Deere & Ault Consultants and DWC.

1. DWC will coordinate the efforts of the Project Team on securing a land exchange with the Forest Service. Western Land Group will be the lead on this effort.
 - a. Numerous meetings will be held with the Forest Service and Western Land Group to discuss the terms of exchange.
 - b. Development of an exchange proposal for the proposed land exchange.

Task Execution:

The Project Team

Assumptions:

Western Land Group will be the lead and primary contact with the Forest Service

Major Deliverables/Products:

1. Meetings with the Project Team and Forest Service about the land exchange.
2. Review and comment of the land exchange proposal prepared by Western Land Group.

Task 2 – Feasibility Analyses and Permitting for the Land Exchange

Description of Task: The purpose of this task is to perform a feasibility analysis addressing the environmental, technical and political issues associated with the land exchanges as well as address any additional permitting issues associated with a 404 permit, if required. This work product will be prepared for submittal to the Forest Service and its Third Party Contractor (3PC) retained to prepare the Environmental Analysis (EA) for the land exchange. It is intended that work generated for this task can also be used by the Army Corps of Engineers (Corps) for the preparation of a 404 permit, if required, for the outlet works construction.

1. Conduct meetings with the Project Team, Forest Service and the 3PC, the Corps and stakeholders (local and state) to discuss and address any issues or information related to the EA.
2. Coordinate the development of an Environmental Assessment or supporting work of any other 3PC consultants
 - a. Identify and address all pertinent environmental permitting issues.
 - b. Conduct oversight of construction and permitting.
 - c. Provide information on flows from potential operations and develop any new modeling that may be required.
3. Coordinate with the Project Team and Corps on any 404 permitting, if required.

Task Execution:

DiNatale Water Consultants

Assumptions:

DiNatale Water Consultants will develop draft information that can be used by the Forest Service and its 3PC for preparation of the Environmental Assessment.

Major Deliverables/Products:

1. Development and submission of feasibility analysis and other information to the Forest Service and its 3PC for preparation of the EA.

Task 3 – Stakeholder Coordination

Description of Task: The purpose of this task is to inform stakeholders regarding the basin-wide benefits from the use of storage and re-operations of Rio Grande Reservoir. Stakeholder understanding of the need for and benefits of the dam rehabilitation project is important to the success of the project.

1. Conduct meetings and presentations with stakeholders about the benefits of the dam rehabilitation project.
 - a. Coordinate with local and state environmental organizations.
 - b. Provide presentations of modeled flows

Task Execution:

DiNatale Water Consultants

Assumptions:

Major Deliverables/Products:

1. Development of stakeholder outreach presentations and documents.

Task 4 – Storage Accounts and Operations (River Ware and Rio Grande Decision Support System) Modeling

Description of Task: The purpose of this task is to refine the River Ware and *Rio Grande Decision Support System (RGDSS)* modeling efforts associated with the Rio Grande Cooperative Project, to include additional features, including river administration, *storage and replacement of stream depletions due to groundwater pumping in the Rio Grande Basin* and *compact operations*.

1. Refine and improve the existing River Ware and *Rio Grande Decision Support System (RGDSS)* models to include:
 - a. River administration
 - b. Benefits of dam rehabilitation including increased storage and re-operation
 - c. Additional water rights and storage accounts for compact storage, river administration, Town of Monte Vista, San Luis Valley Water Conservancy District, Groundwater Management Sub districts and other potential storage leaseholders
 - d. *Perform enhancements and calibration runs to the RGDSS groundwater model, run model, develop response functions, and assist with public workshops.*
2. Coordinate with CPW on model inputs and results and present model results to CPW and DNR directors
3. Coordinate with other potential leaseholders on model inputs

Task Execution:

DiNatale Water Consultants

Assumptions:

All necessary data for model refinement and river administration will be provided by the potential leaseholders, *consultants and SEO*.

Major Deliverables/Products:

1. Presentation of model results to *SEO*, CPW and DNR directors.

Task 5 – Storage Agreements

Description of Task: The purpose of this task is to assist with the negotiation and development of storage agreements in the Rio Grande Reservoir. The rehabilitation of the reservoir provides the ability for long-term regulation of stakeholder water rights and other basin water supplies as well as storage for compact compliance.

1. Assist with negotiating storage agreements with CPW, water districts and other stakeholders.
2. Provide advice on issues related to participants and storage agreements for multi-use facilities.

Task Execution:

DiNatale Water Consultants

Assumptions:

All necessary data for model refinement and river administration will be provided.

Major Deliverables/Products:

1. Completed storage agreements with all pertinent parties.

Task 6 – Program Management, Coordination and Reporting

Description of Task: This task includes program management, grant administration and reporting, coordination of consulting team and meetings with CWCB staff and other stakeholders as needed. Progress reporting to CWCB will occur every 6 months.

1. CWCB will be provided a progress report every 6 months, beginning from the date of the executed contract. The progress report will 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.
2. Project coordination meetings with the consulting team (Deere and Ault, attorneys and other consultants) and informational meetings with CWCB staff will be held throughout the project.
3. Program oversight and work coordination amongst the Project Team will occur throughout the project.

Task Execution:

DiNatale Water Consultants

Major Deliverables/Products:

1. Progress reports and grants reimbursement requests to CWCB.

Schedule

All the tasks described above will be authorized by the SLVID. The work under these tasks will occur over the entire duration of the Project, which will commence upon execution of this contract and are anticipated to be complete by June 30, 2014.

Compensation

The contract work described above is on a time and material basis with a not to exceed amount of **\$391,215**. The attached spreadsheet provides a detailed breakdown of the costs associated with each task. It is understood by the parties that as the project evolves and additional data is obtained, that tasks and their associated schedules and costs may be modified (decreased or increased) to reflect current needs for successful completion of the work. It is understood that the SLVID will not exceed the estimated total without first obtaining a fully amendment to the Contract.

PERFORMANCE MONITORING

Performance monitoring for the contract shall include the following:

- (a) Performance measures and standards

The CWCB will have monthly meetings with the vendor and the Construction Co to make sure the project is being completed in a timely manner.

(b) Accountability.

Regular reporting of project status will occur monthly with the CWCB project manager and the lead project manager from the vendor and the Construction Co.

(c) Monitoring Requirements

The CWCB will have access to all the plans associated with the Rio Grande Dam and Reservoir rehabilitation and enlargement, and will be copied on all progress reports. Each invoice will include information regarding the each portion of the task completed, the units and costs associated with each.

(d) Noncompliance Resolution

In the event of a noncompliance issue the CWCB project manager will contact both the San Luis Valley Irrigation Dist project manager and the construction company's project manager and discuss the problem and work towards a resolution. If this does not work then the issue will be escalated to the Director of the CWCB and the President of the construction Company and the President of the San Luis Valley Irrigation Dist. The CWCB project manager will notify the DNR Purchasing Director and the Assistant Director of the Department. The DNR Assistant Director or the Deputy Director will try and resolve the issue.

RIO GRANDE COOPERATIVE PROJECT BUDGET

	DiNatale Water Consultants Project Budget for Rio Grande Cooperative Project						
Tasks	DiNatale Water Senior Engineer	DiNatale Water Senior Consultant	DiNatale Water Resources Engineer II	DiNatale Water Resources I/ Word Processing/ Graphic Design	Subtotal Hours	RGDSS Subcontractor	Subtotal Task
	\$175	\$140	\$105	\$80			
	Estimated Hours						
Task 1 – Assistance with Negotiating a Land Exchange with the Forest Service	88	48	80		216		\$30,520
Task 2 – Feasibility Analyses and Permitting for the Land Exchange	160	80	120	100	460		\$59,800
Task 3 – Stakeholder Coordination	96	48	60		204		\$29,820
Task 4 – Storage Accounts and Operations (RiverWare & RGDSS) Modeling	100	20	240	60	420	146,720	\$197,020
Task 5 – Storage Agreements	65	24	24		113		\$17,255
Task 6 – Program Management, Coordination and Reporting	110	60	120	60	350		\$45,050
Subtotal Hours	619	280	644	220	1763	146720	
Subtotal Labor	\$108,325	\$39,200	\$67,620	\$17,600		\$146,720	\$379,465
Reimbursable Expenses							\$11,750
Total							391,215

STATE OF COLORADO
Colorado Water Conservation Board
Contract
with
San Luis Valley Irrigation District

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1. PARTIES

This Contract (hereinafter called “Contract”) is entered into by and between San Luis Valley Irrigation District, located at 269 Miles ST, Center CO, 81125, (hereinafter called “Contractor”), and the STATE OF COLORADO acting by and through the Department of Natural Resources Colorado Water Conservation Board, located at 1313 Sherman ST #723, Denver CO, 80203 (hereinafter called the “State” or “CWCB”). Contractor and the State hereby agree to the following terms and conditions.

