

PH: (719) 539-5425 ~ P.O. BOX 1090 ~ SALIDA, COLORADO 81201

March 17, 2014

Chris Sturm, Project Manager
Colorado Water Conservation Board
Department of Natural Resources
1580 Logan St., Suite 200
Denver, CO 80203

**Re: Colorado Water Conservation Board (CWCB)
Helena Diversion Structure/ BV Boat Chute Improvement
Project Arkansas River Basin Phase 2
UAWCD Reimbursement --\$43,125.00**

Dear Mr. Sturm:

Please reimburse the Upper Arkansas Water Conservancy District (UAWCD) the amount of **\$43,125.00**, in accordance with the above-referenced contract. This request is for completed work on phase 2 from January 1, 2014 through February 27, 2014. All tasks are substantially complete and outlined below.

Task 1: Removal of Existing Structures- ACA Products, Inc. (ACA) removed the existing structure and excavated for improvements. Set grade and compacted the area. Installed blankets following compaction and used subgrade to cover. Blankets were remove and successfully imported leach rock. Compacted and consolidated leach rock and re-established subgrade.

Task 2: Construction and Installation of Concrete Channel and Bypass Structure – (ACA)
Set rebar and forms for the floor of the structure. Installed waterstop and poured concrete floor. Mountain Engineering and Testing verified concrete testing. Set rebar and forms for the walls. Poured concrete walls and Mountain Engineering & Testing verified concrete testing for walls. Summary of concrete testing was sent to ACA and then forwarded to UAWCD Project Engineer Chris Manera.

Task 3: Installation of Control Gate - (ACA) Gate installed and used sealant instead of grout pad. Installed new base plate and grouted into channel.

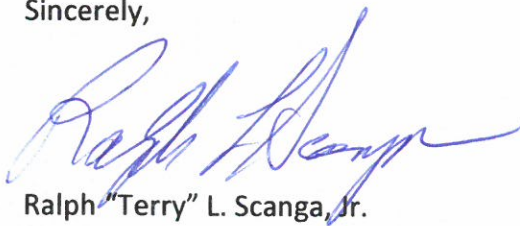
Task 4: Installation of Rock Armoring Erosion Protection- (ACA) Large boulders and riprap were brought in and used to armor the structure on the river side. Extra rock armoring was used on the bypass flow embankment and channel outlet.

Task 5: Engineering and Inspection – (Colorado River Engineering) Pre-construction meeting and inspection plan. Created concrete specifications and reviewed contractor submittals. Submitted a detailed hydraulic analysis of the existing structure and proposed improvements, using HEC Ras software and was revised to analyze multiple improvement scenarios to increase the ditch capacity. Prepared design drawings, technical specifications, and cost estimates for the headgate improvements. Work also included numerous discussions with project members, ditch owners, and manager. A final inspection was performed on February 27, 2014 reporting work substantially complete.

The attached spreadsheet, CWCB Reimbursement Tracking, summarizes reimbursement amounts, the percent of budget spent, and the percent complete on a task-by-task basis. ACA Production, INC. costs are documented on one invoice totaling \$40,000. Colorado River Engineers are documented on 1 invoice totaling \$13,125.00; cost share partners are covering \$10,000 of that amount. All supporting invoices are attached.

Supporting materials are attached as Exhibit A, Exhibit B, and Exhibit C. Exhibit A includes all field inspection report and photos from Colorado River Engineering and Colorado Parks and Wildlife. Exhibit B includes Concrete Testing Tables from Mountain Engineering & Testing. Exhibit C includes all invoices from ACA and Colorado River Engineering. Please contact Terry Scanga at manager@uawcd.com or (719) 539-5425 if you have any questions or if you need any additional information.

