

Assessor's Parcel Number: N/A

Date: AUGUST 7, 2009

Recording Requested By:

Douglas County - NV
Karen Ellison - Recorder
Page: 1 Of 4 Fee: 0.00
BK-0809 PG- 1827 RPTT: 0.00



Name: EILEEN CHURCH, PUBLIC WORKS

Address: _____

City/State/Zip: _____

Real Property Transfer Tax: \$ N/A

CONTRACT AMENDMENT #2009.221

(Title of Document)

FILED

NO. 2009.221

AMENDMENT NO. 02

2009 AUG -7 AM 10: 18

CONTRACT BETWEEN DOUGLAS COUNTY
AND
Ecologic Inc.

TED THUAN
CLERK
BY [Signature]
DEPUTY

10381 Double R. Blvd, Reno, NV 89521 ("Contractor")

FOR
Jobs Peak Well No. 2

WITNESSED

Whereas, on February 5, 2009, Douglas County, a political subdivision of the State of Nevada, and Ecologic Inc., an independent contractor, entered into a contract for certain services; and

Whereas, the County desires to amend the contract; and

Now, therefore, in consideration of the agreements herein made, the parties mutually agree as follows:

- Amend the scope of work as per attached letter dated June 30, 2009 and increase the contract amount by \$4,956 for a not to exceed contract amount of \$46,375.
- All sections of the original agreement remain in effect.

[Signature]
Independent Contractor

7/6/09
Date

[Signature]
County Manager

8/6/09
Date

Attest:
[Signature]
County Clerk

8/6/09
Date

BY: [Signature]
CLERK TO THE BOARD

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PG- 1828
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June 30, 2009

Cathe Pool, PE
Senior Civil Engineer
Douglas County
Post Office Box 218
Minden, NV 89423

via email 06/30/09

DOUG09-001

RE: Job's Peak Well Replacement Project – ECO:LOGIC Contract Amendment #2

Dear Cathe:

In a previous letter dated June 18, 2009, ECO:LOGIC requested a contract amendment (#1) to perform a pumping test on the pilot hole at Jobs Peak. The fee for the amendment was not to exceed \$3,000. The test was performed on June 19, 2009 and a memo describing the results was submitted to the County on June 20, 2009. Subsequent to the test, and before this second amendment letter was submitted, the County requested that ECO:LOGIC perform a second well test with a temporary well seal placed at 75 feet. That test was completed on June 23, 2009. Because the results of the second test were more favorable than the initial test, ECO:LOGIC was further requested to perform additional work to demonstrate to the State of Nevada that a waiver for a 75 foot well seal on the completed production well would be acceptable. The additional work for this second amendment includes the following:

- Provide personnel to supervise the contractor and re-set the depth of the casing, seal and pump.
- Provide personnel to orchestrate a second, short-duration pumping test of the pilot well bore.
- Provide data loggers to measure and record water levels in both wells.
- Analyze the test data and compare it to the results of all previous tests.
- Install and test temporary piezometers in the stream bed of Sheridan Creek at a point closest to the wells to determine the vertical hydraulic gradient near the creek.
- Provide the results of the tests to you in an additional technical memorandum that summarizes all of the data collected to date.
- Communications with the NDEP and DWR to discuss the results of the work and request a waiver.

Our estimated fee for the services required to complete this second amendment will not exceed \$4,956, and will be billed at the unit rates provided in the exhibits to our current contract with Douglas County. ECO:LOGIC will only bill for the time and materials required to perform the proposed tasks. Please contact me if you have any questions.

Sincerely,

Dale C. Bugenig
Chief Hydrogeologist
cc: Ray Kruth, PE (ECO:LOGIC)

Compensation Schedule

Job's Creek Ranch Well 2 Replacment

Contract Amendment

2

*Provide Construction Observation/Reporting Related to Installation of Temporary Well Casing and pump
 Install data loggers in pilot and existing wells
 Conduct Short-term Pumping Test and Analyze Test Data
 Install temporary piezometers in Sheridan Creek and collect data
 Prepare technical memorandum summarizing all previous results*

Supervising Engineer	2	hour	@	\$ 147.00	per hour	=	\$ 294.00
Chief Hydrogeologist	6	hours	@	\$ 135.00	per hour	=	\$ 810.00
Senior Hydrogeologist	20	hours	@	\$ 125.00	per hour	=	\$2,500.00
Staff Hydrogeologist II	10	hours	@	\$ 98.00	per hour	=	\$ 980.00
2 Data Loggers	1	day	@	\$ 230.00	per hour	=	\$ 230.00
Laptop Computer	1	day	@	\$ 20.00	per day	=	\$ 20.00
Water Level Sounder	1	day	@	\$ 12.00	per day	=	\$ 12.00
Mileage	200	miles	@	\$ 0.55	per mile	=	\$ 110.00

Sub-total, Task 2 \$4,956.00

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: Aug 7, 2009
 THIRAY Clerk of the 9th Judicial District Court
 of the State of Nevada, in and for the County of Douglas.
 By Bruce M. Kelly Deputy