2. EFFECTIVE DATE AND NOTICE OF NONLIABILITY

This Contract shall not be effective or enforceable until it is approved and signed by the Colorado State Controller or designee (hereinafter called the “Effective Date”). The State shall not be liable to pay or reimburse Contractor for any performance hereunder including, but not limited to, costs or expenses incurred, or be bound by any provision hereof prior to the Effective Date.

3. RECITALS

A. Authority, Appropriation, and Approval

Authority to enter into this Contract exists in C.R.S. 39-29-109 (X)(A) and funds have been budgeted, appropriated and otherwise made available pursuant to SB 12S-002 (11) and a sufficient unencumbered balance thereof remains available for payment. Required approvals, clearance and coordination have been accomplished from and with appropriate agencies.

B. Consideration

The Parties acknowledge that the mutual promises and covenants contained herein and other good and valuable consideration are sufficient and adequate to support this Contract.

C. Purpose

Project management for the Rio Grande Reservoir owned and operated by the San Luis Valley Irrigation District.

D. Selection

This contract is exempt from the procurement code under §24-101-105 C.R.S.

E. References

All references in this Contract to sections (whether spelled out or using the § symbol), subsections, exhibits or other attachments, are references to sections, subsections, exhibits or other attachments contained herein or incorporated as a part hereof, unless otherwise noted.

4. DEFINITIONS

The following terms as used herein shall be construed and interpreted as follows:

A. Budget

“Budget” means the budget for the Work described in **Exhibit A**.

B. Contract

“Contract” means this Contract, its terms and conditions, attached exhibits, documents incorporated by reference under the terms of this Contract, and any future modifying agreements, exhibits, attachments or references incorporated herein pursuant to Colorado State law, Fiscal Rules, and State Controller Policies.

C. Contract Funds

“Contract Funds” means funds available for payment by the State to Contractor pursuant to this Contract.

D. Evaluation

“Evaluation” means the process of examining Contractor’s Work and rating it based on criteria established in §6 and **Exhibit A**.

E. Exhibits and other Attachments

The following are attached hereto and incorporated by reference herein: **Exhibit A** (Statement of Work).

F. Goods

“Goods” means tangible material acquired, produced, or delivered by Contractor either separately or in conjunction with the Services Contractor renders hereunder.

G. Party or Parties

“Party” means the State or Contractor and “Parties” means both the State and Contractor.

H. Review

“Review” means examining Contractor’s Work to ensure that it is adequate, accurate, correct and in accordance with the criteria established in §6 and **Exhibit A**.

I. Services

“Services” means the required services to be performed by Contractor pursuant to this Contract.

J. Subcontractor

“Subcontractor” means third-parties, if any, engaged by Contractor to aid in performance of its obligations.

K. Work

“Work” means the tasks and activities Contractor is required to perform to fulfill its obligations under this Contract and **Exhibit A**, including the performance of the Services and delivery of the Goods.

L. Work Product

“Work Product” means the tangible or intangible results of Contractor’s Work, including, but not limited to, software, research, reports, studies, data, photographs, negatives or other finished or unfinished documents, drawings, models, surveys, maps, materials, or work product of any type, including drafts.

5. TERM

A. Initial Term-Work Commencement

The Parties' respective performances under this Contract shall commence on the date signed by the State Controller or his designee. This Contract shall terminate on June 30, 2014 unless sooner terminated or further extended as specified elsewhere herein.

B. Two Month Extension

The State, at its sole discretion upon written notice to Contractor as provided in §16, may unilaterally extend the term of this Contract for a period not to exceed two months if the Parties are negotiating a replacement Contract or an amendment at or near the end of any initial term or renewal term. The provisions of this Contract in effect when such notice is given, including, but not limited to prices, rates, and delivery requirements, shall remain in effect during the two-month extension. The two month extension shall immediately terminate when and if a replacement Contract is approved and signed by the Colorado State Controller.

6. STATEMENT OF WORK

A. Completion

Contractor shall complete the Work and its other obligations as described herein and in **Exhibit A** on or before June 30, 2014. The State shall not be liable to compensate Contractor for any Work performed prior to the Effective Date or after the termination of this Contract.

B. Goods and Services

Contractor shall procure Goods and Services necessary to complete the Work. Such procurement shall be accomplished using the Contract Funds and shall not increase the maximum amount payable hereunder by the State.

C. Employees

All persons employed by Contractor or Subcontractors to perform Work under this Contract shall be Contractor's or Subcontractors' employee(s) for all purposes hereunder and shall not be employees of the State for any purpose as a result of this Contract.

7. PAYMENTS TO CONTRACTOR

The State shall, in accordance with the provisions of this §7, pay Contractor in the amounts and using the methods set forth below:

A. Maximum Amount

The maximum amount payable under this Contract to Contractor by the State is \$239,360, as determined by the State from available funds. Payments to Contractor are limited to the unpaid obligated balance of the Contract set forth in **Exhibit A**. The maximum amount payable by the State to Contractor during each State fiscal year of this Contract shall be:

Up to \$239,360 is payable in FY13
\$239,360 less the amount paid in FY2013 is payable in FY14

B. Payment

i. Interim and Final Payments

Any payment allowed under this Contract or in **Exhibit A** shall comply with State Fiscal Rules and be made in accordance with the provisions of this Contract or such Exhibit. Contractor shall initiate any payment requests by submitting invoices to the State in the form and manner set forth in approved by the State.

ii. Interest

The State shall fully pay each invoice within 45 days of receipt thereof if the amount invoiced represents performance by Contractor previously accepted by the State. Uncontested amounts not paid by the State within 45 days shall bear interest on the unpaid balance beginning on the 46th day at a rate not to exceed one percent per month until paid in full; provided, however, that interest shall not accrue on unpaid amounts that are subject to a good faith dispute. Contractor shall invoice the State

separately for accrued interest on delinquent amounts. The billing shall reference the delinquent payment, the number of day's interest to be paid and the interest rate.

iii. Available Funds-Contingency-Termination

The State is prohibited by law from making commitments beyond the term of the State's current fiscal year. Therefore, Contractor's compensation beyond the State's current Fiscal Year is contingent upon the continuing availability of State appropriations as provided in the Colorado Special Provisions. If federal funds are used to fund this Contract, in whole or in part, the State's performance hereunder is contingent upon the continuing availability of such funds. Payments pursuant to this Contract shall be made only from available funds encumbered for this Contract and the State's liability for such payments shall be limited to the amount remaining of such encumbered funds. If State or federal funds are not appropriated, or otherwise become unavailable to fund this Contract, the State may terminate this Contract immediately, in whole or in part, without further liability in accordance with the provisions hereof.

iv. Erroneous Payments

At the State's sole discretion, payments made to Contractor in error for any reason, including, but not limited to overpayments or improper payments, and unexpended or excess funds received by Contractor, may be recovered from Contractor by deduction from subsequent payments under this Contract or other contracts, grants or agreements between the State and Contractor or by other appropriate methods and collected as a debt due to the State. Such funds shall not be paid to any person or entity other than the State.

C. Use of Funds

Contract Funds shall be used only for eligible costs identified herein and/or in the Budget.

8. REPORTING - NOTIFICATION

Reports, Evaluations, and Reviews required under this §8 shall be in accordance with the procedures of and in such form as prescribed by the State and in accordance with §19, if applicable.

