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AMENDMENT NO. 2
Contract Between Douglas County
and
R.O. Anderson Engineering, Inc.

North Valley Project Construction Administration, Testing and Inspection

BARBARA REED
DEPUTY

Whereas, on March 18, 1999, Douglas County, a political subdivision of the State of Nevada, and R.O. Anderson Engineering, Inc., an independent contractor, entered into a contract for Contractor to provide engineering services to provide construction administration, testing and inspection for construction of the U.S. Highway 395 Widening Project, the Jacks Valley Road and Vista Grande Boulevard Improvement Project, and the Mica Drive Water Line Improvement Project; and

Whereas, the Contractor was required to provide additional engineering services and design efforts for reinspection, re-testing, resolution of non-compliance construction issues, and an extended construction period on the Jacks Valley Road and Vista Grande Boulevard Improvement Project and the U.S. Highway 395 Widening Project; and

Whereas, the Contractor was required to set a centerline survey monument on Jacks Valley Road and complete and record a corner record; and

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

- The compensation for Task 1 U.S. Highway 395 Improvements is increased by \$15,602.23 for additional inspection and construction administration services as outlined in Exhibit A of this amendment. The cost for Task 1 U.S. Highway 395 Improvements shall not exceed a total cost of \$121,642.23.
- The compensation for Task 2 Jacks Valley Road and Vista Grande Boulevard Improvement Project is increased by \$27,685.86 for additional inspection and construction administration services as outlined in Exhibit A of this amendment, and by \$500.00 to set a survey monument and record a corner record as outlined in Exhibit B of this amendment. The cost for Task 2 Jacks Valley Road and Vista Grande Boulevard Improvement Project shall not exceed a total cost of \$158,913.86.
- Contractor agrees to provide the services set forth on the contract, Amendment No. 1, and Exhibits A and B of this amendment for a cost not to exceed a total cost of \$309,110.

[Signature]
R.O. Anderson Engineering, Inc.

12-7-99
Date

[Signature]
VICE-Chairman Board of County Commissioners

12-2-99
Date

Attest:
[Signature]
County Clerk

12-2-99
Date

[Signature]
District Attorney

Dec. 2, 1999
Date

November 7, 1999

Ronald J. Roman, P.E.
Associate Engineer
DOUGLAS COUNTY COMMUNITY DEVELOPMENT
P.O. Box 218
Minden, Nevada 89423

Re: North Valley Project Construction Services – Itemization of Additional Services

Dear Ron:

This letter is provided in response to your request for an itemization of those additional services provided during the duration of this project.

Pursuant to your request please find attached a detailed summary of these amounts. We have itemized them for costs due to overtime or non-compliance issues and separately for the increased construction duration for each project.

To reconcile these amounts, we have carefully reviewed our time and expense records. Based upon this review we have determined that some of our previous invoices were incorrectly applied between projects resulting in an optimization of the total project budget. While this situation does not change the total amounts due to the County, as Owner, if left uncorrected it would potentially result in a disproportionate assignment of responsibility to the individual contractors. Please accept our apologies in advance for this confusion.

Given the extent of this review we are quite sure that these amounts are fair and equitable to all parties involved and would withstand any scrutiny that may result from either of the affected Contractors.

Thank you, again for your cooperation. Please call me with any questions.

Sincerely,

R.O. ANDERSON ENGINEERING, INC.



Robert O. Anderson, P.E.
Principal Engineer

Amendment No. 2
Exhibit A

Enclosures

1624 Tenth Street

Post Office Box 2294

Minden, Nevada 89423

Phone 775 .782 .2322

Fax 775 .782 .7084

web site roanderson.com

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**North Valley Construction Projects
 Summary of Additional Construction Administration, Testing & Inspection Charges
 November 6, 1999**

Project Name	Additional Charges from Overtime or Non-Compliance Issues	Additional Charges due to Increased Construction Duration
U.S. Highway 395 Improvement Project PWP-DO-1999-271		
R.O. Anderson Engineering, Inc w/ Subconsultants		
R.O. Anderson Engineering, Inc. \$	1,112.00 ✓	552.00 ✓
Capital Engineering \$	1,236.00 ✓	332.00 ✓
Sandra Wendel Landscape Architect \$	-	-
Subtotal(\$6,375.13) \$	2,348.00 ✓	884.00 ✓
Black Eagle Consulting, Inc.		
Primary Technician \$	5,590.75	2,244.04
Secondary Technician \$	1,799.88	2,735.56
Subtotal \$	7,390.63	4,979.60
Jacks Valley Road & Vista Grande Boulevard Improvement Project, PWP-DO-1999-272		
R.O. Anderson Engineering, Inc w/ Subconsultants		
R.O. Anderson Engineering, Inc. \$	506.00 ✓	1,840.00 ✓
Capital Engineering \$	1,252.21 ✓	2,374.13 ✓
Sandra Wendel Landscape Architect \$	-	-
Subtotal(\$2,829.21) \$	1,758.21 ✓	4,214.13 ✓
Black Eagle Consulting, Inc.		
Primary Technician \$	11,129.25	3,939.58
Secondary Technician \$	2,454.38	4,190.31
Subtotal \$	13,583.63	8,129.89
TOTALS	\$ 25,080.46	\$ 43,288.09

