

OFFICIAL RECORD

Requested By:

DC/PUBLIC WORKS

Assessor's Parcel Number: N/A

Date: JANUARY 10, 2012

Recording Requested By:

Douglas County - NV  
Karen Ellison - Recorder  
Page: 1 Of 8 Fee: 0.00  
BK-0112 PG- 1403 RPTT: 0.00



Name: EILEEN CHURCH, PUBLIC WORKS

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

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

Real Property Transfer Tax: \$ N/A

CONTRACT AMENDMENT #2012.007

(Title of Document)

FILED  
2012.007  
2012 JAN 10 AM 9:40  
2012  
*[Signature]*

**AMENDMENT NO. 4  
CONTRACT BETWEEN DOUGLAS COUNTY  
AND  
MANHARD CONSULTING, LTD.  
FOR  
North Douglas County Water System Improvement Project**

Whereas, on December 03, 2009, Douglas County (COUNTY), a political subdivision of the State of Nevada, and Manhard Consulting, Ltd. (CONSULTANT), an independent contractor, (hereinafter collectively referred to as THE PARTIES) entered into a contract for certain services for design of North Douglas County Water System Improvement Project to implement Alternative B of the North County Water System Analysis (CONTRACT); and

Whereas, on September 2, 2010, Amendment No. 1 was approved to implement a cultural resource treatment plan; and

Whereas, on July 7, 2011, Amendment No. 2 was approved to incorporate additional services related to project design, easement acquisition and water modeling; and

Whereas on September 1, 2011, Amendment No. 3 was approved to implement a treatment plan for cultural resource site 26Do446 in response to U.S. Army Corps requirements; and

Whereas, Section 2 of the 30-inch water line and the North County booster pump station and water lines were to be designed and bid as two separate construction projects per the original scope of services. The U.S. Army Corps of Engineers permitting has delayed construction of Section 2 of the 30-inch water line. As a result of this delay, Section 2 of the 30-inch water line and the North County booster pump station and water lines will be bid and constructed under one project. Manhard Consulting, LTD will prepare one set of bid and construction documents to incorporate Section 2 of the 30-inch water line and the North County booster pump station and water lines; and

Whereas, additional services are required for electrical design to connect an existing backup generator to the Public Works Building to provide backup for SCADA controls; and

Whereas, additional services are required for the design engineer to provide support to Douglas County during construction to review changes and deviations to the design, answer requests for information, and prepare record drawings.

WITNESSED:

Now, therefore, in consideration of the agreements herein made, the parties mutually agree to amend the Contract to include the following:

1. Incorporate the attached Exhibit B Scope of Additional Services.
2. Incorporate the attached Exhibit C Contract Time.

- 3. Costs for works tasks are updated as shown in the attached Exhibit D. There is an increase in the contract amount of \$68,500 for a revised contract amount not to exceed \$944,868.
- 4. All other sections of the original contract remain in effect.

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be signed and intend to be legally bound thereby.

[Signature]  
Independent Contractor/Consultant

12/8/11  
Date

[Signature]  
Douglas County

January 5, 2012  
Date

Lee Bonner, Chairman  
Board of County Commissioners

Attest:

[Signature]  
County Clerk

January 5, 2012  
Date

BY: [Signature], Clerk to the Board

Approved as to form:

[Signature]  
District Attorney

January 5, 2012  
Date

**EXHIBIT B  
SCOPE OF SERVICES  
AMENDMENT NO. 4  
NORTH DOUGLAS COUNTY WATER SYSTEM IMPROVEMENT PROJECT**

The Amended Scope of Services includes work as described in Tasks 4, 7 and 8 of the original contract Exhibit B and Tasks A1,A2, A2 and A4 as described in Amendment 2 Exhibit A and the following:

*The North Douglas County-Carson City Water Line Inter-Tie Project North Section is currently under design with 90% plans submitted to the County. In order to effectively and efficiently administer the construction contract Douglas County has requested the Manhard Consulting Ltd. (Manhard) provide support to Douglas County staff and their agents throughout the duration of project construction. The construction period is anticipated to extend from April of 2012 to February of 2013. Manhard will provide the following services for fees as detailed below.*

**I. TASK 1- SHOP DRAWING AND SUBMITTAL REVIEW**

This task will include the review and approval of selected shop drawings and submittals and coordination with HDR. It is anticipated that all materials, equipment shop drawings, and submittals will be submitted to and processed by HDR and only a portion of those will be routed to Manhard for review and approval.

\$15,000 Time & Materials Suggested Budget

**II. TASK 2-REQUEST FOR INFORMATION (RFI) AND CHANGE ORDER REVIEW AND ASSISTANCE AND ADDITIONAL SERVICES**

This task consists of review of Requests for Information (RFIs) submitted to the County by the contractor. Manhard will review and provide clarification to RFIs including providing additional documentation in the form of figures or exhibits. In addition, Manhard will assist the County in the preparation of required documentation for Change Orders including review of proposed change order pricing. Additional assistance is anticipated based on the need to address the discovery of unknown or differing site conditions including cultural resources and coordination with the Corps of Engineers. If other more extensive changes are required either a technical memorandum / engineer's opinion or additional plan sheets / exhibits containing modifications to the original design will be developed.

This task will also be utilized to perform routine inspections / observation of the contractors work at the request of Douglas County Staff.