A. Performance, Progress, Personnel, and Funds

Contractor shall submit a report to the State upon expiration or sooner termination of this Contract, containing an Evaluation and Review of Contractor's performance and the final status of Contractor's obligations hereunder. In addition, Contractor shall comply with all reporting requirements, if any, set forth in **Exhibit A**

B. Litigation Reporting

Within 10 days after being served with any pleading in a legal action filed with a court or administrative agency, related to this Contract or which may affect Contractor's ability to perform its obligations hereunder, Contractor shall notify the State of such action and deliver copies of such pleadings to the State's principal representative as identified herein. If the State's principal representative is not then serving, such notice and copies shall be delivered to the Executive Director of DNR.

C. Noncompliance

Contractor's failure to provide reports and notify the State in a timely manner in accordance with this §8 may result in the delay of payment of funds and/or termination as provided under this Contract.

D. Subcontracts

Copies of any and all subcontracts entered into by Contractor to perform its obligations hereunder shall be submitted to the State or its principal representative upon request by the State. Any and all subcontracts entered into by Contractor related to its performance hereunder shall comply with all applicable federal and state laws and shall provide that such subcontracts be governed by the laws of the State of Colorado.

9. CONTRACTOR RECORDS

A. Maintenance

Contractor shall make, keep, maintain, and allow inspection and monitoring by the State of a complete file of all records, documents, communications, notes and other written materials, electronic media files, and communications, pertaining in any manner to the Work or the delivery of Services or Goods hereunder.

Contractor shall maintain such records until the last to occur of: **(i)** a period of three years after the date this Contract expires or is sooner terminated, or **(ii)** final payment is made hereunder, or **(iii)** the resolution of any pending Contract matters, or **(iv)** if an audit is occurring, or Contractor has received notice that an audit is pending, until such audit has been completed and its findings have been resolved (collectively, the "Record Retention Period").

B. Inspection

Contractor shall permit the State, the federal government and any other duly authorized agent of a governmental agency to audit, inspect, examine, excerpt, copy and/or transcribe Contractor's records related to this Contract during the Record Retention Period for a period of three years following termination of this Contract or final payment hereunder, whichever is later, to assure compliance with the terms hereof or to evaluate performance hereunder. The State reserves the right to inspect the Work at all reasonable times and places during the term of this Contract, including any extensions or renewals. If the Work fails to conform to the requirements of this Contract, the State may require Contractor promptly to bring the Work into conformity with Contract requirements, at Contractor's sole expense. If the Work cannot be brought into conformance by re-performance or other corrective measures, the State may require Contractor to take necessary action to ensure that future performance conforms to Contract requirements and exercise the remedies available under this Contract, at law or in equity, in lieu of or in conjunction with such corrective measures.

C. Monitoring

Contractor shall permit the State, the federal government, and governmental agencies having jurisdiction, in their sole discretion, to monitor all activities conducted by Contractor pursuant to the terms of this Contract using any reasonable procedure, including, but not limited to: internal evaluation procedures, examination of program data, special analyses, on-site checking, formal audit examinations, or any other procedures. All monitoring controlled by the State shall be performed in a manner that shall not unduly interfere with Contractor's performance hereunder.

D. Final Audit Report

If an audit is performed on Contractor's records for any fiscal year covering a portion of the term of this Contract, Contractor shall submit a copy of the final audit report to the State or its principal representative at the address specified herein.

10. CONFIDENTIAL INFORMATION-STATE RECORDS

Contractor shall comply with the provisions of this §10 if it becomes privy to confidential information in connection with its performance hereunder. Confidential information includes, but is not necessarily limited to, any state records, personnel records, and information concerning individuals. Such information shall not include information required to be disclosed pursuant to the Colorado Open Records Act, CRS §24-72-101, et seq.

A. Confidentiality

Contractor shall keep all State records and information confidential at all times and comply with all laws and regulations concerning confidentiality of information. Any request or demand by a third party for State records and information in the possession of Contractor shall be immediately forwarded to the State's principal representative.

B. Notification

Contractor shall notify its agent, employees, Subcontractors and assigns who may come into contact with State records and confidential information that each is subject to the confidentiality requirements set forth herein, and shall provide each with a written explanation of such requirements before permitting them to access such records and information.

C. Use, Security, and Retention

Confidential information of any kind shall not be distributed or sold to any third party or used by Contractor or its agents in any way except as authorized by this Contract or approved in writing by the State. Contractor shall provide and maintain a secure environment that ensures confidentiality of all State records and other confidential information wherever located. Confidential information shall not be retained in any files or otherwise by Contractor or its agents, except as permitted in this Contract or approved in writing by the State.

D. Disclosure-Liability

Disclosure of State records or other confidential information by Contractor for any reason may be cause for legal action by third parties against Contractor, the State or their respective agents. Contractor shall indemnify, save, and hold harmless the State, its employees and agents, against any and all claims, damages, liability and court awards including costs, expenses, and attorney fees and related costs, incurred as a result of any act or omission by Contractor, or its employees, agents, Subcontractors, or assignees pursuant to this §10.

11. CONFLICTS OF INTEREST

Contractor shall not engage in any business or personal activities or practices or maintain any relationships which conflict in any way with the full performance of Contractor's obligations hereunder. Contractor acknowledges that with respect to this Contract, even the appearance of a conflict of interest is harmful to the State's interests. Absent the State's prior written approval, Contractor shall refrain from any practices, activities or relationships that reasonably appear to be in conflict with the full performance of Contractor's obligations to the State hereunder. If a conflict or appearance exists, or if Contractor is uncertain whether a conflict or the appearance of a conflict of interest exists, Contractor shall submit to the State a disclosure statement setting forth the relevant details for the State's consideration. Failure to promptly submit a disclosure statement or to follow the State's direction in regard to the apparent conflict constitutes a breach of this Contract.

12. REPRESENTATIONS AND WARRANTIES

Contractor makes the following specific representations and warranties, each of which was relied on by the State in entering into this Contract.

A. Standard and Manner of Performance

Contractor shall perform its obligations hereunder in accordance with the normal standards of care, skill and diligence in Contractor's industry, trade, or profession and in the sequence and manner set forth in this Contract.

B. Legal Authority – Contractor Signatory

Contractor warrants that it possesses the legal authority to enter into this Contract and that it has taken all actions required by its procedures, and by-laws, and/or applicable laws to exercise that authority, and to lawfully authorize its undersigned signatory to execute this Contract, or any part thereof, and to bind Contractor to its terms. If requested by the State, Contractor shall provide the State with proof of Contractor's authority to enter into this Contract within 15 days of receiving such request.

C. Licenses, Permits, Etc.

Contractor represents and warrants that as of the Effective Date it has, and that at all times during the term hereof it shall have and maintain, at its sole expense, all licenses, certifications, approvals, insurance, permits, and other authorizations required by law to perform its obligations hereunder. Contractor warrants that it shall maintain all necessary licenses, certifications, approvals, insurance, permits, and other authorizations required to properly perform this Contract, without reimbursement by the State or other adjustment in Contract Funds. Additionally, all employees, agents, and Subcontractors of Contractor performing Services under this Contract shall hold all required licenses or certifications, if any, to perform their responsibilities. Contractor, if a foreign corporation or other foreign entity transacting business in the State of Colorado, further warrants that it currently has obtained and shall maintain any applicable certificate of authority to transact business in the State of Colorado and has designated a registered agent in Colorado to accept service of process. Any revocation, withdrawal or non-renewal of licenses, certifications, approvals, insurance, permits or any such similar requirements necessary for Contractor to properly perform the terms of this Contract is a material breach by Contractor and constitutes grounds for termination of this Contract.

13. INSURANCE

Contractor and its Subcontractors shall obtain and maintain insurance as specified in this section at all times during the term of this Contract. All policies evidencing the insurance coverage required hereunder shall be issued by insurance companies satisfactory to Contractor and the State.

A. Contractor

i. Public Entities

If Contractor is a "public entity" within the meaning of the Colorado Governmental Immunity Act, CRS §24-10-101, et seq., as amended (the "GIA"), then Contractor shall maintain at all times during the term of this Contract such liability insurance, by commercial policy or self-insurance, as is necessary to meet its liabilities under the GIA. Contractor shall show proof of such insurance satisfactory to the State, if requested by the State. Contractor shall require each contract with a Subcontractor that is a public entity, to include the insurance requirements necessary to meet such Subcontractor's liabilities under the GIA.

ii. Non-Public Entities

If Contractor is not a "public entity" within the meaning of the GIA, Contractor shall obtain and maintain during the term of this Contract insurance coverage and policies meeting the same requirements set forth in §13(B) with respect to Subcontractors that are not "public entities".

