

Redmesa Reservoir and Ditch Company

February 26, 2018
Anna Mauss, PE
Colorado Water Conservation Board
1313 Sherman St #718
Denver, CO 80203

RE: Request for Feasibility Study Grant for the Redmesa Reservoir and Ditch Company.

Dear Ms. Mauss,

The Redmesa Reservoir and Ditch Company is planning to pursue a future loan application in accordance with the Colorado Water Conservation Board's Water Project Loan Program for the future enlargement of the Redmesa Reservoir. Prior to the completion of that application the Redmesa Reservoir and Ditch Company is seeking to obtain grant money to complete the Loan Feasibility Study required for the CWCB's Water Project Loan Program.

We have received the attached scope of work from SGM for the completion of the Redmesa Reservoir Enlargement Final Feasibility Study for \$50,000. The Redmesa Reservoir and Ditch Company has committed a total of \$5,000 towards the completion of this Final Feasibility Study and has received a grant of \$20,000 from the Southwestern Water Conservation District (documentation attached). We are requesting a grant amount of \$25,000 from the CWCB to pay for 50% of the cost of the Final Feasibility Study for the Redmesa Reservoir Enlargement project. The Final Feasibility Study will comply with CWCB's Water Project Loan Guidelines.

As requested, the Redmesa Reservoir and Ditch Company has attached a Certificate of Insurance which lists the CWCB as additionally insured, along with the previous three years' Redmesa Reservoir and Ditch Company financial statements. Please let us know if you need any additional information, or have further questions.

Sincerely,



Trent Taylor, Board Member
Redmesa Reservoir and Ditch Company

Attached: SGM Redmesa Reservoir Enlargement Final Feasibility Study Letter, Scope of Work, and Fee Schedule.
Southwestern Water Conservation District's Redmesa Reservoir Enlargement Final Feasibility Study Funding Approval.
Redmesa Reservoir and Ditch Company Certificate of Insurance.
Redmesa Reservoir and Ditch Company Financial Statements for years 2015, 2016, and 2017.

E-mail: ericb@sgm-inc.com

February 16, 2018

E-mail address: trentjtaylor02@gmail.com

Trent Taylor
Redmesa Reservoir and Ditch Company
8097 County Road 100
Hesperus, Colorado 81326

Re: Redmesa Reservoir Enlargement Final Feasibility Study

Dear Mr. Taylor:

We are excited about the upcoming Redmesa Reservoir Enlargement Final Feasibility Study Project. Based upon our discussions with you, Southwestern Water Conservation District and the Colorado Water Conservation Board along with our preliminary review of the available documents, SGM has developed the attached Scope of Work and cost estimate for the Final Feasibility Study Project for the proposed 550 AF Redmesa Reservoir Enlargement. The scoped work items include:

- Review existing documentation and project coordination
- Develop regional partnership and document statewide benefit
- Enlarged Redmesa Reservoir firm yield modeling
- Operational plan development
- Prepare the Final Feasibility Study
- Prepare the CWCB Water Project Loan Application

The estimated total project cost is \$50,000 and is further detailed in the attached scope of work. Once the project funding is secured, SGM will invoice the Redmesa Reservoir and Ditch Company for work completed on a time and materials basis per the attached fee schedule.

SGM will coordinate with the Redmesa Reservoir and Ditch Company and regional stakeholders to develop the final report in accordance with the CWCB Loan Feasibility Study requirements for the purpose of assisting the Redmesa Reservoir and Ditch Company in its pursuit of obtaining CWCB grants and construction loans along with other funding sources.

Sincerely,

SGM

Trent Taylor
February 16, 2018

By _____

Eric Bikis, PG
Project Manager

By _____

Jordan Dimick, PE
Senior Engineer

Attachments: Redmesa Reservoir Enlargement Final Feasibility Study Scope of Work
SGM 2018 Fee Schedule

Cc: Project Files

P:\Project Files\2018-148.001 Redmesa Reservoir & Ditch Company\Contract\SGM Letter RE Final Feasibility Study - 2018-02-16.docx