Sincerely,



Ralph "Terry" L. Scanga, Jr.
District Manager

Encl: CWCB WSRA Reimbursement Tracking Table
Exhibits A, B, and C

Cc: Dori Vigil, Colorado Water Conservation Board Water Supply Planning Section
1580 Logan Street, Suite 200
Denver CO 80203
(303) 866-3441 x3250
dori.vigil@state.co.us

**Upper Arkansas Water Conservancy District
CWCB WRSR Reimbursement Tracking
Helena Diversion Structure/ BV Boat Chute Improvement Project Arkansas River
Basin Phase 2**

Work Description	Matching Funds	WSRA Funds	Invoiced to date	% Spent	% Complete
Task 1: <u>Removal of Existing Structure</u> Excavating, compacting, adding leach rock, setting grade and subgrade	\$0.00	\$1,083.46	\$1,083.46	100%	100%
Task 2: <u>Construction and Installation of Concrete Channel and Bypass</u> Set rebar and forms, pour concrete, concrete testing	\$0.00	\$25,859.70	\$25,859.70	100%	100%
Task 3: <u>Installation of Control Gate</u> New base plate, used sealant, grouted into channel	\$0.00	\$8,907.80	\$8,907.80	100%	100%
Task 4: <u>Installation of Rock Armoring Erosion Protection</u> rock imported for armoring, revegetate upon acceptable growing conditions	\$0.00	\$4,149.04	\$4,149.04	100%	90%
Task 5: <u>Engineering and Inspection</u> Hydraulic analysis, improvement scenarios, design drawings, inspections	\$10,000.00	\$3,125.00	\$13,125.00	100%	100%

Total Amount Invoiced = \$53,125.00

Total Cost Share = \$10,000

Total WSRA Funds= \$43,125.00

* Additional revegetation will be conducted upon acceptable growing conditions. 10% of task 4 funds will be held by (UAWCD) until completion of revegetation by (ACA).

EXHIBIT A

Field Inspection Reports
&
Project Photos



Field Inspection Report

PROJECT: Helena Ditch Diversion Dam & Headgate Phase II		
JOB NO: 572.12	WEATHER: Pcloudy 45° 11:30 am	DATE: Thursday, feb-27-2014
CONTRACTOR PERSONNEL: ACA (general contractor) Foreman Justin Koch, 2 laborers		
CONTRACTOR EQUIPMENT: Excavator		
Inspectors: Shaun Gordon CDPW		
SUMMARY OF CONSTRUCTION ACTIVITIES: <ul style="list-style-type: none">- ACA was installing gate, approved sealing gate frame with sealant instead of grout pad. Lift mechanism base plate provided by manufacturer needs to be replaced in order to operate gate, ACA contacted manufacturer to ship new base plate. Gate to be grouted into channel invert concrete block out.- Noted damage to top of riverside concrete wall near bypass turnout. ACA to grout repairs.- Bypass channel to river constructed ok, recommended extra rock on site be placed near channel outfall.- Reviewed past inspection reports by Shaun Gordon prior to visit, bar spacing's o.k.. reviewed temperature and concrete installation details on-site- Requested Jon Hollenbeck (via phone call) to provide concrete tests confirmation. ACA reported verbal o.k. from Mountain Engineering and testing on concrete design strengths. Written summary provided by MET by the time this report was written and are attached.- Excavator removing fill placed in ditch between Phase II and second set of existing downstream control gates. Shaun Gordon confirmed grade drop exists between structures using construction laser level.- ACA to revegetate ditch bank and work with neighboring property owner on reclamation of access drive to site		
RESULTS OF INSPECTION: Reported via Email to Terry Scanga work substantially complete. Punch list items include; <ol style="list-style-type: none">1. Install (replace) gate lift base plate, grout invert, operate gate through open close cycle2. Repair Concrete wall damage3. Revegetate, upon acceptable growing conditions		
MATERIALS NOTES: Concrete test results and CDPW inspections attached.		