B. Contractors - Subcontractors

Contractor shall require each contract with Subcontractors other than those that are public entities, providing Goods or Services in connection with this Contract, to include insurance requirements substantially similar to the following:

i. Worker's Compensation

Worker's Compensation Insurance as required by State statute, and Employer's Liability Insurance covering all of Contractor or Subcontractor employees acting within the course and scope of their employment.

ii. General Liability

Commercial General Liability Insurance written on ISO occurrence form CG 00 01 10/93 or equivalent, covering premises operations, fire damage, independent contractors, products and completed operations, blanket contractual liability, personal injury, and advertising liability with minimum limits as follows: (a) \$1,000,000 each occurrence; (b) \$1,000,000 general aggregate; (c) \$1,000,000 products and completed operations aggregate; and (d) \$50,000 any one fire.

If any aggregate limit is reduced below \$1,000,000 because of claims made or paid, Subcontractor shall immediately obtain additional insurance to restore the full aggregate limit and furnish to Contractor a certificate or other document satisfactory to Contractor showing compliance with this provision.

iii. Automobile Liability

Automobile Liability Insurance covering any auto (including owned, hired and non-owned autos) with a minimum limit of \$1,000,000 each accident combined single limit.

iv. Additional Insured

The State shall be named as additional insured on all Commercial General Liability and Automobile Liability Insurance policies (leases and construction contracts require additional insured coverage for completed operations on endorsements CG 2010 11/85, CG 2037, or equivalent) required of Contractor and any Subcontractors hereunder.

v. Primacy of Coverage

Coverage required of Contractor and Subcontractor shall be primary over any insurance or self-insurance program carried by Contractor or the State.

vi. Cancellation

The above insurance policies shall include provisions preventing cancellation or non-renewal without at least 30 days prior notice to Contractor and Contractor shall forward such notice to the State in accordance with §16 (Notices and Representatives) within seven days of Contractor's receipt of such notice.

vii. Subrogation Waiver

All insurance policies in any way related to this Contract and secured and maintained by Contractor or its Subcontractors as required herein shall include clauses stating that each carrier shall waive all rights of recovery, under subrogation or otherwise, against Contractor or the State, its agencies, institutions, organizations, officers, agents, employees, and volunteers.

C. Certificates

Contractor and all Subcontractors shall provide certificates showing insurance coverage required hereunder to the State within seven business days of the Effective Date of this Contract. No later than 15 days prior to the expiration date of any such coverage, Contractor and each Subcontractor shall deliver to the State or Contractor certificates of insurance evidencing renewals thereof. In addition, upon request by the State at any other time during the term of this Contract or any subcontract, Contractor and each Subcontractor shall, within 10 days of such request, supply to the State evidence satisfactory to the State of compliance with the provisions of this §13.

14. BREACH

A. Defined

In addition to any breaches specified in other sections of this Contract, the failure of either Party to perform any of its material obligations hereunder, in whole or in part or in a timely or satisfactory manner, constitutes a breach. The institution of proceedings under any bankruptcy, insolvency, reorganization or similar law, by or against Contractor, or the appointment of a receiver or similar officer for Contractor or any of its property, which is not vacated or fully stayed within 20 days after the institution or occurrence thereof, shall also constitute a breach.

B. Notice and Cure Period

In the event of a breach, notice of such shall be given in writing by the aggrieved Party to the other Party in the manner provided in §16. If such breach is not cured within 30 days of receipt of written notice, or if a cure cannot be completed within 30 days, or if cure of the breach has not begun within 30 days and pursued with due diligence, the State may exercise any of the remedies set forth in §15. Notwithstanding anything to the contrary herein, the State, in its sole discretion, need not provide advance notice or a cure period and may immediately terminate this Contract in whole or in part if reasonably necessary to preserve public safety or to prevent immediate public crisis.

15. REMEDIES

If Contractor is in breach under any provision of this Contract, the State shall have all of the remedies listed in this §15 in addition to all other remedies set forth in other sections of this Contract following the notice and cure period set forth in §14(B). The State may exercise any or all of the remedies available to it, in its sole discretion, concurrently or consecutively.

A. Termination for Cause and/or Breach

The State may terminate this entire Contract or any part of this Contract. Exercise by the State of this right shall not be a breach of its obligations hereunder. Contractor shall continue performance of this Contract to the extent not terminated, if any.

i. Obligations and Rights

To the extent specified in any termination notice, Contractor shall not incur further obligations or render further performance hereunder past the effective date of such notice, and shall terminate outstanding orders and subcontracts with third parties. However, Contractor shall complete and deliver to the State all Work, Services and Goods not cancelled by the termination notice and may incur obligations as are necessary to do so within this Contract's terms. At the sole discretion of the State, Contractor shall assign to the State all of Contractor's right, title, and interest under such terminated orders or subcontracts. Upon termination, Contractor shall take timely, reasonable and necessary action to protect and preserve property in the possession of Contractor in which the State has an interest. All materials owned by the State in the possession of Contractor shall be immediately returned to the State. All Work Product, at the option of the State, shall be delivered by Contractor to the State and shall become the State's property.

ii. Payments

The State shall reimburse Contractor only for accepted performance up to the date of termination. If, after termination by the State, it is determined that Contractor was not in breach or that Contractor's action or inaction was excusable, such termination shall be treated as a termination in the public interest and the rights and obligations of the Parties shall be the same as if this Contract had been terminated in the public interest, as described herein.

iii. Damages and Withholding

Notwithstanding any other remedial action by the State, Contractor shall remain liable to the State for any damages sustained by the State by virtue of any breach under this Contract by Contractor and the State may withhold any payment to Contractor for the purpose of mitigating the State's damages, until such time as the exact amount of damages due to the State from Contractor is determined. The State may withhold any amount that may be due Contractor as the State deems necessary to protect the State against loss, including loss as a result of outstanding liens, claims of former lien holders, or for the excess costs incurred in procuring similar goods or services. Contractor shall be liable for excess costs incurred by the State in procuring from third parties replacement Work, Services or substitute Goods as cover.

B. Early Termination in the Public Interest

The State is entering into this Contract for the purpose of carrying out the public policy of the State of Colorado, as determined by its Governor, General Assembly, and/or Courts. If this Contract ceases to further the public policy of the State, the State, in its sole discretion, may terminate this Contract in whole or in part. Exercise by the State of this right shall not constitute a breach of the State's obligations hereunder. This subsection shall not apply to a termination of this Contract by the State for cause or breach by Contractor, which shall be governed by §15(A) or as otherwise specifically provided for herein.

i. Method and Content

The State shall notify Contractor of such termination in accordance with §16. The notice shall specify the effective date of the termination and whether it affects all or a portion of this Contract.

ii. Obligations and Rights

Upon receipt of a termination notice, Contractor shall be subject to and comply with the same obligations and rights set forth in §15(A)(i).

iii. Payments

If this Contract is terminated by the State pursuant to this §15(B), Contractor shall be paid an amount which bears the same ratio to the total reimbursement under this Contract as Contractor's obligations that were satisfactorily performed bear to the total obligations set forth in this Contract, less payments previously made. Additionally, if this Contract is less than 60% completed, the State may reimburse Contractor for a portion of actual out-of-pocket expenses (not otherwise reimbursed under this Contract) incurred by Contractor which are directly attributable to the uncompleted portion of Contractor's obligations hereunder; provided that the sum of any and all reimbursement shall not exceed the maximum amount payable to Contractor hereunder.