\$25,000 Time & Materials Suggested Budget

**III. TASK 3-RECORD DRAWINGS**

Manhard will review and compile the redline drawings created in the field during construction. This will include a meeting with the County's construction manager

and the contractor to review the redlines. Following that meeting, the redline changes will be drawn and annotated electronically and submitted to Douglas County in both .pdf and .dwg formats.

\$10,000 Time and Materials Suggested Budget

**IV. TASK 4-MEETINGS AND EXPENSES**

This task includes attendance at meetings related to the construction of *The North Douglas County – Carson City Water Line Inter-Tie Project North Section* including the pre-construction meeting and other meetings as requested by Douglas County staff. It is anticipated that Manhard would attend between 25% and 50% of weekly project meetings, other meetings / public hearings / commission meetings at the request of Douglas County Staff.

Based on the above criteria, it is estimated that Manhard will attend a total of 18 meetings.

In addition, all expenses for reproduction of documents and plans, and other miscellaneous expenses related to the completion of the above task will be billed under this task.

\$12,000 Time and Materials Suggested Budget

**V. TASK 5-PUBLIC WORKS BUILDING BACKUP GENERATOR MODIFICATIONS**

This task will include coordinating with Jensen Engineering to provide plans and specifications to have the contractor install an existing diesel generator to provide back up power for the Douglas County Engineering Building. The scope of services is included as Exhibit B1 attached herewith.

\$5,000 Lump Sum Suggested Budget

**VI. TASK 6-CONWAY PROPERTY EASEMENT STAKING**

This task will consist of the preparation and staking of the road easement ad right-of-way at 50.00-foot intervals as shown on the Record of Survey Map for Dennis and Marcia Conway, Document No. 375266, Official Records of Douglas County, NV.

Cost included in current contract

**VII. TASK 7-GEOTECHNICAL INVESTIGATION**

This task will include a field investigation and hydraulic conductivity testing for the retention/infiltration basin. This data will be used in preparation of the Technical Drainage Study for the project.

\$1,500 Lump Sum Suggested Budget

## **EXHIBIT B1 SCOPE OF SERVICES**

### **TASK 5 Public Works Buildings Backup Generator Modifications**

Jensen Engineering Inc. is pleased to present this proposal for professional electrical engineering services for the above referenced project. Based on information received from you, I perceive the project to consist of relocating an existing generator to backup the county facilities at the public works building in Douglas County, Nevada. I understand the scope of electrical engineering to include design, drafting, contract documents, and contract administration as necessary to accomplish the following Scope of Services:

1. Field exploration of existing electrical conditions.
2. Coordination with NV Energy for existing building electrical loads.
3. Design and specifications of new electrical equipment including disconnect switches, transformers, and automatic transfer switches.
4. Design and specifications of conduits, conductors, and protective devices for the connections from the newly relocated generator to the new disconnect switches, new transformers, and new automatic transfer switches.
5. Modifications necessary for connecting new automatic transfer switches to the existing electrical equipment.
6. Details and specifications for related electrical work and accessories.
7. Provide electronic (.pdf) files of the final electrical drawings.
8. Attend coordination meetings in Douglas County, NV.
9. Perform final jobsite observation and report.
10. Provide clarification for reasonable field generated questions, as they pertain to the electrical construction documents.
11. Review of electrical shop drawings submittals.

Under the terms of this scope of services, Jensen Engineering, Inc. does not include:

1. Off-site utility improvement or design.
3. Reproduction costs, except as specified above.
4. Electrical contractor 'as-built' drawings.

**EXHIBIT C  
SCHEDULE  
AMENDMENT NO. 4  
NORTH DOUGLAS COUNTY WATER SYSTEM IMPROVEMENT PROJECT**

Manhard will perform remaining work based on the following updated schedule for Section 2 of the 30-inch water line and the North County booster pump station and water lines.

**MILESTONE**

|                              | <b>Date</b>       |
|------------------------------|-------------------|
| • 90% design submittal       | December 12, 2011 |
| • Permit submittals          | December 12, 2011 |
| • County 90% review comments | December 23, 2011 |
| • Final bid documents        | February 3, 2012  |
| • Advertise for bids         | February 8, 2012  |
| • Pre-bid meeting            | February 22, 2012 |
| • Bid opening                | March 13, 2012    |
| • Award                      | April 5, 2012     |

EXHIBIT D  
ESTIMATED COST  
AMENDMENT NO. 4  
NORTH DOUGLAS COUNTY WATER SYSTEM IMPROVEMENT PROJECT

Summary of Task Budgets

|   |                 |
|---|-----------------|
| Task 1 – Shop Drawing and Submittal Review      | \$15,000        |
| Task 2 – Request for Information/Change Order   | \$25,000        |
| Task 3 – Record Drawings                        | \$10,000        |
| Task 4 – Meetings                               | \$12,000        |
| Task 5 – Public Works Building Backup Generator | \$5,000         |
| Task 6 – Conway Property Easement Staking       | Included        |
| Task 7 – Geotechnical Investigation             | <u>\$1,500</u>  |
| <b>TOTAL</b>                                    | <b>\$68,500</b> |

**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 10, 2012  
 \_\_\_\_\_ Clerk of the 4th Judicial District Court  
 of the State of Nevada, In and for the County of Douglas.  
 By: Scott Mendenhall Deputy