**North Valley Construction Projects
Itemization of Additional Construction Administration, Testing and Inspection Charges
November 6, 1999**

U.S. Highway 395 Improvement Project

	<u>Overtime & Non-Compliance</u>			<u>Increased Construction Duration</u>		
	<u>Hours</u>	<u>Hourly Rate</u>	<u>Amount</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Amount</u>
<u>R.O. Anderson Engineering, Inc.</u>						
ROA, Principal Engineer	8	\$ 92.00	\$ 736.00	6	\$ 92.00	\$ 552.00
GBG, Project Engineer		\$ 78.00	\$ -		\$ 78.00	\$ -
SBH, Survey Party Chief	4	\$ 58.00	\$ 232.00		\$ 58.00	\$ -
BMH, Surveyor	4	\$ 36.00	\$ 144.00		\$ 36.00	\$ -
			\$ 1,112.00 ✓			\$ 552.00 ✓
<u>Capital Engineering</u>						
MR, Principal Engineer	3	\$ 92.00	\$ 276.00	1	\$ 92.00	\$ 92.00
CC, Engineering Intern	16	\$ 60.00	\$ 960.00	4	\$ 60.00	\$ 240.00
			\$ 1,236.00 ✓			\$ 332.00 ✓

Jacks Valley Road & Vista Grande Blvd. Improvement Project

	<u>Overtime & Non-Compliance</u>			<u>Increased Construction Duration</u>		
	<u>Hours</u>	<u>Hourly Rate</u>	<u>Amount</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Amount</u>
<u>R.O. Anderson Engineering, Inc.</u>						
ROA, Principal Engineer	5.5	\$ 92.00	\$ 506.00	20	\$ 92.00	\$ 1,840.00
GBG, Project Engineer		\$ 78.00	\$ -		\$ 78.00	\$ -
SBH, Survey Party Chief		\$ 58.00	\$ -		\$ 58.00	\$ -
BMH, Surveyor		\$ 36.00	\$ -		\$ 36.00	\$ -
			\$ 506.00 ✓			\$ 1,840.00 ✓
<u>Capital Engineering</u>						
MR, Principal Engineer	1.5	\$ 92.00	\$ 138.00	4	\$ 92.00	\$ 368.00
CC, Engineering Intern	18.5	\$ 60.00	\$ 1,110.00	33	\$ 60.00	\$ 1,980.00
Expenses			\$ 4.21			\$ 26.13 ✓
			\$ 1,252.21 ✓			\$ 2,374.13 ✓

November 10, 1999
 Project No. 0127-02-1, 0127-02-2, 0127-02-3

Mr. Rob Anderson
 R.O. Anderson Engineering
 1624 16th Street
 Minden, NV 89423



Re: North Valley Project Construction Services - Overtime Summary

Black Eagle Consulting, Inc.

Dear Mr. Anderson:

This correspondence provides a summary and project allocation of overtime hours that were worked in excess of our projected 5 hours of lead technician overtime per week for the North Valley Project inspection and testing. Also included is a summary of secondary technician hours worked in excess of our projected 10 hours of straight time per week. This summary is based on a review of time sheets for this project and a detailed overtime record kept by our primary technician, Gil DeLaura and is presented as a summation of the extra fees requested in our correspondence dated September 10, 1999. The summary of primary technician overtime hours is presented in the following table:

Date	Jack's Valley Road	Highway 395	Mica Drive	Daily Total
3/24/99	0	0	0	0
3/25/99	0	0	0	0
3/26/99	0	0	0	0
3/29/99	0	0	0	0
3/30/99	0	0	0	0
3/31/99	0	0	0	0
4/1/99	0	0	0	0
4/2/99	0	0	0	0
4/5/99	0	0	0	0
4/6/99	0	0	0	0
4/7/99	0	0	0	0
4/8/99	0	0	0	0
4/9/99	0	0	0	0
4/10/99	0	0	0	0