Redmesa Reservoir Enlargement Final Feasibility Study Scope of Work

Project Phase	Estimated Cost Range	Estimated Number of Hours	Comments
Review existing documentation and project coordination	\$8,000	58	Examine HWE and AECOM Redmesa Reservoir Enlargement Feasibility Studies and estimated project costs; project coordination with stakeholders; and project management.
Develop regional partnership and document statewide benefit	\$7,000	52	Coordinate with regional stakeholders to develop a multi-use and multiple benefit regional partnership for the proposed 550 AF enlargement and will document the statewide benefits.
Enlarged Redmesa Reservoir firm yield modeling	\$8,000	70	Update the 2015 La Plata River Basin StateMod model to assess the firm yield between the inter-reservoir operations of the enlarged Redmesa Reservoir with the Bobby K. Taylor Reservoir and regional partnerships.
Operational plan development	\$7,000	56	Coordinate with regional stakeholders to develop an operational plan for the enlarged Redmesa Reservoir in conjunction with the firm yield modeling to maximize the intended multi-use and multiple benefits for the project.
Prepare the Final Feasibility Study	\$15,000	130	Document the work completed and findings of this project in accordance with the CWCB loan feasibility study requirements.
Prepare the CWCB Water Project Loan Application	\$5,000	54	Work with the Redmesa Reservoir and Ditch Company to prepare the CWCB Water Project Loan Application.
Total	\$50,000	420	

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FEE SCHEDULE 2018
HOURLY RATE

PRINCIPAL ENGINEER.....	\$188.00
SENIOR ENGINEER II	\$161.00
SENIOR ENGINEER I	\$146.00
ENGINEER IV.....	\$129.00
ENGINEER III	\$117.00
ENGINEER II	\$104.00
ENGINEER I	\$ 90.00
SENIOR PROJECT MANAGER.....	\$134.00
PROJECT MANAGER.....	\$124.00
PRINCIPAL CONSULTANT	\$188.00
SENIOR CONSULTANT II	\$150.00
SENIOR CONSULTANT I	\$129.00
CONSULTANT III.....	\$112.00
CONSULTANT II.....	\$ 97.00
CONSULTANT I.....	\$ 87.00
TECHNICIAN III	\$ 75.00
TECHNICIAN II	\$ 64.00
TECHNICIAN I	\$ 54.00
CLERICAL.....	\$ 70.00
SENIOR CADD/GIS	\$124.00
CADD/GIS III.....	\$107.00
CADD/GIS II.....	\$ 97.00
CADD/GIS I.....	\$ 80.00
CONSTRUCTION MANAGER	\$117.00
CONSTRUCTION TECHNICIAN II	\$107.00
CONSTRUCTION TECHNICIAN I	\$ 97.00
SURVEY MANAGER.....	\$150.00
LAND SURVEYOR.....	\$125.00
SURVEY PROJECT MANAGER	\$105.00
SURVEY TECHNICIAN.....	\$ 90.00
FIELD SURVEY (1-Man Crew).....	\$150.00
FIELD SURVEY (2-Man Crew).....	\$200.00
EXPERT TESTIMONY	\$338.00

REIMBURSABLES

<u>Equipment</u>	<u>Rate</u>
Vehicle Mileage	\$0.545/mile
ATV / Snowmobile	\$125.00/day
UTV	\$250.00/day
Flow Tote.....	\$125.00/day

Reproduction

Black & White Plots	\$ 5.50/sheet
Mylar Plots.....	\$19.00/sheet
Color Plots	\$30.00/sheet
Photocopies.....	\$ 0.25/page

Miscellaneous

Overtime will be charged out at 1½ times hourly rate. 10% will be added to all direct expenses, including FedEx, special delivery and courier charges, special consultants, subcontractors, laboratory tests, airfare, lodging, meals, car rental, telephone, outside printing expense, etc.

Interest of 1.5% per month will be charged for invoices past 30 days.



THE SOUTHWESTERN WATER CONSERVATION DISTRICT

Developing and Conserving the Waters of the
SAN JUAN AND DOLORES RIVERS AND THEIR TRIBUTARIES
IN SOUTHWESTERN COLORADO

**West Building – 841 East Second Avenue
DURANGO, COLORADO 81301
(970) 247-1302**

February 22, 2018

Trent Taylor
Red Mesa Reservoir & Ditch Company
3064 CR 19
Hesperus, CO 81326

Re: 2018 Redmesa Dam and Spillway Rehabilitation, Final Feasibility Study

Dear Mr. Taylor

Thank you for the application for emergency financial assistance, which the Southwestern Water Conservation District Board of Directors considered at their February 14 meeting.

After discussing the merits of the application, the Board voted to approve the grant in the full amount of \$20,000. Enclosed with this letter is a *Document of Understanding* that outlines the conditions of the grant. Please review, sign, and return it at your earliest convenience.

We ask that the Red Mesa Reservoir & Ditch Company request the funds when the money is needed in 2018. There is a *Request for Release of Funds* form enclosed that also needs to be signed and sent to our office (or lauras@swwcd.org).

If you have any questions, please contact the District office at (970) 247-1302.