Field Inspector: Chris Manera, P.E.
COLORADO RIVER ENGINEERING, INC.
PO BOX 1301, RIFLE, CO 81650
970-625-4933/ FAX: 970-625-4564

PAGE 1 OF 1 PLUS 3 PHOTOS

Field Inspection Report



Phase II Concrete Channel & Gate



Bypass Channel to River

Field Inspection Report



Excavating Ditch between Phase II and Downstream Bypass Structure



COLORADO PARKS & WILDLIFE

Southeast Regional Office

4255 Sinton Road • Colorado Springs, Colorado 80907

Phone (719) 227-5250 • FAX (719) 227-5264

wildlife.state.co.us • parks.state.co.us

FIELD INSPECTION REPORT

Project: <u>AHRA – Helena Boat Chute and Diversion – Phase I</u> <u>(UAWCD – Helena Ditch Diversion Structure – Phase II)</u>	Date: <u>February 17, 2014</u>
Project Location: 28107 County Road 301, Buena Vista, CO N38° 49' 43.5", E106° 06' 35.5"	Weather: 23 deg up to 48 deg. at site - sunny.
Contractor: <u>ACA Products, Inc.</u>	
Project Manager/Inspector: <u>Shaun Gordon</u> On Site: <u>7:40am – 2:45pm</u>	
Contractor Equipment: Komatsu PC220LC Excavator w/ Thumb (inactive) Concrete/Ground Heater	Contractor Personnel: <u>ACA</u> Mike Coleman Jon Hollenbeck – Project Manager Justin Koch – Supervisor One Laborer <u>Moltz Constructors (concrete sub)</u> Scott Canchola – Foreman Three Laborers <u>Concrete Testing</u> Mountain Engineering & Testing
Summary of Work: 1. Moltz continued finalized forms and rebar for the wall portion in the morning. Concrete started at noon finished around 2:15 using a conveyor belt dispenser. Contractor was continuing finish work when I left. 2. Mountain Engineering & Testing verified slump and air met spec on two trucks and made cylinders from the first.	
Results of Inspection: Checked form and rebar layout/dimensions, concrete placement, vibration, consolidation and finish work. Appears to meet or exceed minimum requirements of the plans and specifications.	
Other: ACA anticipates forms off by Wednesday and installing gate and backfill operations to take place week of Feb. 24 th .	

FIELD INSPECTION REPORT

Colorado Parks and Wildlife

Wall Forming & Rebar



FIELD INSPECTION REPORT

Colorado Parks and Wildlife

Concrete pour of wall



Concrete pour of wall





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FIELD INSPECTION REPORT

<p>Project: <u>AHRA – Helena Boat Chute and Diversion – Phase I</u> <u>(UAWCD – Helena Ditch Diversion Structure – Phase II)</u></p> <p>Project Location: 28107 County Road 301, Buena Vista, CO N38° 49' 43.5", E106° 06' 35.5"</p> <p>Contractor: <u>ACA Products, Inc.</u></p> <p>Project Manager/Inspector: <u>Shaun Gordon</u> On Site: <u>7:55am – 3:45pm</u></p>	<p>Date: <u>February 13, 2014</u></p> <p>Weather: 26 deg up to 43 deg. at site - sunny w/ wind.</p>
<p><u>Contractor Equipment:</u> Komatsu PC220LC Excavator w/ Thumb (inactive) Concrete/Ground Heater</p>	<p><u>Contractor Personnel:</u> <u>ACA</u> Jon Hollenbeck – Project Manager Justin Koch – Supervisor One Laborer <u>Moltz Constructors (concrete sub)</u> Scott Canchola – Foreman Three Laborers <u>Concrete Testing</u> Mountain Engineering & Testing</p>
<p><u>Summary of Work:</u></p> <ol style="list-style-type: none">1. Moltz continued finalized forms and rebar for the floor portion and installed the waterstop in the morning. Concrete started at noon finished around 2:45 using a conveyor belt dispenser. Contractor was continuing finish work when I left and reportedly covered for the night. Tomorrow they will check and possibly apply heat if necessary.2. Mountain Engineering & Testing verified slump and air met spec on two trucks and made cylinders from the first.	
<p><u>Results of Inspection:</u> Checked form and rebar layout/dimensions, concrete placement, vibration, consolidation and finish work. Appears to meet or exceed minimum requirements of the plans and specifications.</p>	
<p><u>Other:</u></p>	