C. Remedies Not Involving Termination

The State, in its sole discretion, may exercise one or more of the following remedies in addition to other remedies available to it:

i. Suspend Performance

Suspend Contractor's performance with respect to all or any portion of this Contract pending necessary corrective action as specified by the State without entitling Contractor to an adjustment in price/cost or performance schedule. Contractor shall promptly cease performance and incurring costs in accordance with the State's directive and the State shall not be liable for costs incurred by Contractor after the suspension of performance under this provision.

ii. Withhold Payment

Withhold payment to Contractor until corrections in Contractor's performance are satisfactorily made and completed.

iii. Deny Payment

Deny payment for those obligations not performed, that due to Contractor's actions or inactions, cannot be performed or, if performed, would be of no value to the State; provided, that any denial of payment shall be reasonably related to the value to the State of the obligations not performed.

iv. Removal

Notwithstanding any other provision herein, the State may demand immediate removal of any of Contractor's employees, agents, or Subcontractors whom the State deems incompetent, careless, insubordinate, unsuitable, or otherwise unacceptable, or whose continued relation to this Contract is deemed to be contrary to the public interest or the State's best interest.

v. Intellectual Property

If Contractor infringes on a patent, copyright, trademark, trade secret or other intellectual property right while performing its obligations under this Contract, Contractor shall, at the State's option **(a)** obtain for the State or Contractor the right to use such products and services; **(b)** replace any Goods, Services, or other product involved with non-infringing products or modify them so that they become non-infringing; or, **(c)** if neither of the foregoing alternatives are reasonably available, remove any infringing Goods, Services, or products and refund the price paid therefore to the State.

16. NOTICES and REPRESENTATIVES

Each individual identified below is the principal representative of the designating Party. All notices required to be given hereunder shall be hand delivered with receipt required or sent by certified or registered mail to such Party's principal representative at the address set forth below. In addition to, but not in lieu of a hard-copy notice, notice also may be sent by e-mail to the e-mail addresses, if any, set forth below. Either Party may from time to time designate by written notice substitute addresses or persons to whom such notices shall be sent. Unless otherwise provided herein, all notices shall be effective upon receipt.

A. State:

Tim Feehan
Colorado Water Conservation Board
1313 Sherman ST #723
Denver, CO 80203
tim.feehan @state.co.us

B. Contractor:

Travis Smith, Manager
San Luis Valley Irrigation Dis.
PO Box 637
269 Miles ST
Center, CO 81125
slvid@centurytel.net

17. RIGHTS IN DATA, DOCUMENTS, AND COMPUTER SOFTWARE

Any software, research, reports, studies, data, photographs, negatives or other documents, drawings, models, materials, or Work Product of any type, including drafts, prepared by Contractor in the performance of its obligations under this Contract shall be the exclusive property of the State and, all Work Product shall be delivered to the State by Contractor upon completion or termination hereof. The State's exclusive rights in such Work Product shall include, but not be limited to, the right to copy, publish, display, transfer, and prepare derivative works. Contractor shall not use, willingly allow, cause or permit such Work Product to be used for any purpose other than the performance of Contractor's obligations hereunder without the prior written consent of the State.

18. GOVERNMENTAL IMMUNITY

Liability for claims for injuries to persons or property arising from the negligence of the State of Colorado, its departments, institutions, agencies, boards, officials, and employees is controlled and limited by the provisions of the Governmental Immunity Act §24-10-101, et seq. and the risk management statutes, CRS §24-30-1501, et seq., as amended.

19. STATEWIDE CONTRACT MANAGEMENT SYSTEM

If the maximum amount payable to Contractor under this Contract is \$100,000 or greater, either on the Effective Date or at anytime thereafter, this §19 applies.

Contractor agrees to be governed, and to abide, by the provisions of CRS §24-102-205, §24-102-206, §24-103-601, §24-103.5-101 and §24-105-102 concerning the monitoring of vendor performance on state contracts and inclusion of contract performance information in a statewide contract management system.

Contractor's performance shall be subject to Evaluation and Review in accordance with the terms and conditions of this Contract, State law, including CRS §24-103.5-101, and State Fiscal Rules, Policies and Guidance. Evaluation and Review of Contractor's performance shall be part of the normal contract administration process and Contractor's performance will be systematically recorded in the statewide Contract Management System. Areas of Evaluation and Review shall include, but shall not be limited to quality, cost and timeliness. Collection of information relevant to the performance of Contractor's obligations under this Contract shall be determined by the specific requirements of such obligations and shall include factors tailored to match the requirements of Contractor's obligations. Such performance information shall be entered into the statewide Contract Management System at intervals established herein and a final Evaluation, Review and Rating shall be rendered within 30 days of the end of the Contract term. Contractor shall be notified following each performance Evaluation and Review, and shall address or correct any identified problem in a timely manner and maintain work progress.

Should the final performance Evaluation and Review determine that Contractor demonstrated a gross failure to meet the performance measures established hereunder, the Executive Director of the Colorado Department of Personnel and Administration (Executive Director), upon request by the CWCB, and showing of good cause, may debar Contractor and prohibit Contractor from bidding on future contracts. Contractor may contest the final Evaluation, Review and Rating by: **(a)** filing rebuttal statements, which may result in either removal or correction of the evaluation (CRS §24-105-102(6)), or **(b)** under CRS §24-105-102(6), exercising the debarment protest and appeal rights provided in CRS §§24-109-106, 107, 201 or 202, which may result in the reversal of the debarment and reinstatement of Contractor, by the Executive Director, upon a showing of good cause.

20. GENERAL PROVISIONS

A. Assignment and Subcontracts

Contractor's rights and obligations hereunder are personal and may not be transferred, assigned or subcontracted without the prior, written consent of the State. Any attempt at assignment, transfer, subcontracting without such consent shall be void. All assignments, subcontracts, or Subcontractors approved by Contractor or the State are subject to all of the provisions hereof. Contractor shall be solely responsible for all aspects of subcontracting arrangements and performance.

B. Binding Effect

Except as otherwise provided in **§20(A)**, all provisions herein contained, including the benefits and burdens, shall extend to and be binding upon the Parties' respective heirs, legal representatives, successors, and assigns.

C. Captions

The captions and headings in this Contract are for convenience of reference only, and shall not be used to interpret, define, or limit its provisions.

D. Counterparts

This Contract may be executed in multiple identical original counterparts, all of which shall constitute one agreement.

E. Entire Understanding

This Contract represents the complete integration of all understandings between the Parties and all prior representations and understandings, oral or written, are merged herein. Prior or contemporaneous additions, deletions, or other changes hereto shall not have any force or effect whatsoever, unless embodied herein.

F. Indemnification

Contractor shall indemnify, save, and hold harmless the State, its employees and agents, against any and all claims, damages, liability and court awards including costs, expenses, and attorney fees and related costs, incurred as a result of any act or omission by Contractor, or its employees, agents, Subcontractors, or assignees pursuant to the terms of this Contract; however, the provisions hereof shall not be construed or interpreted as a waiver, express or implied, of any of the immunities, rights, benefits, protection, or other provisions, of the Colorado Governmental Immunity Act, CRS §24-10-101 et seq., or the Federal Tort Claims Act, 28 U.S.C. 2671 et seq., as applicable, as now or hereafter amended.

G. Jurisdiction and Venue

All suits or actions related to this Contract shall be filed and proceedings held in the State of Colorado and exclusive venue shall be in the City and County of Denver.

H. Modification**i. By the Parties**

Except as specifically provided in this Contract, modifications of this Contract shall not be effective unless agreed to in writing by the Parties in an amendment to this Contract, properly executed and approved in accordance with applicable Colorado State law, State Fiscal Rules. Modifications permitted under this Contract, other than contract amendments, shall conform to the Policies of the Office of the State Controller, including, but not limited to, the policy entitled MODIFICATIONS OF CONTRACTS - TOOLS AND FORMS.

ii. By Operation of Law

This Contract is subject to such modifications as may be required by changes in Federal or Colorado State law, or their implementing regulations. Any such required modification automatically shall be incorporated into and be part of this Contract on the effective date of such change, as if fully set forth herein.

I. Order of Precedence

The provisions of this Contract shall govern the relationship of the Parties. In the event of conflicts or inconsistencies between this Contract and its exhibits and attachments, including, but not limited to, those provided by Contractor, such conflicts or inconsistencies shall be resolved by reference to the documents in the following order of priority:

- i. Colorado Special Provisions,
- ii. The provisions of the main body of this Contract,
- iii. Exhibit A.

J. Severability

Provided this Contract can be executed and performance of the obligations of the Parties accomplished within its intent, the provisions hereof are severable and any provision that is declared invalid or becomes inoperable for any reason shall not affect the validity of any other provision hereof, provided that the Parties can continue to perform their obligations under this Contract in accordance with its intent.