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Amendment No. 2 - Exhibit A

Mr. Rob Anderson
 R.O. Anderson Engineering
 November 10, 1999
 Page 2

4/11/99	0	2.0	0	2.0
4/12/99	0.5	0.5	0	1.0
4/13/99	1.5	1.0	0.5	3.0
4/14/99	0.5	0.5	0.5	1.5
4/15/99	0.5	0.5	0.5	1.5
4/16/99	0.5	0.5	0.5	1.5
4/19/99	0.5	0.5	0.5	1.5
4/20/99	0.5	0.5	0	1.0
4/21/99	0.5	1.5	0	2.0
4/22/99	0.5	0.5	0.5	1.5
4/23/99	1.5	1.5	0	3.0
4/26/99	0	0.5	0.5	1.0
4/27/99	1.0	0.5	0.5	2.0
4/28/99	0.5	0.5	0.5	1.5
4/29/99	0.5	0.5	0.5	1.5
4/30/99	0.5	0.5	0.5	1.5
5/3/99	0.5	1.5	0	3.0
5/4/99	0.5	0.5	0	1.0
5/5/99	0.5	0.5	0.5	1.5
5/6/99	0	0	0	0
5/7/99	0.5	0.5	0.5	1.5
5/10/99	0.5	2.0	0.5	3.0
5/11/99	0	0	0	0
5/12/99	0.5	0.5	0.5	1.5
5/13/99	0.5	0.5	0.5	1.5
5/14/99	0.5	0.5	2.0	3.0

Mr. Rob Anderson
 R.O. Anderson Engineering
 November 10, 1999
 Page 3

5/17/99	0.5	0	0.5	1.0
5/18/99	0	0	0.5	0.5
5/19/99	0.5	0	0	0.5
5/20/99	0	0.5	0	0.5
5/21/99	0	0	0	0
5/22/99	0	3	0	3
5/24/99	0.5	0	0.5	1.0
5/25/99	0.5	0	0.5	1.0
5/26/99	0	0	0	0
5/27/99	0	0	0	0
5/28/99	0	0	0	0
5/31/99	0	0	0	0
6/1/99	0	0	0	0
6/2/99	0	0	0	0
6/3/99	0	0	0	0
6/4/99	0	0	0	0
6/7/99	0	0	0	0
6/8/99	0.5	0	0.5	1.0
6/9/99	0.5	0	0	0.5
6/10/99	0.5	2.5	0	3.0
6/11/99	0	0	0	0
6/14/99	0.5	0.5	0.5	1.5
6/15/99	0	0.5	0	0.5
6/16/99	0.5	0	0	0.5
6/17/99	0	0	0	0
6/18/99	0.5	2.0	0.5	3.0

Mr. Rob Anderson
 R.O. Anderson Engineering
 November 10, 1999
 Page 4

6/21/99	0	0	0	0
6/22/99	0	0	0	0
6/23/99	0	0	0	0
6/24/99	0	0	0	0
6/25/99	0	0	0	0
6/28/99	0	0	0	0
6/29/99	1.0	1.0	0.5	2.5
6/30/99	0	0	0	0
7/1/99	1.5	1.0	0	2.5
7/2/99	0	5.5	0	5.5
7/5/99	0	0	0	0
7/6/99	0	0	0	0
7/7/99	0	0	0	0
7/8/99	0	0	0	0
7/9/99	0	0	0	0
7/12/99	0.5	0	0	0.5
7/13/99	0.5	1.0	0.5	2.0
7/14/99	0.5	0	0	0.5
7/15/99	0.5	2.5	0	3.0
7/16/99	1.0	8.0	0	9.0
7/19/99	0.5	0	0	0.5
7/20/99	0	0.5	0	0.5
7/21/99	0	2.0	0	2.0
7/22/99	0.5	3.0	0	3.5
7/23/99	0	1.5	0	1.5
7/26/99	0	0	0	0

Mr. Rob Anderson
 R.O. Anderson Engineering
 November 10, 1999
 Page 5

7/27/99	1.0	0	0	1.0
7/28/99	1.0	0	0	1.0
7/29/99	4.0	0	0	4.0
7/30/99	4.0	0	0	4.0
7/31/99	9.0	0	0	9.0
8/2/99	2.0	0	0	2.0
8/3/99	2.5	0	0	2.5
8/4/99	0	0	0	0
8/5/99	2.5	0	0	2.5
8/6/99	1.0	0	0	1.0
8/7/99	11.5	0	0	11.5
8/9/99	3.0	0	0	3.0
8/10/99	1.0	0	0	1.0
8/11/99	1.0	0	0	1.0
8/12/99	0.5	0	0	0.5
8/13/99	0	0	0	0
8/14/99	15.0	0	0	15.0
8/16/99	5.5	0	0	5.5
8/17/99	0.0	0	0	0.0
8/18/99	3.5	0	0	3.5
8/19/99	0.5	0	0	0.5
8/20/99	3.0	0	0	3.0
8/23/99	2.0	0	0	2.0
8/24/99	1.0	0	0	1.0
8/25/99	3.5	0	0	3.5
8/26/99	3.5	0	0	3.5