FIELD INSPECTION REPORT

Colorado Parks and Wildlife

Forming & Rebar



Concrete pour of floor



FIELD INSPECTION REPORT

Colorado Parks and Wildlife

Concrete pour of floor



Concrete pour of floor





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FIELD INSPECTION REPORT

Project: <u>AHRA – Helena Boat Chute and Diversion – Phase I</u> <u>(UAWCD – Helena Ditch Diversion Structure – Phase II)</u>	Date: <u>February 12, 2014</u>
Project Location: 28107 County Road 301, Buena Vista, CO N38° 49' 43.5", E106° 06' 35.5"	Weather: 22 deg up to 40 deg. at site - overcast w/ wind.
Contractor: <u>ACA Products, Inc.</u>	
Project Manager/Inspector: <u>Shaun Gordon</u> On Site: <u>9am – 4:20pm</u>	
<u>Contractor Equipment:</u> Komatsu PC220LC Excavator w/ Thumb Komatsu 320 Front End Loader Concrete/Ground Heater (inactive) Vibratory Plate Compactor	<u>Contractor Personnel:</u> <u>ACA</u> Jon Hollenbeck – Project Manager Justin Koch – Supervisor Two Equipment Operators One Laborer <u>Moltz Constructors (concrete sub)</u> Scott Canchola – Foreman Three Laborers
<u>Summary of Work:</u> 1. Apparent ground water was discovered when blankets were removed this morning. ACA excavated the muck that resulted in an average of 4" over excavation with a maximum around 10" in depth in a few places. Leach rock was imported and sufficiently consolidated/compacted with the excavator bucket followed by a vibratory plate compactor. Once subgrade was re-established, Moltz continued setting forms and rebar.	
<u>Results of Inspection:</u> Checked form and rebar layout/dimensions. Appears to meet or exceed minimum requirements of the plans and specifications.	
<u>Other:</u>	

FIELD INSPECTION REPORT

Colorado Parks and Wildlife

Forming & Rebar



Forming & Rebar





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FIELD INSPECTION REPORT

Project: <u>AHRA – Helena Boat Chute and Diversion – Phase I</u> <u>(UAWCD – Helena Ditch Diversion Structure – Phase II)</u>	Date: <u>February 11, 2014</u>
Project Location: 28107 County Road 301, Buena Vista, CO N38° 49' 43.5", E106° 06' 35.5"	Weather: 9 deg. up to 32 deg. at site clear w/ wind.
Contractor: <u>ACA Products, Inc.</u>	
Project Manager/Inspector: <u>Shaun Gordon</u> On Site: <u>8am – 12:30pm</u>	
<u>Contractor Equipment:</u> Komatsu PC220LC Excavator w/ Thumb (inactive) Komatsu 320 Front End Loader (inactive) Concrete/Ground Heater (inactive)	<u>Contractor Personnel:</u> <u>ACA</u> Jon Hollenbeck – Project Manager <u>Moltz Constructors (concrete sub)</u> Scott Canchola – Foreman Three Laborers
<u>Summary of Work:</u> 1. Flatbed truck with forms showed up at 9am – Moltz started setting forms.	
<u>Results of Inspection:</u> Checked layout/dimensions. Appears to meet or exceed minimum requirements of the plans and specifications.	
<u>Other:</u>	