K. Survival of Certain Contract Terms

Notwithstanding anything herein to the contrary, provisions of this Contract requiring continued performance, compliance, or effect after termination hereof, shall survive such termination and shall be enforceable by the State if Contractor fails to perform or comply as required.

L. Taxes

The State is exempt from all federal excise taxes under IRC Chapter 32 (No. 84-730123K) and from all State and local government sales and use taxes under CRS §§39-26-101 and 201 et seq. Such exemptions apply when materials are purchased or services are rendered to benefit the State; provided however, that certain political subdivisions (e.g., City of Denver) may require payment of sales or use taxes even though the product or service is provided to the State. Contractor shall be solely liable for paying such taxes as the State is prohibited from paying or reimbursing Contractor for such taxes.

M. Third Party Beneficiaries

Enforcement of this Contract and all rights and obligations hereunder are reserved solely to the Parties. Any services or benefits which third parties receive as a result of this Contract are incidental to the Contract, and do not create any rights for such third parties.

N. Waiver

Waiver of any breach under a term, provision, or requirement of this Contract, or any right or remedy hereunder, whether explicitly or by lack of enforcement, shall not be construed or deemed as a waiver of any subsequent breach of such term, provision or requirement, or of any other term, provision, or requirement.

O. CORA Disclosure

To the extent not prohibited by federal law, this Contract and the performance measures and standards under CRS §24-103.5-101, if any, are subject to public release through the Colorado Open Records Act, CRS §24-72-101, et seq.

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21. COLORADO SPECIAL PROVISIONS

These Special Provisions apply to all Contracts except where noted in italics.

A. 1. CONTROLLER'S APPROVAL. CRS §24-30-202 (1).

This Contract shall not be valid until it has been approved by the Colorado State Controller or designee.

B. 2. FUND AVAILABILITY. CRS §24-30-202(5.5).

Financial obligations of the State payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted, and otherwise made available.

C. 3. GOVERNMENTAL IMMUNITY.

No term or condition of this Contract shall be construed or interpreted as a waiver, express or implied, of any of the immunities, rights, benefits, protections, or other provisions, of the Colorado Governmental Immunity Act, CRS §24-10-101 et seq., or the Federal Tort Claims Act, 28 U.S.C. §§1346(b) and 2671 et seq., as applicable now or hereafter amended.

D. 4. INDEPENDENT CONTRACTOR

Contractor shall perform its duties hereunder as an independent contractor and not as an employee. Neither Contractor nor any agent or employee of Contractor shall be deemed to be an agent or employee of the State. Contractor and its employees and agents are not entitled to unemployment insurance or workers compensation benefits through the State and the State shall not pay for or otherwise provide such coverage for Contractor or any of its agents or employees. Unemployment insurance benefits will be available to Contractor and its employees and agents only if such coverage is made available by Contractor or a third party. Contractor shall pay when due all applicable employment taxes and income taxes and local head taxes incurred pursuant to this Contract. Contractor shall not have authorization, express or implied, to bind the State to any agreement, liability or understanding, except as expressly set forth herein. Contractor shall (a) provide and keep in force workers' compensation and unemployment compensation insurance in the amounts required by law, (b) provide proof thereof when requested by the State, and (c) be solely responsible for its acts and those of its employees and agents.

E. 5. COMPLIANCE WITH LAW.

Contractor shall strictly comply with all applicable federal and State laws, rules, and regulations in effect or hereafter established, including, without limitation, laws applicable to discrimination and unfair employment practices.

F. 6. CHOICE OF LAW.

Colorado law, and rules and regulations issued pursuant thereto, shall be applied in the interpretation, execution, and enforcement of this Contract. Any provision included or incorporated herein by reference which conflicts with said laws, rules, and regulations shall be null and void. Any provision incorporated herein by reference which purports to negate this or any other Special Provision in whole or in part shall not be valid or enforceable or available in any action at law, whether by way of complaint, defense, or otherwise. Any provision rendered null and void by the operation of this provision shall not invalidate the remainder of this Contract, to the extent capable of execution.

G. 7. BINDING ARBITRATION PROHIBITED.

The State of Colorado does not agree to binding arbitration by any extra-judicial body or person. Any provision to the contrary in this Contract or incorporated herein by reference shall be null and void.

H. 8. SOFTWARE PIRACY PROHIBITION. Governor's Executive Order D 002 00.

State or other public funds payable under this Contract shall not be used for the acquisition, operation, or maintenance of computer software in violation of federal copyright laws or applicable licensing restrictions. Contractor hereby certifies and warrants that, during the term of this Contract and any extensions, Contractor has and shall maintain in place appropriate systems and controls to prevent such improper use of public funds. If the State determines that Contractor is in violation of this provision, the State may exercise any remedy available at law or in equity or under this Contract, including, without limitation, immediate termination of this Contract and any remedy consistent with federal copyright laws or applicable licensing restrictions.

I. 9. EMPLOYEE FINANCIAL INTEREST/CONFLICT OF INTEREST. CRS §§24-18-201 and 24-50-507.

The signatories aver that to their knowledge, no employee of the State has any personal or beneficial interest whatsoever in the service or property described in this Contract. Contractor has no interest and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with the performance of Contractor's services and Contractor shall not employ any person having such known interests.

J. 10. VENDOR OFFSET. CRS §§24-30-202 (1) and 24-30-202.4.

[Not applicable to intergovernmental agreements] Subject to CRS §24-30-202.4 (3.5), the State Controller may withhold payment under the State's vendor offset intercept system for debts owed to State agencies for: (a) unpaid child support debts or child support arrearages; (b) unpaid balances of tax, accrued interest, or other charges specified in CRS §39-21-101, et seq.; (c) unpaid loans due to the Student Loan Division of the Department of Higher Education; (d) amounts required to be paid to the Unemployment Compensation Fund; and (e) other unpaid debts owing to the State as a result of final agency determination or judicial action.

K. 11. PUBLIC CONTRACTS FOR SERVICES. CRS §8-17.5-101.

[Not applicable to agreements relating to the offer, issuance, or sale of securities, investment advisory services or fund management services, sponsored projects, intergovernmental agreements, or information technology services or products and services] Contractor certifies, warrants, and agrees that it does not knowingly employ or contract with an illegal alien who will perform work under this Contract and will confirm the employment eligibility of all employees who are newly hired for employment in the United States to perform work under this Contract, through participation in the E-Verify Program or the State program established pursuant to CRS §8-17.5-102(5)(c), Contractor shall not knowingly employ or contract with an illegal alien to perform work under this Contract or enter into a contract with a Subcontractor that fails to certify to Contractor that the Subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this Contract. Contractor (a) shall not use E-Verify Program or State program procedures to undertake pre-employment screening of job applicants while this Contract is being performed, (b) shall notify the Subcontractor and the contracting State agency within three days if Contractor has actual knowledge that a Subcontractor is employing or contracting with an illegal alien for work under this Contract, (c) shall terminate the subcontract if a Subcontractor does not stop employing or contracting with the illegal alien within three days of receiving the notice, and (d) shall comply with reasonable requests made in the course of an investigation, undertaken pursuant to CRS §8-17.5-102(5), by the Colorado Department of Labor and Employment. If Contractor participates in the State program, Contractor shall deliver to the contracting State agency, Institution of Higher Education or political subdivision, a written, notarized affirmation, affirming that Contractor has examined the legal work status of such employee, and shall comply with all of the other requirements of the State program. If Contractor fails to comply with any requirement of this provision or CRS §8-17.5-101 et seq., the contracting State agency, institution of higher education or political subdivision may terminate this Contract for breach and, if so terminated, Contractor shall be liable for damages.

L. 12. PUBLIC CONTRACTS WITH NATURAL PERSONS. CRS §24-76.5-101.

Contractor, if a natural person eighteen (18) years of age or older, hereby swears and affirms under penalty of perjury that he or she (a) is a citizen or otherwise lawfully present in the United States pursuant to federal law, (b) shall comply with the provisions of CRS §24-76.5-101 et seq., and (c) has produced one form of identification required by CRS §24-76.5-103 prior to the effective date of this Contract.

