

NF
Comm Dev
Lynda Teglia

FILED
NO. 2001-329

'01 DEC 11 P4:03

AMENDMENT NO. 2

CONTRACT BETWEEN DOUGLAS COUNTY
AND
ECO:LOGIC, LLC
FOR
EAST VALLEY WATER SYSTEM WELL

BARBARA REED
DEPUTY

WITNESSED

Whereas, on October 18, 2000, Douglas County, a political subdivision of the State of Nevada, and ECO:LOGIC, LLC, an independent contractor, entered into a contract for certain services; and

Whereas, the circumstances have changed requiring additional engineering services by the Contractor; and

Whereas, on March 1, 2001, the Douglas County Board of Commissioners took action to approve Amendment No. 1 to the original contract.

Whereas, on November 15, 2001, the Douglas County Board of Commissioners took action to approve Amendment No. 2 to the original contract.

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

- The Scope of Services is amended, as provided in Exhibit B "Task 4".
- The Contract Time is amended, as provided in Exhibit C "Task 4".
- The Compensation Schedule is amended, as provided in Exhibit D "Task 4".
- All other sections of the original agreement remain in effect.

John C. Pate
ECO:LOGIC, LLC

12/3/01
Date

David C. Holler
County Manager, authorized by
Board of County Commissioners

12/5/01
Date

Attest: Barbara J. Reed
County Clerk

12-11-01
Date

N/A
District Attorney

Date

EXHIBIT "B"
SCOPE OF SERVICES
TASK 4 – WELL EQUIPPING AND
WELLHOUSE CONSTRUCTION REBID

ECO:LOGIC shall provide additional services for the design, bidding and construction management for the equipping of a new potable water well, including the addition of approximately 4,000 LF of pipeline to the project, as well as a rebid of the previously prepared specifications. This work will be performed in accordance with the following scope of services.

This exhibit amends the contract previously approved between ECO:LOGIC and Douglas County dated 11/21/2000 for the investigation and drilling of the production well.

The scope of services shall be amended through the addition of the following tasks:

Task 4. Provide consulting services relating to the rebid of the equipping of the South Airport Well, including the provision of approximately 4,000 LF of pipeline to tie the well into the distribution system.

Task 4A. Engineer and design the production-well facilities.

ECO:LOGIC proposes to provide additional design services as necessary to modify the plans and specifications for the South Airport Well Equipping. The modifications shall include the addition of pipeline plan and profile sheets prepared by Thiel Engineering, a subcontractor to Eco:Logic, which detail the connection of the well to the distribution system. The specifications and drawings for the facilities will be submitted to Douglas County for review. Upon approval, they will be submitted to the Nevada Division of Health for their review and approval. Specific elements of Task 4A include:

1. Review and provide comments on Thiel's partially completed plans
2. Thiel will complete their plans for inclusion in the project, as a subcontractor to Eco:Logic.
3. Modifying the specifications and bid forms to reflect the revised project
4. Coordinating Thiel's plans with the original plans with regard to tie-ins and connections
5. Including provision of the permanent electric power service from Heybourne Road up to the well site.
6. Conduct another prebid conference.
7. Review the bids and provide a recommendation for award.
8. Submit the revised plans to Nevada St. Health Division for approval.

Deliverable Items:

The deliverable items for this task will be:

1. A complete bidding contract set based on the County's EJCDC documents for equipping of the production well, design of the control building and ancillary facilities. Three bound copies of progress drawings and

specifications at the 100% complete stage will be submitted. Two bound copies and one reproducible copy of the final drawings and specifications will be submitted after the review comments are included. In addition, one electronic copy of the final specifications in Word format and one copy of the final drawings in AutoCAD 14 format will be included.

2. An engineer's opinion of the probable cost of construction will be included.

Task 4B. Construction Management Services.

ECO:LOGIC proposes to provide additional construction management services to ensure the work is completed in compliance with the specifications. Specifically we will

- Provide support services to the County during the bidding process, including but not limited to clarifications, addenda and conducting the pre-bid conference.
- Evaluate bids, provide bid summary, and recommendation of award.
- Conduct the preconstruction meeting.
- Provide one set of construction stakes for the pipeline and pump station layout.
- Provide project oversight and part-time inspection during construction of the well house and ancillary facilities as requested by the Owner.
- Review and process shop drawings and submittals for conformance with the contract documents.
- Respond to Requests for Information (RFI's) and provide written interpretations of the requirements of the contract documents.
- Assist with the preparation of progress payments and change orders as required during the project.

