

NA

DOC # 0637449
02/24/2005 02:59 PM Deputy: BC
OFFICIAL RECORD
Requested By:
D C/COMMUNITY DEVELOPMENT

Assessor's Parcel Number: N/A

Date: FEBRUARY 23, 2005

Recording Requested By:

Douglas County - NV
Werner Christen - Recorder
Page: 1 Of 5 Fee: 0.00
BK-0205 PG- 8781 RPTT: 0.00



✓ Name: LYNDA TEGLIA/COMMUNITY DEVELOPMENT

Address: _____

City/State/Zip: _____

Real Property Transfer Tax: \$ N/A

CONTRACT #2005.037

(Title of Document)

APPROVED 2/3/05 ITEM #8
 DOUGLAS COUNTY COMMISSIONERS AMENDMENT NO. 1
 Contract Between Douglas County
 and
 ECO:LOGIC, LLC
 East Topsy Lane Well Drilling and Equipping

FILED

NO. 2005.037

2005 FEB 23 PM 2:56

Whereas, on October 02, 2003, Douglas County, a political subdivision of the State of Nevada, and ECO:LOGIC, LLC, an independent contractor, entered into a contract for Contractor to provide engineering services for design of the East Topsy Lane Well Drilling and Equipping; and

Whereas, additional service are required to evaluate several building locations and site layouts to address comments related to clearance from an existing irrigation ditch as outlined in Exhibit A; and

Whereas, additional services are required to provide additional services for construction including 20 days of full-time inspection during major construction, 20 days of half-time construction inspection, review and prepare progress payments, work change directives, and change orders as outlined in Exhibit B; and

Whereas, additional services are required to provide compaction testing during fill, bedding and backfill placement, and special inspections for concrete and masonry placement as outlined in Exhibit B; and

Whereas, Task 3 – Design Review Assistance was completed under budget; and

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

- Contractor agrees to provide the services set forth in the contract and Amendment No. 1 for a cost not to exceed a total cost of \$156,147.85. The task amounts shown below cannot be exceeded:

	Original Contract Amount	Amendment No. 1	Revised Contract Amount
Task 1a – Hydrogeologic Services	\$ 16,435.00		\$ 16,435.00
Task 1b– Design Services	\$ 49,439.20	\$16,057.58	\$ 65,496.78
Task 2 – Construction Services	\$ 14,168.00	\$53,250.00	\$ 67,418.00
Task 3 – Design Review Assistance	\$ 9,336.60	(\$ 2,538.53)	\$ 6,798.07
Total Cost	\$ 89,378.80	\$ 66,769.05	\$156,147.85

[Signature]
 ECO:LOGIC, LLC

2/14/05
 Date

[Signature]
 County Manager

2-17-05
 Date

Attest:
[Signature]

2-7-05
 Date

County Clerk
[Signature], Clerk to Board

2-7-05
 Date

[Signature]
 District Attorney



ECO:LOGIC

Consulting Engineers

Principals

- David R. Bennett
- Charles G. Bunker
- Robert W. Emerick
- John P. Enloe
- Frederic J. Fahlen
- Jeffrey R. Hauser
- Gerry O. LaBudde
- Richard E. Stowell

January 19, 2005

Ron Roman, P.E.
 Douglas County Community Development
 P.O. Box 218
 Minden, NV 89423

RE: Additional Engineering Request on Topsy Well

Dear Ron:

As you are aware, we had a number of issues occur during the design of the North County Well No. 2 (Topsy Well) that resulted in additional engineering costs. These included:


1. We laid out multiple site plans for the facility, with revisions being required to accommodate the design review process and clearances from the irrigation ditch on the site.
2. For several of the site plans, we prepared drainage designs, including either an on-site retention basin or discharge to the Topsy Drive retention basin.
3. For two of these layouts, we were required to prepare additional structural engineering for soils retaining structures. One involved a site on the west site of Center Street, where the building would be required retain soils, and the final design includes a retaining wall to avoid the toe of slope extending into the clearance from the irrigation ditch.
4. As part of the design process, several different building floor plans and piping arrangements were prepared, including one with an outside well, one with a remote well location from the building, and the final plan with the well located within the building structure.

These various items were not anticipated at the time our design fee was prepared. At this time, with the design complete, we can finally total the cost from the subcontractors, and we have exceeded our design fee (Task 1b) by \$16,057.58. We are requesting that this amount be approved as an addition to our design contract. The design review task (Task 3) will have \$2,538.53 remaining unspent, and if this is reallocated to the design (Task 1b), the total additional funding required is \$13,519.05. We have enclosed our final design invoice predicated upon approval of this addition.

We realize this is a very difficult situation, and have endeavored to minimize our costs for this facility. It is an exceptionally difficult site, with very limited site clearances, and

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 PG- 8783
 02/24/2005

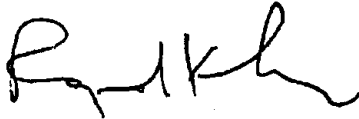
0637449 Page: 3 Of 5



has had an extended review period. We held off on the structural and electrical work as long as possible to minimize rework, yet some duplication was inevitable.

We are available to meet and discuss these items if you wish, and please call if you have any questions.

Sincerely,



Raymond Kruth, P.E.
ECO:LOGIC ENGINEERING LLC
encl.

Exhibit A, Page 2 of 2

0637449  Page: 4 Of 5

BK- 0205
PG- 8784
02/24/2005

ECO:LOGIC

**Amendment No. 1 Exhibit B
Additional Services for No. County Well 2 Construction
Engineering Compensation Schedule**

rk 1/18/05

Task 4 - Additional Services For Construction

Provide Additional Services as Needed for Construction

Provide Full-time inspection during major construction

Provide Additional coordination services

Prepare Record Drawings

Hold monthly progress meetings as required

Prepare progress payments and change orders

Inspection based on 20 days full time and 20 days 1/2 time

Project Manager	20.0	hrs. @	\$110 /hr. =	\$ 2,200.00
Engineer II	40.0	hrs. @	\$95 /hr. =	\$ 3,800.00
Mileage	3,000.0	mi. @	\$ 0.37 /hr. =	\$ 1,110.00
Inspector I	320.0	hrs. @	\$68 /hr. =	\$ 21,760.00
CADD Technician	60.0	hrs. @	\$72.00 /hr. =	\$ 4,320.00
CADD Equipment	60.0	hrs. @	\$ 12.00 /hr. =	\$ 720.00
Secretary II	8.0	hrs. @	\$55 /hr. =	\$ 440.00
Printing/Misc.	1.0	L.S.	\$300 /ea. =	\$ 300.00

\$34,650.00

Task 5 - Geotechnical Services During Construction

Provide Compaction testing during fill completion

Provide special inspections for concrete and masonry

Provide additional services as requested

Project Manager	20.0	hrs. @	\$110 /hr. =	\$ 2,200.00
Geotech Services	1.0	L.S.	\$15,000 /ea. =	\$ 15,000.00
Printing/misc.	1.0	L.S.	\$300 /ea. =	\$ 300.00
Secretary II	20.0	hrs. @	\$55 /hr. =	\$ 1,100.00

\$18,600.00

Total Additional Amount for Engineering Services

\$53,250.00

SEAL

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: February 23 2005
B. Reed Clerk of the 197 Judicial District Court
of the State of Nevada, in and for the County of Douglas.
By Carl M. Hullock Deputy



BK- 0205
PG- 8785