FIELD INSPECTION REPORT

Colorado Parks and Wildlife

Setting Forms for Diversion Structure





COLORADO PARKS & WILDLIFE

Southeast Regional Office

4255 Sinton Road • Colorado Springs, Colorado 80907

Phone (719) 227-5250 • FAX (719) 227-5264

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FIELD INSPECTION REPORT

Project: <u>AHRA – Helena Boat Chute and Diversion – Phase I</u> <u>(UAWCD – Helena Ditch Diversion Structure – Phase II)</u>	Date: <u>February 10, 2014</u>
Project Location: 28107 County Road 301, Buena Vista, CO N38° 49' 43.5", E106° 06' 35.5"	Weather: 12 deg. up to 30 deg. at site with light snow and wind.
Contractor: <u>ACA Products, Inc.</u>	
Project Manager/Inspector: <u>Shaun Gordon</u> On Site: <u>9am – 11:30am; 3pm – 4:30pm</u>	
<u>Contractor Equipment:</u> Komatsu PC220LC Excavator w/ Thumb Komatsu 320 Front End Loader Vibratory Plate Compactor	<u>Contractor Personnel:</u> <u>ACA</u> Jon Hollenbeck – Project Manager Justin Koch – Supervisor Two Equipment Operators One Laborer <u>Moltz Constructors (concrete sub)</u> Scott Canchola – Foreman Three Laborers
<u>Summary of Work:</u> 1. ACA was excavating for the improvements, setting grade and compacting. Subgrade was covered at the end of the day.	
<u>Results of Inspection:</u> Appears to meet or exceed minimum requirements of the plans and specifications.	
<u>Other:</u>	

FIELD INSPECTION REPORT

Colorado Parks and Wildlife

Excavation for Diversion Structure



Installed Blankets following compaction



EXHIBIT B

Concrete Testing

TO: Chris Manera
Colorado River Engineering, Inc.
136 E. 3rd Street
Rifle, CO 81650
Mobile: 970-618-8135
chris@coloradorivereng.com

SUBMITTAL NO.: 03000-013

NEW SUBMITTAL ☒ OR RESUBMITTAL ☐

Previous Submittal No.:

Specification Section No.: 03000

(Cover only one section with each transmittal)

FROM: Jon Hollenbeck
ACA Products, Inc.
P.O. Box 1887
702 Gregg Drive
Buena Vista, CO 81211
Mobile: 719-207-0891
jon@acaproducts.com

SUBMITTAL TYPE:

☐ SHOP DRAWING ☐ ADMINISTRATIVE
☒ QUALITY CONTROL ☐ SAMPLE

THE FOLLOWING ITEMS ARE HEREBY SUBMITTED:

NUMBER OF COPIES	DESCRIPTION OF ITEMS SUBMITTED (Type, Size, Model, Number, etc.)	SPECIFIC ATION PARAGR APH NUMBER	Variances	CONTAINS VARIATION TO CONTRACT	
				NO	Yes
1	7- Day Concrete Test Results 2-13 & 2-17-2014 Pours	03000-18		X	

CONTRACTOR hereby certifies that (i) CONTRACTOR has complied with the requirements of Contract Documents in preparation, review, and submission of designated Submittal and (ii) the Submittal is complete and in accordance with the Contract Documents and requirements of laws and regulations and governing agencies.

By: 
ACA PRODUCTS, INC.

DATE SUBMITTED: 03/03/2014

ENGINEER'S RESPONSE

☐ FINAL FOR CONSTRUCTION ☐ FOR CORRECTION AND RESUBMITTAL
☐ FINAL FOR CONSTRUCTION, AS CORRECTED ☐ REJECTED - RESUBMIT

BY: _____
Colorado River Engineering, Inc.

DATE RESPONDED: _____

REMARKS:

Summary of Concrete Testing

Client ACA Products	Project Number 13142	Date 02/13/14
Address P.O. Box 1887	Project Name Helena Ditch Boat Ramp	Report Number 5
Attn: Jon Hollenbeck	Project Location Buena Vista, CO	Technician Rich Silkey
	cc:	Weather Mostly Cloudy, 37°F
		Scheduled Time/By 11:00 by ACA