Deliverable Items:

The deliverable items for this task will be:

1. Copies of the inspection reports, progress payments and other documentation produced during the construction of the project.
2. The topographic survey data will be submitted separately from the plans and specifications.
3. A Letter of Certification that the project was constructed in accord with the approved plans and specifications.

EXHIBIT "C"
DOUGLAS COUNTY SOUTH AIRPORT WELL PROJECT
TASK 4 - REVISED PROJECT SCHEDULE

ID	Task Name	December 2001	January 2002	February 2002	March 2002	April 2002	May 2002	June 2002	Jul
1	Issue Notice to Proceed for Task 4	◆ 11/26							
2	TASK 4 - WELL EQUIPPING REBID								
3	Task 4A - Well Equipping Design & Pipeline								
4	Review Third's Plans								
5	Modification and Completion of Plans								
6	Modification of Specifications								
7	Design Additional Electric Service								
8	Submit 100% Submittal		◆ 12/14						
9	Review Period by County								
10	Incorporate Revisions								
11	Issue Final Bid Package		◆ 12/28						
12	Bidding Period								
13	Open Bids			◆ 1/25					
14	Review Bids & Recommend Award								
15	Award Contract				◆ 2/21				
16	Contract Preparation and Review								
17	Task 4B - Well House Construction Services								
18	Issue Notice To Proceed				◆ 3/6				
19	Project Construction								
20	Project Startup								
21	Project Complete and Operational								◆ 6/26

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EXHIBIT "D"

SOUTH AIRPORT WELL EQUIPPING

TASK 4 - PROJECT MODIFICATION AND REBID

Engineering Compensation Schedule

Task 4. Provide Additional Services Related to Changes in Design and incorporation of Pipeline Drawings Into Project

rk 11_21_01

**Include one design review meeting and misc. subcontractor time for Rebidding
Also included is additional Construction services including staking of the project.
Include one additional prebid conference and bid review and recommendations**

Task 4A. Modify Project to Include Pipeline Drawings and Prepare Rebid Specifications

Project Manager	30 hours	@ \$	102.00	per hour	=	\$	3,060.00	
Engineer II	10 hours	@ \$	88.00	per hour	=	\$	880.00	
Electrical Engineer Subconsultant	1 lump sum	@ \$	2,500.00	lump sum	=	\$	2,500.00	
Thiel Engineering - Plan Completion	1 lump sum	@ \$	7,500.00	lump sum	=	\$	7,500.00	
Architect - Bidding Services	1 lump sum	@ \$	500.00	lump sum	=	\$	500.00	
CADD Drafting (including equipment)	10 hours	@ \$	62.00	per hour	=	\$	620.00	
Secretary II	12 hours	@ \$	48.00	per hour	=	\$	576.00	
St. Health Design Review Fee (cost + 10%)	1 lump sum	@ \$	165.00	each	=	\$	165.00	
Miscellaneous Expenses (plans and specs. reproduction, binding, etc.)	1 lump sum	@ \$	250.00	each	=	\$	250.00	
Sub-total, Task 4A							\$	16,051.00

Task 4B. Additional Construction Services for Revised Project

Project Manager	20 hours	@ \$	102.00	per hour	=	\$	2,040.00	
Engineer II	10 hours	@ \$	88.00	per hour	=	\$	880.00	
Electrical Engineer Subconsultant	1 lump sum	@ \$	1,000.00	lump sum	=	\$	1,000.00	
Thiel Engineering - Project Stakeout and Const. Assistance	1 lump sum	@ \$	5,000.00	lump sum	=	\$	5,000.00	
CADD Drafting (including equipment)	4 hours	@ \$	62.00	per hour	=	\$	248.00	
Secretary II	4 hours	@ \$	48.00	per hour	=	\$	192.00	
Sub-total, Task 4B							\$	9,360.00

TOTAL, TASK 4	\$ 25,411.00
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COPY

REQUESTED BY
DOUGLAS COUNTY

IN OFFICIAL RECORDS OF
DOUGLAS CO., NEVADA

2001 DEC 12 AM 11:13

LINDA SLATER
RECORDER

\$ PAID DEPUTY

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: December 11, 2001
B. Reed Clerk of the 9th Judicial District Court
of the State of Nevada, in and for the County of Douglas.

By [Signature] Deputy

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