Mr. Rob Anderson
 R.O. Anderson Engineering
 November 10, 1999
 Page 6

Totals:	106.5	53.5	14.5	174.5
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The rate that has been applied in calculating the overtime cost is 1.5 times the standard technician rate of \$55.00 per hour for an overtime rate of \$82.50 per hour. An additional \$12.50 per hour has been added for nuclear density gauge and vehicle fees. Based on these rates, the total fees earned by Black Eagle Consulting, Inc. for primary technician overtime are \$16,577.50.

A summary of secondary technician hours that are in excess of the 10 hour per week allowance has been accomplished through time sheet and billing review and is as follows:

	Jacks Valley Road	Highway 395	Mica Drive
Straight Time	66.25	43.25	0
Over Time	26.25	19.25	3.0

Secondary technician time has been billed at the rate of \$55.00 per hour with an additional \$2.50 per hour of vehicle fees. Secondary technician overtime has been billed at 1.5 times the standard rate with an additional \$2.50 per hour of vehicle fees. Based on these rates, the total fees earned by Black Eagle Consulting, Inc. for additional secondary technician time are \$ 10,418.75.


The remainder of our change order amount can be contributed to the extension of the contract time and amounts to \$ 5,621.48. This total amount includes all additional technician time, project management time, vehicle and nuclear density gauge fees associated with inspection and materials testing. The total change order request (including primary technician time, secondary technician time, and fees associated with contract date extension) was for the amount of \$32,617.73. ✓

We hope that this information will be of assistance to you. If you have any questions or require any further information, please do not hesitate to call.

Sincerely,

Black Eagle Consulting, Inc.


 Larry J. Johnson
 President


 Thomas Adams
 Construction Services Coordinator

TJA/tja
 H:\R.O. Anderson\Overtime Summary.kr.wpd

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November 9, 1999

Ronald J. Roman, P.E.
Associate Engineer
DOUGLAS COUNTY COMMUNITY DEVELOPMENT
P.O. Box 218
Minden, Nevada 89423

Re: North Valley Projects – Survey Monumentation of Jacks Valley Road

Dear Ron:

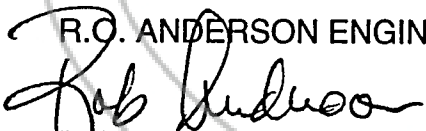
As we discussed some time ago, the approved improvement plans required the installation of survey monuments at various locations along the alignment of both Vista Grande Boulevard and Jacks Valley Road. The record of survey that we prepared and recorded provided for permanent monumentation along Vista Grande Boulevard and at its intersection with Jacks Valley Road. However, there is one centerline monument further to the east along the centerline of Jacks Valley Road for which there is no record mapping. As you know, when a surveying monument is set the regulations of the Board of Registered Professional Engineers & Land Surveyors require that a record of its location be recorded in the office of the County Recorder.

At this time, we recommend that the County proceed to rectify this situation by authorizing the recordation of a "Comer Record" as provided in NRS 329.070. It is our belief that such monumentation documentation is beyond our authorized scope of services and, if you desire to proceed accordingly, would require an amendment to our existing scope of services. We propose to complete the comer record and cause it to be recorded, including setting the permanent survey monumentation (rebar with non-ferrous cap), for a lump sum fee of \$500.

Thank you, for your consideration of this information and recommendation. Please contact me directly with any questions.

Sincerely,

R.O. ANDERSON ENGINEERING, INC.


Robert O. Anderson, P.E.
Principal Engineer

/roa

RECORDED

COPIED

1624 Tenth Street

Post Office Box 2294

Minden, Nevada 89423

Phone 775 .782 .2322

Fax 775 .782 .7084

web site roanderson.com

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Amendment No. 2 - Exhibit B

BK 1299PG2386

REQUESTED BY
DOUGLAS COUNTY

IN OFFICIAL RECORDS OF
DOUGLAS CO., NEVADA

1999 DEC 14 AM 11:43

LINDA SLATER
RECORDER

\$ 0 PAID K2 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 14, 1999
B. REED Clerk of the 9th Judicial District Court
of the State of Nevada, in and for the County of Douglas.

By Carol M. Hullock Deputy

SEAL

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BK 1299PG2387