Concrete Supplier: ACA	Mix Design: CDOT Class D	Placement Location: Phase 2, Ditch Slab
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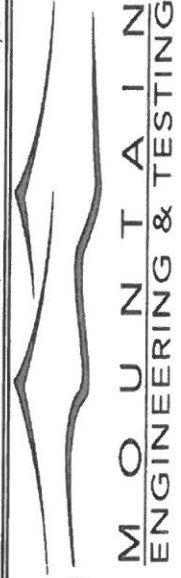
Field Testing										
Ticket Number	Time		Cubic Yards		Water added on-site (gal)	Slump (inches)		Total Air (%)	Concrete Temperature (°F)	Cylinder Set
	Batched	Tested	Batched	Placed		Field	Spec (Max)			
60227	11:41	12:15	8	8	0	4 1/4	2-4	6.8	64	5
60228	12:47	12:50	8	16	0	4	2-4	NM	NM	N/A

Remarks: A slump test for the second truck was requested by Dean with ACA. Results were given to Sean with CPW and Dean with ACA.

Cylinder Compressive Strength Results								
Set #	Cylinder Number	Days Aged	Date Tested	Specimen size (inches)	Area (inches ²)	Load (pounds)	Strength (psi)	Fracture Type
							Cylinder Spec	
5	1	7	02/20/14	4 X 8	12.57	55,440	4,410	2
5	2	28	03/13/14	4 X 8	12.57		4,000	
5	3	28	03/13/14	4 X 8	12.57		4,000	
5	4	H		4 X 8	12.57		4,000	

Remarks:

Concrete Cylinder Storage	Field Storage Facility: Cure Box/Outside	Min/Max Temperature (°F): 64/74
Fracture Codes	1=CONE; 2=CONE/SPLIT; 3=COLUMNAR; 4=SHEAR; 5=SIDE FRACTURE; 6= POINTED SIDE FRACTURE	



1537 G St. Salida, CO 81201

(719)539-2312 Fax (719)530-9111

Summary of Concrete Testing

Client ACA Products	Project Number 13142	Date 02/17/14
Address P.O. Box 1887	Project Name Helena Ditch Boat Ramp	Report Number 6
Attn: Jon Hollenbeck	Project Location Buena Vista, CO	Technician Rich Silkey
	cc:	Weather Clear, 44°F
		Scheduled Time/By 12:00 by ACA

Concrete Supplier: ACA	Concrete & Placement
Mix Design: CDOT Class D	Placement Location: Phase 2, Ditch Walls

Field Testing												
Ticket Number	Time		Cubic Yards		Water added on-site (gal)	Slump (inches)		Total Air (%)		Concrete Temperature (°F)	Unit Weight (pcf)	Cylinder Set
	Batched	Tested	Batched	Placed		Field	Spec (Max)	Field	Spec			
60251	11:48	12:10	8	8	0	4 1/4	2-4	5.9	4%-6%	68	142.8	6
60253	12:25	1:20	8	16	0	4	2-4	NM	4%-6%	NM	NM	N/A
Remarks: A slump test for the second truck was requested by Dean with ACA. Results were given to Sean with CPW and Dean with ACA.												

Cylinder Compressive Strength Results								
Set #	Cylinder Number	Days Aged	Date Tested	Specimen size (inches)	Area (inches ²)	Load (pounds)	Strength (psi) Cylinder Spec	Fracture Type
6	1	7	02/24/14	4 X 8	12.57	59,850	4,760	5
6	2	28	03/17/14	4 X 8	12.57		4,000	
6	3	28	03/17/14	4 X 8	12.57		4,000	
6	4	28	03/17/14	4 X 8	12.57		4,000	
6	5	H						
Remarks:								

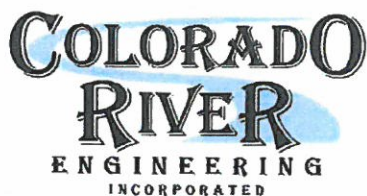
Concrete Cylinder Storage	Field Storage Facility: Cure Box/Outside	Min/Max Temperature (°F): 60/77
Fracture Codes	1=CONE; 2=CONE/SPLIT; 3=COLUMNAR; 4=SHEAR; 5=SIDE FRACTURE; 6= POINTED SIDE FRACTURE	



