

DOC # 0761793  
04/08/2010 01:16 PM Deputy: SG

OFFICIAL RECORD

Requested By:  
DC/PUBLIC WORKS

Assessor's Parcel Number: N/A

Date: APRIL 7, 2010

Recording Requested By: \_\_\_\_\_

Douglas County - NV  
Karen Ellison - Recorder  
Page: 1 Of 6 Fee: 0.00  
BK-0410 PG- 1664 RPTT: 0.00



Name: EILEEN CHURCH, PUBLIC WORKS  
(RR)

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Real Property Transfer Tax: \$ N/A

CHANGE ORDER NO 4 (#2010.089)

(Title of Document)

**CHANGE ORDER**

FILED

No. 4

NO. 2010.089

PROJECT: Cave Rock Water System Improvements- PH I PWP-DO-2009-354 2010 APR -7 PM 2: 54

DATE OF ISSUANCE: February 25, 2010 EFFECTIVE DATE: February 25, 2010 TED THIRAN  
CLEVER

OWNER: Douglas County Utilities

*[Signature]*

OWNER's Contract No. PWP-DO-2009-354

CONTRACTOR: Spiess Construction Co., Inc. ENGINEER: HDR Engineering Inc.

You are directed to make the following changes in the Contract Documents.

Description: Provide work described in Creekside's CORs #2rev and #3.

Reason for Change Order: To provide electrical work needed to complete the project but not a part of Contract.

Attachments: Creekside Electrical Change Order Request No. 2rev, and No.3.

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PG- 1665  
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CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price <u>\$651,750.00</u>	Original Contract Times Substantial Completion: August 01, 2010 Ready for final payment: September 01, 2010
Net changes from previous Change Orders No. 1 to No. 3 <u>\$ 21,636.30</u>	Net change from previous Change Orders No. 1 to No. <u>N/A.</u>  0days
Contract Price prior to this Change Order <u>\$673,386.30</u>	Contract Times prior to this Change Order Substantial Completion: <u>August 01, 2010</u> Ready for final payment: <u>September 01, 2010</u>
Net Increase of this Change Order <u>\$1,916.25</u>	Net Increase of this Change Order  0 days
Contract Price with all approved Change Orders <u>\$675,302.55</u>	Contract Times with all approved Change Orders Substantial Completion: <u>August 01, 2010</u> Ready for final payment: <u>September 01, 2010</u>

RECOMMENDED:  
By: *[Signature]*  
Engineer (Authorized Signature)

APPROVED:  
By: *[Signature]*  
Owner (Authorized Signature)

ACCEPTED:  
By: *[Signature]*  
Contractor (Authorized Signature)

Date: 2-25-10

Date: 3/25/10

Date: 3 Mar 2010



**CREEKSIDE ELECTRICAL CONTRACTORS, INC.**

6290 Salk Road Carson City, NV. 89706  
 PH: 775-841-5558 Ex. 775-841-5565  
 NV. Lic.# 50401 CA. Lic.# 915754 DBE #NV01193UCPN

Proposal Submitted to:  
Spies Construction  
1110 E. Clark Av. Suite 201  
Santa Maria, CA 93455  
 Attn: Jamie Jones

CHANGE ORDER REQUEST NO.  
 COR#3

JOB:  
Cave Rock Water Systems Improve  
Phase I

We hereby submit specification and estimates for:  
 Provide and Install Items #1-4 & 8-9 described in Memo from HDR dated February 17, 2010. Memo is requiring additional  
 grounding be provided at the WTP.

THE ABOVE SUBJECT AGREEMENT IS HEREBY CHANGED AS FOLLOWS:

ITEM NO.	DESCRIPTION OF CHANGE	ADD	DEDUCT
1	ground rods, clamps, wire, conduit and fittings	\$276.00	
2	10 hrs @ \$75/hr	\$750.00	
3	P&O @ 15%	\$159.00	
4	Total	\$1,186.00	
		59.50	
		\$1,245.50	

Previous Amount	This Change Order		Revised Amount
	Add	Deduct	
\$141,400.00	\$1,186.00		\$142,586.00

Except as modified by this Change Order (and previous Change Orders, if any) the subject agreement remains unchanged and continues in full force and effect.

Please sign and return the original of this Change Order.

By: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_

By: Jim Andrews  
 Date: 2-19-2010



# Memo

To:	Craig Olson		
From:	Bill Ettlich	Project:	Cave Rock Phase 1
CC:	File		
Date:	February 17, 2010	Job No:	0836387037.036

RE: Cave Rock, Phase I, Grounding Issues

I visited the Cave Rock, Phase I project at request of Dominick because of problems with the underground power feed from Cave Rock WTP to intake and to the valve vault. This is existing work which is not a part of the contract. Dominick found that the 480 volt, 1 phase power feeder from the intake to the valve vault is damaged and is shorting.

We looked at each location and found the following issues with the existing power systems.

A. Intake. The station grounding is incomplete and the ground electrode (grounded to a painted bolt on a pipe flange) is inadequate. The following additional work is needed:

1. Establish a new ground electrode by driving at least 2 ground rods outside the lake intake building.
2. Run #4 AWG ground wire from the ground rods to the 480 volt service panel ground bus.
3. Run #6 AWG ground wire from 480 volt service panel ground bus to 120/240 volt Panel A ground bus.
4. Run #6 AWG jumper from Panel A ground bus to Panel A neutral bus.

*#5, 6, & 7 By County*

8. Be sure all panel and wire way sheet metal is grounded.
9. Ground new pumps back to new VFD panels and back to 480 volt service panel.

B. Cave Rock WTP. Make sure the 480 volt service neutral is solidly grounded at the service panel.

C. Valve Vault.

1. Either replace underground feeder wires from intake to valve vault or establish a new 120/240 volt service for the valve vault at the vault.
2. Check existing ground electrode system to be sure it is good or install new ground.
3. Ground all enclosures and the 120/240 volt system neutral.

*Dominick*

Action:

1. The valve vault is not a part of the contract and I believe Dominick will take care of the new service.
2. The County needs to decide if they want the existing intake power system grounding work done by the contractor or if the County wants to do it. If the contractor is to do it we need to write a proposed change order.
3. I believe Dominick will look at the grounding at the Cave Rock WTP.

COPY

**CERTIFIED COPY**

The document to which this certificate is attached is a full, true and correct copy of the original on file and on record in my office.

DATE: April 7, 2010  
Clerk of the 4th Judicial District Court  
of the State of Nevada, in and for the County of Douglas.  
By: [Signature] Deputy