SPs Effective 1/1/09


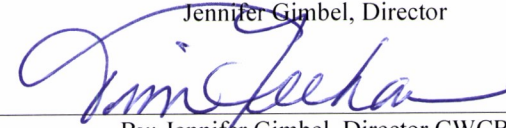
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22. SIGNATURE PAGE

Contract Routing Number #51454

THE PARTIES HERETO HAVE EXECUTED THIS CONTRACT

* Persons signing for Contractor hereby swear and affirm that they are authorized to act on Contractor's behalf and acknowledge that the State is relying on their representations to that effect.

<p>CONTRACTOR San Luis Irrigation District By: Randall K. Palmgren Title: President</p> <p> *Signature</p> <p>Date: <u>12/05/12</u></p>	<p>STATE OF COLORADO John W. Hickenlooper, Governor Colorado Water Conservation Board Jennifer Gimbel, Director</p> <p> By: Jennifer Gimbel, Director CWCB</p> <p>Date: <u>12-7-12</u></p>
<p>2nd Contractor Signature if Needed By: Title:</p> <p>_____ *Signature</p> <p>Date: _____</p>	<p>LEGAL REVIEW John W. Suthers, Attorney General</p> <p>By: <u>NA</u> Signature - Assistant Attorney General</p> <p>Date: _____</p>

ALL CONTRACTS REQUIRE APPROVAL BY THE STATE CONTROLLER

CRS §24-30-202 requires the State Controller to approve all State Contracts. This Contract is not valid until signed and dated below by the State Controller or delegate. Contractor is not authorized to begin performance until such time. If Contractor begins performing prior thereto, the State of Colorado is not obligated to pay Contractor for such performance or for any goods and/or services provided hereunder.

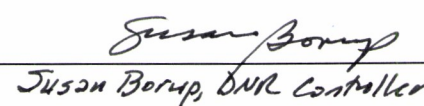
<p>STATE CONTROLLER David J. McDermott, CPA</p> <p>By:  Susan Borup, DNR Controller</p> <p>Date: <u>12/14/12</u></p>
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EXHIBIT A – STATEMENT OF WORK

Exhibit A
Statement of Work
Rio Grande Cooperative Project
November 30, 2012

BACKGROUND

The San Luis Valley Irrigation District (SLVID) owns and operates the Rio Grande Dam and Reservoir on the Rio Grande in southwest Colorado. The dam is a 111-foot high earth and rock fill embankment with a crest elevation of 9470 feet. Key features of the project include the dam with a crest length of approximately 450 feet, an un-gated spillway at the right abutment of the dam, and a low level outlet that includes an 11-foot high by 15-foot wide tunnel with a multiple sluice gate control structure near the middle of the tunnel. The reservoir is approximately six miles in length and 0.50 miles in width, oriented in a roughly northwest-southeast direction and has a capacity of 52,192 acre-feet.

A comprehensive study for rehabilitation and/or enlargement of the dam and reservoir was conducted by D&A and CDM in 2007 and 2008 (*"Rio Grande Multi-Use Rehabilitation and Enlargement Study," CDM, 2008*). That study estimated costs of \$19.2 million for rehabilitation and \$33.2 million for enlargement. In addition, the District has previously conducted studies regarding operations of Rio Grande Reservoir. The Rio Grande Reservoir Multi-Use Project Studies (collectively "Multi-Use Studies") identified basin-wide benefits from the use of storage and re-operations of Rio Grande Reservoir. These studies also concluded that CPW can particularly benefit from storage in Rio Grande Reservoir as it relies upon storage to manage some of its water resources. In recent years, under a non-permanent lease agreement, CPW, the San Luis Valley Water Conservancy District and others have stored up to 10,000 AF of water in Rio Grande Reservoir. In addition, the benefits of compact storage for Rio Grande Compact compliance and basin administration were outlined. The Multi-Use Studies revealed that Rio Grande Reservoir must be rehabilitated in order to provide long-term regulation of CPW water rights and other basin water supplies as well as storage for compact compliance.

Construction of the dam began around 1908 with completion in 1914. The dam was constructed in a narrow valley between a massive volcanic formation known as Fish Canyon Tuff (at the right abutment) and a large rock slide that is a mixture of clays, sands, gravels, and large blocks of tuff (at the left abutment). The highly permeable rock slide material at the left abutment has been problematic since the first filling of the reservoir where seepage of the order of 1,500 gpm has been measured in the left abutment, with a total combined seepage of 2,500 gpm downstream of the dam. The seepage flow is responsive to reservoir elevation with flows increasing significantly at higher reservoir elevations (at gage 60 and above).

The dam was originally constructed with an unlined spillway at the right abutment. The spillway has been modified since its original construction by lengthening the crest of the spillway and lining the spillway deck and walls with concrete. A recent analysis on the spillway, performed by CDM in 2008, suggests that the spillway training walls are insufficient in height to pass the required 6,600 cfs design flow. The training wall height deficiencies exist at the entrance of the structure and continue throughout its length. The greatest concern with the spillway training wall heights exists on the left side. Any overflow of the left training walls has the potential to threaten the right abutment of the main dam. Based on the 2008 study, this appears at flows below the design flow of 6,600 cfs.

The dam safety and operational issues described above combined with the value of the reservoir for optimizing water use for multiple stakeholders in the basin have driven the District to move forward with the rehabilitation of the Rio Grande Dam and Reservoir. The District is a proponent of the Rio Grande Cooperative Project where the District works with multiple stakeholders in the State, primarily the Colorado Water Conservation Board and the Colorado Division of Parks and Wildlife to restore the full use of the reservoir. The project is made up of final design, program/project management and three primary construction components that address structural and/or operational deficiencies of the Reservoir, as described below:

Final Design

The rehabilitation of Rio Grande Reservoir requires that the proposed improvements be designed, managed, and inspected by a professional registered engineer in the State of Colorado. The engineering firm selected to conduct this work will provide overall project management, surveying, geotechnical exploration, geotechnical and hydraulic analysis, and the final design of the spillway, clay blanket liner, bypass tunnel and outlet works. The engineering firm will also provide cost estimating, QA/QC for the project, respond to State Engineer comments and assist with bidding and award for the project. ***This work is currently being conducted by SLVID under Contract C154210 at a cost of \$1,256,134, under its sub-consultant – Deer and Ault Consultants.***

Program/Project Management

The Rio Grande Cooperative Project involves the coordination and management of many different project components. Some of the key project management issues that need to be addressed prior to the SLVID proceeding forward with construction, are 1) successful negotiation, feasibility analysis and exchange of land between the Forest Service and the SLVID, 2) storage accounts and operation modeling, 3) execution of storage agreements, and 4) overall stakeholder coordination and program management. The successful management of these key issues is vital to the overall success of the Project.

Primary Construction Components

1.) Upstream Clay Blanket - In order to reduce seepage through the rock slide formation at the left dam abutment, a clay blanket slope liner will be installed on the upstream side of the dam at the left abutment. The clay blanket, shown on Figure 1 in plan and Figure 2 in cross-section, will be a zoned fill placed over the rock slide and extending across the west abutment of the dam approximately 100 feet. The zones include a filter layer, low permeability clay core, and cover zone. This improvement is expected to substantially reduce seepage and allow full storage capability of the reservoir to be achieved. Clay liner materials will be obtained by borrowing and processing approximately 20,000 cubic yards of soil and rock material from reservoir property. These areas are described in Figure 1. Processing shall consist of screening various gradations from the existing landslide deposit, as described in Exhibit 1. ***The clay liner material for the construction component described above is currently being conducted under Contract C154213, under its sub-consultant – Brad Moore, at a cost of \$295,699.66.***

2.) Low Level Outlet - The existing low level outlet will be replaced with a hollow jet valve discharge structure at the downstream side of the dam. The existing low level outlet tunnel will continue to be used to provide conveyance between the upstream and downstream portals. The existing sluice gate control structure will either be demolished or abandoned in-place with a bypass tunnel providing conveyance around the structure; this is shown on Figure 1. Schedule constraints for the work and the uncertainty of the demolition costs (for removal of existing sluice gate control structure) suggest that the construction bidding process may be the best way to determine the

most economic solution. To that end, we recommend preparing the bidding documents with two options: Option 1 – Demolish Existing Sluice Gate Structure and Option 2 – Construct Bypass Tunnel and Abandon Sluice Gate Structure. The District can then select which option is most economic based on the results of the bidding. Another important element of the low level outlet works is the provision for the future addition of hydropower. To allow hydropower to be added in the future with minimal disturbance to the primary function of the project, a tap will be provided at the low level outlet (downstream of the tunnel portal) which can be used to route flows to future turbine generator units.