1537 G St. Salida, CO 8120 (719)539-2312 Fax (719)530-9111

EXHIBIT C

Invoices



Service For:
Upper Arkansas Water Conservancy District PO Box 1090 Salida, CO 81201 (augment@uawcd.com)

Date
2/28/2014

Invoice #
4733

Project	572.12-Helena Ditch
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Work Summary

Job No. 572.12- UAWCD – Helena Ditch

The following billing statement summarizes engineering services completed for the Upper Arkansas Water Conservancy District for assisting with the Helena Ditch project. Work involved field investigations, design, hydraulic analyses to accommodate the replacement and widening of the Helena Ditch Headgate and bypass channel to the Arkansas River. Improvements resulted in the ability to accommodate the increased flows associated with the diversion dam project. Work also included project management and construction observation. This invoice does not summarize total hours completed as time and rates were discounted to keep project costs within budget.

Service Description	Hours	Rate	Amount
Project Engineer	49	105.00	5,145.00
Staff Engineer/Construction Mgmt.	68	85.00	5,780.00
Engineering Technician	10.5	70.00	735.00
Travel Time	21	50.00	1,050.00
Mileage	540	0.65	351.00
Hotel		64.00	64.00

Total	\$13,125.00
Payments/Credits	\$0.00

THANK YOU, PLEASE MAKE CHECKS PAYABLE TO:
Colorado River Engineering, Inc.
PO Box 1301
Rifle, CO 81650
970-625-4933-Office

Total Due \$13,125.00

Submitted by:

Chris Manera, PE
President

ACA PRODUCTS, INC.

JOB: Helena Ditch Best Chute and Diversion Structure
 Owner: Upper Arkansas Water Conservancy District
 LOCATION: Helena Ditch and Arkansas River, Buena Vista, Chaffee County, CO
 PROJECT No.: AR301C91 - Phase II

SCHEDULE OF VALUES
 Application #1 - March 3, 2014

No.	DESCRIPTION	UNIT	ORIGINAL UNITS	PRICE PER UNIT	ORIGINAL	CHANGES	SCHEDULED VALUE	WORK COMPLETED			CURRENT STORED MATERIALS	PREVIOUS STORED MATERIALS	COMPLETED & STORED	%	BALANCE TO FINISH
								PREVIOUS UNITS COMPLETE	CURRENT UNITS COMPLETE	PREVIOUS VALUE					
1	Remove Existing Structures	LS	1	\$ 1,083.46	\$1,083.46		\$1,083.46	0	1	\$0.00			\$1,083.46	100.0%	\$0.00
2	Concrete Diversion Structure	LS	1	\$ 25,859.70	\$25,859.70		\$25,859.70	0	1	\$0.00			\$25,859.70	100.0%	\$0.00
3	Installation of Control Gate	LS	1	\$ 8,907.80	\$8,907.80		\$8,907.80	0	1	\$0.00			\$8,907.80	100.0%	\$0.00
4	Rock Armoring and Erosion Control	LS	1	\$ 4,149.04	\$4,149.04		\$4,149.04	0	1	\$0.00			\$4,149.04	100.0%	\$0.00
CONTRACT TOTALS					\$40,000.00	\$0.00	\$40,000.00			\$0.00	\$0.00	\$0.00	\$40,000.00	100.0%	\$0.00
RETAINAGE AT 5%										\$0.00	\$0.00	\$0.00	\$2,000.00		\$2,000.00
BILLED LESS RETAINAGE										\$0.00	\$0.00	\$0.00	\$38,000.00		\$38,000.00
PAYMENTS RECEIVED															\$0.00
PREVIOUS PAY APPLICATIONS DUE AND PAYABLE															\$0.00
BILLING THIS PAY APPLICATION LESS RETAINAGE & OUTSTANDING RECEIVABLES															\$38,000.00
Balance Remaining on Contract, including unpaid billings															\$40,000.00

Balance Remaining on Contract, including unpaid billings
 ACA Products, Inc. - don Kollenbeck - Project Manager

3/3/2014
 Date

Colorado River Engineering, Inc. - Chris Minerva, Engineer

Date