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OFFICIAL RECORDS

Requested By
DC/PUBLIC WORKS

DOUGLAS COUNTY RECORDERS
Karen Ellison - Recorder

Page: 1 of 4 Fee: \$ 0.00

Bk: 0914 Pg: 535



Deputy: ar

Assessor's Parcel Number: N/A

Date: SEPTEMBER 3, 2014

Recording Requested By:

Name: EILEEN CHURCH, PUBLIC WORKS
(JE)

Address: _____

City/State/Zip: _____

Real Property Transfer Tax: \$ N/A

AMENDED CONTRACT #2014.181

(Title of Document)

FILED

13. 2014 181

2014 SEP -3 AM 10:48

CONTRACT AMENDMENT NO. 01

A Contract between Douglas County

and

Lumos and Associates, Inc.

for

Waterloo Lane Culvert Replacement for 2014

TED THUAN
CLERK
BY *[Signature]*
DEPUTY

WITNESSED:

WHEREAS, on May 2, 2013, Douglas County, a political subdivision of the State of Nevada ("COUNTY"), and Lumos and Associates, Inc., an independent contractor ("INDEPENDENT CONTRACTOR") (hereinafter collectively referred to as "THE PARTIES"), entered into a contract for engineering services in connection with the Waterloo Reconstruction Project from SR 88 to Centerville Lane in an amount not to exceed \$86,845.00 ("CONTRACT");

WHEREAS, the County desires to modify the contract to have Independent Contractor provide additional work. The additional work is to prepare a set of plans to replace the existing culvert near Station 55+00, for replacement before the start of the 2015 irrigation season due to current undermining of the roadway (See attached letter dated August 1, 2014 from Lumos and Associates for full scope of work); and

WHEREAS, this modification will increase the cost of the current contract amount not to exceed, an additional Two Thousand and Five Hundred Dollars (\$2,500) to a revised total contract amount not to exceed \$89,345.

NOW, THEREFORE, in consideration of the agreements herein made, the parties mutually agree as follows:

1. The Contract sum will be increased by \$2,500, not to exceed a total contract amount of \$89,345.
2. The Contract termination date shall be revised to September 30, 2014.
3. All sections of the original Contract remain unchanged and in full effect.

[Signature]
Lumos & Associates, Inc.

8/7/14
Date

[Signature]
Public Works Director (Carl Rutschmeyer, P.E.)

8/20/14
Date

August 1, 2014

via email: jerb@co.douglas.nv.us

Mr. Jon Erb, P.E., Civil Engineer III
Douglas County Public Works
Post Office Box 218
Minden, Nevada 89423

**Re: Proposal for Engineering Services
Waterloo Lane Culvert Replacement**

Dear Jon:

Lumos & Associates, Inc. (Lumos) is pleased to provide you with this proposal for additional work associated with the Waterloo Lane Reconstruction project. In particular, this proposal is for engineering services related to developing separate construction drawings for replacement of a culvert on Waterloo Lane.

Project Understanding

It is our understanding that the existing CMP culvert near Sta. 55+00 (approximately 6,500 feet west of Centerville Lane) is inundated during irrigation operations for the adjacent properties. In addition to the inlet and outlet areas of the pipe becoming unstable and standing water entering the roadway, it appears water may be moving downstream alongside the conduit. Each of these deficiencies potentially compromise the roadbed. We propose the following scope of work to assist you with resolving the situation.

Project Scope

Utilizing topographic data previously collected for the project, Lumos will develop a conceptual layout of the new culvert, taking into account future relocation of the upstream irrigation ditch to the north of the existing right-of-way and opportunities for increasing culvert capacity. A hydraulic analysis will be conducted to determine the extent current flooding issues can be alleviated. As discussed, the hydraulic analysis will be limited to balancing the flows of the culvert crossing Waterloo and the downstream culvert used for irrigation. Existing flows will be estimated using approximate water surface elevations obtained from photographs. No additional surveying or hydrologic analysis will be performed.

Once you have had an opportunity to review the hydraulic analysis and concur with the conceptual design, Lumos will prepare construction drawings on standard 24"x36" sheets and include necessary details and specifications to construct the project. No additional site visits or meetings are included. Drawings will be submitted to you for review and this task includes one set of revisions based on your comments.

Mr. John Erb, Douglas County Public Works
Waterloo Lane Culvert Replacement

August 1, 2014
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Efforts beyond plan preparation such as bidding assistance and construction management have not been included. Douglas County will be responsible for coordination with property owners and the Water Conveyance Advisory Committee, along with acquisition of any necessary easements.

Fees

The work outlined herein can be completed for a lump sum fee of \$2,500. If this proposal is acceptable, we understand you will be processing it as an amendment to our current contract with the County for the Waterloo Lane Reconstruction Project. Once the County concurs with the conceptual design and hydraulic analysis, drawings can be completed and ready for bidding within three weeks. This proposal is valid for 90 days from the date shown above and does not include provisions for any other services; however, Lumos will be happy to amend this proposal as necessary.

Lumos will send monthly progress billings on this project. The amount of these billings will be based upon the percentage of work completed. The terms are 'Due Upon Receipt' and accounts are past due after 30 days. Accounts over 30 days old will be subject to interest at the rate of 1½% per month and such collection action as may be necessary to collect the account. In addition, a "Stop Work Order" may be issued on past due accounts. In this case, no further work will be performed until the account is brought current.

Thank you again for allowing Lumos to provide you with this proposal. Please do not hesitate to call me, if you have questions.

Sincerely,


Kelly Garcia, P.E.
Engineering Manager

Douglas County State of Nevada

CERTIFIED COPY

I certify that the document to which this certificate is attached is a full and correct copy of the original record on file in the Clerk-Treasurer's Office on this 3rd day of Sept, 2014
By [Signature] Deputy