3.) Spillway Improvements – In order to achieve the spillway capacity required by the State engineer's Office (SEO), the entrance training walls will require a substantial raise and the main channel training walls will require a roughly 2 to 6-foot raise. This is expected to be accomplished by a combination of cast-in-place concrete and perhaps shotcrete. Additionally, some of the existing spillway floor slabs will require replacement or rehabilitation due to the condition of the existing concrete.

The CWCB's 2012 Projects Bill authorized and appropriated a \$5 million grant to the SLVID to perform the design and other activities towards the rehabilitation of Rio Grande Reservoir, as part of the Rio Grande Cooperative Project. The 2012 Projects Bill also authorized an additional \$15 million towards the project, as a loan/grant combination, which will be determined by the CWCB board at a later date. CWCB is currently working with SLVID in spending the \$5 million grant funds, which will involve a number of different activities, such as; final design, project management, material and equipment purchase, and various construction activities, over the next few years.

The following Statement of Work will be conducted primarily by San Luis Valley Irrigation District's Sub-Contractor, DiNatale Water Consultants.

SCOPE OF WORK

Task 1 – Assistance with Negotiating a Land Exchange with the Forest Service

Description of Task: The purpose of this task is to assist with negotiating a land exchange with the Forest Service. The District would like to exchange part of its land near the reservoir for Forest Service land directly below the Rio Grande Reservoir dam. This task will be completed by the Rio Grande Cooperative Project Team (Project Team). The Project Team consists of the District, Western Land Group, Tod Smith, the District's attorney, Deere & Ault Consultants and DWC.

1. DWC will coordinate the efforts of the Project Team on securing a land exchange with the Forest Service. Western Land Group will be the lead on this effort.
 - a. Numerous meetings will be held with the Forest Service and Western Land Group to discuss the terms of exchange.
 - b. Development of an exchange proposal for the proposed land exchange.

Task Execution:
The Project Team

Assumptions:
Western Land Group will be the lead and primary contact with the Forest Service

Major Deliverables/Products:

1. Meetings with the Project Team and Forest Service about the land exchange.
2. Review and comment of the land exchange proposal prepared by Western Land Group.

Task 2 – Feasibility Analyses and Permitting for the Land Exchange

Description of Task: The purpose of this task is to perform a feasibility analysis addressing the environmental, technical and political issues associated with the land exchanges as well as address any additional permitting issues associated with a 404 permit, if required. This work product will be prepared for submittal to the Forest Service and its Third Party Contractor (3PC) retained to prepare the Environmental Analysis (EA) for the land exchange. It is intended that work generated for this task can also be used by the Army Corps of Engineers (Corps) for the preparation of a 404 permit, if required, for the outlet works construction.

1. Conduct meetings with the Project Team, Forest Service and the 3PC, the Corps and stakeholders (local and state) to discuss and address any issues or information related to the EA.
2. Coordinate the development of an Environmental Assessment or supporting work of any other 3PC consultants
 - a. Identify and address all pertinent environmental permitting issues.
 - b. Conduct oversight of construction and permitting.
 - c. Provide information on flows from potential operations and develop any new modeling that may be required.
3. Coordinate with the Project Team and Corps on any 404 permitting, if required.

Task Execution:

DiNatale Water Consultants

Assumptions:

DiNatale Water Consultants will develop draft information that can be used by the Forest Service and its 3PC for preparation of the Environmental Assessment.

Major Deliverables/Products:

1. Development and submission of feasibility analysis and other information to the Forest Service and its 3PC for preparation of the EA.

Task 3 – Stakeholder Coordination

Description of Task: The purpose of this task is to inform stakeholders regarding the basin-wide benefits from the use of storage and re-operations of Rio Grande Reservoir. Stakeholder understanding of the need for and benefits of the dam rehabilitation project is important to the success of the project.

1. Conduct meetings and presentations with stakeholders about the benefits of the dam rehabilitation project.
 - a. Coordinate with local and state environmental organizations.
 - b. Provide presentations of modeled flows

Task Execution:

DiNatale Water Consultants

Assumptions:

Major Deliverables/Products:

1. Development of stakeholder outreach presentations and documents.

Task 4 – Storage Accounts and Operations (River Ware) Modeling

Description of Task: The purpose of this task is to refine the River Ware modeling effort of the Rio Grande Cooperative Project to include additional features including river administration.

1. Refine and improve the existing River Ware model to include:
 - a. River administration
 - b. Benefits of dam rehabilitation including increased storage and re-operation
 - c. Additional water rights and storage accounts for compact storage, river administration, Town of Monte Vista, San Luis Valley Water Conservancy District, Groundwater Management Sub districts and other potential storage leaseholders
2. Coordinate with CPW on model inputs and results and present model results to CPW and DNR directors
3. Coordinate with other potential leaseholders on model inputs

Task Execution:

DiNatale Water Consultants

Assumptions:

All necessary data for model refinement and river administration will be provided by the potential leaseholders.

Major Deliverables/Products:

1. Presentation of model results to CPW and DNR directors.

Task 5 – Storage Agreements

Description of Task: The purpose of this task is to assist with the negotiation and development of storage agreements in the Rio Grande Reservoir. The rehabilitation of the reservoir provides the ability for long-term regulation of stakeholder water rights and other basin water supplies as well as storage for compact compliance.

1. Assist with negotiating storage agreements with CPW, water districts and other stakeholders.
2. Provide advice on issues related to participants and storage agreements for multi-use facilities.

Task Execution:

DiNatale Water Consultants

Assumptions:

All necessary data for model refinement and river administration will be provided.

Major Deliverables/Products:

1. Completed storage agreements with all pertinent parties.

Task 6 – Program Management, Coordination and Reporting

Description of Task: This task includes program management, grant administration and reporting, coordination of consulting team and meetings with CWCB staff and other stakeholders as needed. Progress reporting to CWCB will occur every 6 months.

1. CWCB will be provided a progress report every 6 months, beginning from the date of the executed contract. The progress report will 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.
2. Project coordination meetings with the consulting team (Deere and Ault, attorneys and other consultants) and informational meetings with CWCB staff will be held throughout the project.
3. Program oversight and work coordination amongst the Project Team will occur throughout the project.

Task Execution:

DiNatale Water Consultants

Major Deliverables/Products:

1. Progress reports and grants reimbursement requests to CWCB.

Schedule

All the tasks described above will be authorized by the SLVID. The work under these tasks will occur over the entire duration of the Project, which will commence upon execution of this contract and are anticipated to be complete by June 30, 2014.

Compensation

The contract work described above is on a time and material basis with a not to exceed amount of \$239,360. The attached spreadsheet provides a detailed breakdown of the costs associated with each task. It is understood by the parties that as the project evolves and additional data is obtained, that tasks and their associated schedules and costs may be modified (decreased or increased) to reflect current needs for successful completion of the work. It is understood that the SLVID will not exceed the estimated total without first obtaining a fully amendment to the Contract.

PERFORMANCE MONITORING

Performance monitoring for the contract shall include the following:

- (a) Performance measures and standards

The CWCB will have monthly meetings with the vendor and the Construction Co to make sure the project is being completed in a timely manner.

- (b) Accountability.

Regular reporting of project status will occur monthly with the CWCB project manager and the lead project manager from the vendor and the Construction Co.

(c) Monitoring Requirements

The CWCB will have access to all the plans associated with the Rio Grande Dam and Reservoir rehabilitation and enlargement, and will be copied on all progress reports. Each invoice will include information regarding the each portion of the task completed, the units and costs associated with each.

(d) Noncompliance Resolution

In the event of a noncompliance issue the CWCB project manager will contact both the San Luis Valley Irrigation Dist project manager and the construction company's project manager and discuss the problem and work towards a resolution. If this does not work then the issue will be escalated to the Director of the CWCB and the President of the construction Company and the President of the San Luis Valley Irrigation Dist. The CWCB project manager will notify the DNR Purchasing Director and the Assistant Director of the Department. The DNR Assistant Director or the Deputy Director will try and resolve the issue.