Best Regards,

Bruce Whitehead
Executive Director



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

8/7/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER F&W Insurance Assoc 3005 Center Green Drive Suite 120 Boulder CO 80301		CONTACT NAME: PHONE (A/C, No, Ext): 303-444-4666 FAX (A/C, No): 303-444-8481 E-MAIL ADDRESS:	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A: American Alternative Insurance Corp	
		NAIC # 19720	
INSURED Red Mesa Reservoir & Ditch Company 8877 County Road 100 Hesperus CO 81326		INSURER B:	
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES**CERTIFICATE NUMBER:** 997459968**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:	Y		GPPAPF605061507000	5/1/2017	5/1/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$3,000,000 PRODUCTS - COMP/OP AGG \$3,000,000 \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N / A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The Certificate Holder is hereby named as an Additional Insured, but only in respects to the General Liability portion of this certificate and limited to the operations of the Named Insured.

CERTIFICATE HOLDER**CANCELLATION**

Colorado Water Conservation Board
1313 Sherman St Room 718
Denver CO 80203
USA

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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Income

Cash Receivables & Payables

Cash On Hand January 31 \$45,135.89

Assessments	<u>\$17,721.00</u>
	<u>\$17,721.00</u>

Expenses

Office	\$6.60
Taxes	\$1,100.52
Feasibility Study	\$32,033.35
Maintenance	\$1,001.25
Insurance	\$2,395.00
Labor: Ditch Rider	\$4,606.55
Dues	\$100.00
	<u>\$41,243.27</u>

Accumulated Fund Balance	\$21,613.62
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Bank Balance 12/31/2015	\$21,613.62
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Redmesa Reservoir and Ditch Co.

Profit & Loss

02/10/17

January through December 2016

Accrual Basis

	Jan - Dec 16
Ordinary Income/Expense	
Income	
Sales	72,752.82
Total Income	72,752.82
Expense	
Billable to Joe Freed	1,315.68
Computer and Internet Expenses	
JF's Share Computer expenses	0.00
Computer and Internet Expenses - Other	385.72
Total Computer and Internet Expenses	385.72
Dues and Subscriptions	200.00
Insurance Expense	
Freed's Share of Liability	1,437.00
Liability RRDC's	958.00
Insurance Expense - Other	-1,437.00
Total Insurance Expense	958.00
Office Supplies	
JF's Share Office Supplies	34.80
Postage & Stamps	23.20
Office Supplies - Other	-44.80
Total Office Supplies	13.20
Payroll Vendor	
Dam Tender	
Dam Maintenance	98.00
Mileage	603.60
Dam Tender - Other	859.00
Total Dam Tender	1,560.60
Ditch	
JF's Ditch Expense Reimburse	-1,278.76
RRDC's Share Ditch Riding	1,950.52
Total Ditch	671.76
Secretary/Treasurer	
RRDC's Sec/Treas expenses	-500.00
Secretary/Treasurer - Other	500.00
Total Secretary/Treasurer	0.00
Total Payroll Vendor	2,232.36
Professional Fees	
Dam Project	37,966.65
Legal	81.25
Payable to Joe Freed Prorated	4,092.54
US Treasurer	393.00
Professional Fees - Other	477.91
Total Professional Fees	43,011.35
Property Taxes	32.32
Utilities	0.00
Total Expense	48,148.63
Net Ordinary Income	24,604.19

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Redmesa Reservoir and Ditch Co.

02/10/17

Profit & Loss

Accrual Basis

January through December 2016

	Jan - Dec 16
Other Income/Expense	
Other Income	
Colorado Water Cons. Dist.	30,000.00
Southwestern Water Cons. Dist.	7,011.01
Total Other Income	37,011.01
Net Other Income	37,011.01
Net Income	61,615.20

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02/20/18

Accrual Basis

Redmesa Reservoir and Ditch Co.

Profit & Loss

January through December 2017

	Jan - Dec 17
Ordinary Income/Expense	
Income	
Sales	24,627.00
Transfer Fees	20.00
Total Income	24,647.00
Expense	
Advertising and Promotion	89.55
Dues and Subscriptions	100.00
Insurance Expense	
Liability RRDC's	2,953.00
Total Insurance Expense	2,953.00
Office Supplies	
Postage & Stamps	39.20
Office Supplies - Other	11.60
Total Office Supplies	50.80
Payroll Vendor	
Dam Tender	
Dam Maintenance	1,119.00
Mileage	1,142.40
Dam Tender - Other	1,582.00
Total Dam Tender	3,843.40
Secretary/Treasurer	
RRDC's Sec/Treas expenses	500.00
Total Secretary/Treasurer	500.00
Total Payroll Vendor	4,343.40
Property Taxes	27.04
Rent Expense	60.00
Telephone Expense	90.72
Total Expense	7,714.51
Net Ordinary Income	16,932.49
Net Income	16,932.49