

Item # 4-3C

**City of Carson City  
Agenda Report**

**Date Submitted:** July 24, 2007

**Agenda Date Requested:** August 2, 2007  
**Time Requested:** Consent

**To:** Mayor and Supervisors

**From:** Purchasing & Contracts

**Subject Title:** Action to extend Contract No. 0304-007 Road Base Aggregate with Canyon Creek Construction to provide Type II Class B Aggregate Base Material at \$7.70 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.25 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load) for a not to exceed amount of \$60,000 from the Street Maintenance Fund, Water Maintenance Fund, and the Sewer Maintenance Fund and no change in the original terms and conditions as originally awarded through August 7, 2008

**Staff Summary:** The second extension for Contract No. 0304-007 Road Base Aggregate will expire on August 7, 2007.

**Type of Action Requested:** (check one)  
 Resolution  Ordinance  
 Formal Action/Motion  Other (Specify)

**Does This Action Require A Business Impact Statement:**  Yes  No

**Recommended Board Action:** I move to extend Contract No. 0304-007 Road Base Aggregate with Canyon Creek Construction to provide Type II Class B Aggregate Base Material at \$7.70 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.25 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load) for a not to exceed amount of \$60,000 from the Street Maintenance Fund, Water Maintenance Fund, and the Sewer Maintenance Fund and no change in the original terms and conditions as originally awarded through August 7, 2008

**Explanation for Recommended Board Action:** On August 7, 2003 the Board of Supervisors awarded Contract No. 0304-007 Road Base Aggregate to Canyon Creek Construction to provide Type II Class B Aggregate Base Material at \$6.00 per ton delivered through August 7, 2005 with the option to renew for three (3) additional years subject to negotiation.

On August 4, 2005 the Board of Supervisors extended the contract through August 7, 2006 at a cost of \$6.86 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.00 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load).

On July 20, 2006 the Board of Supervisors extended the contract through August 7, 2007 at \$7.70 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.25 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load).

**Applicable Statute, Code, Policy, Rule or Regulation:** N.R.S. Chapter 332 Purchasing: Local Governments.

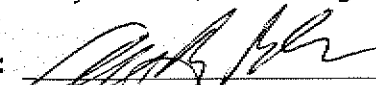

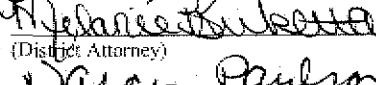
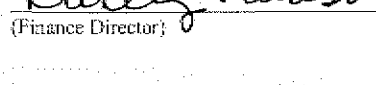
**Fiscal Impact:** \$60,000.00

**Explanation of Impact:** If approved, the combined funds could be decreased by \$60,000.00

**Funding Source:** \$60,000.00 total has been budgeted in Street Maintenance Fund, Water Maintenance Fund, and Sewer Maintenance Fund FY 0708

**Supporting Material:** Letter from Canyon Creek Construction, Inc. and Agenda Report dated 7/20/06

**Prepared By:** Cheryl Adams, Purchasing & Contracts Manager

**Reviewed By:**  Date: 7/24/07  
(Public Works)  
 Date: 7/24/07  
(City Manager)  
 Date: 7-24-07  
(District Attorney)  
 Date: 7/24/07  
(Finance Director)

**Board Action Taken:**

Motion: \_\_\_\_\_ 1) \_\_\_\_\_ Aye/Nay  
2) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Vote Recorded By)

# CANYON CREEK CONSTRUCTION, INC.

P. O. BOX 21270 • CARSON CITY, NV 89721 • (775) 882-6622 • FAX (775) 882-6621  
A General Engineering Contractor • NV. Lic. # 29210 • CA. Lic # 788203

June 29, 2007

Carson City Purchasing & Contracts  
201 North Carson St.  
Suite 11  
Carson City, NV 89701

Attn: Cheryl Adams

Re: Contract #0204-007

Dear Cheryl,

The above referenced contract will expire on August 8<sup>th</sup>, 2007. Canyon Creek Construction, Inc., proposes the following price for renewal;

August 8, 2007 through August 8, 2008- \$7.70/ ton.

This price is based on delivery in bottom dump trains, approximately 35 tons/ load. An additional \$2.25 / ton will be charged for deliveries made in single bottom dumps or end dumps, which haul approximately 20 tons/ load.

If you have any questions, please contact me at 775-882-6622.

Sincerely,

  
Sam Nevis

**City of Carson City  
Agenda Report**

**Date Submitted:** July 11, 2006

**Agenda Date Requested:** July 20, 2006  
**Time Requested:** Consent

**To:** Mayor and Supervisors

**From:** Purchasing & Contracts

**Subject Title:** Action to extend Contract No. 0304-007 Road Base Aggregate with Canyon Creek Construction to provide Type II Class B Aggregate Base Material at \$7.70 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.25 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load) for a not to exceed amount of \$90,000 from the Street Maintenance Fund, Water Maintenance Fund, and the Sewer Maintenance Fund and no change in the original terms and conditions as originally awarded through August 7, 2007 with the option to renew for one (1) additional year subject to negotiation

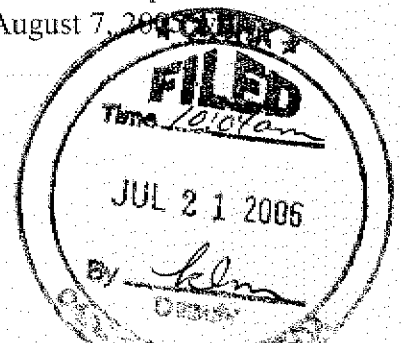
**Staff Summary:** The first extension for Contract No. 0304-007 Road Base Aggregate will expire on August 7, 2006.

**Type of Action Requested:** (check one)  
 Resolution  Ordinance  
 Formal Action/Motion  Other (Specify)

**Does This Action Require A Business Impact Statement:**  Yes  No

**Recommended Board Action:** I move to extend Contract No. 0304-007 Road Base Aggregate with Canyon Creek Construction to provide Type II Class B Aggregate Base Material at \$7.70 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.25 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load) for a not to exceed amount of \$90,000 from the Street Maintenance Fund, Water Maintenance Fund, and the Sewer Maintenance Fund and no change in the original terms and conditions as originally awarded through August 7, 2007 with the option to renew for one (1) additional year subject to negotiation

**Explanation for Recommended Board Action:** On August 7, 2003 the Board of Supervisors awarded Contract No. 0304-007 Road Base Aggregate to Canyon Creek Construction to provide Type II Class B Aggregate Base Material at \$6.00 per ton delivered through August 7, 2007 with the option to renew for three (3) additional years subject to negotiation.



On August 4, 2005 the Board of Supervisors extended the contract through August 7, 2006 at a cost of \$6.86 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.00 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load).

**Applicable Statue, Code, Policy, Rule or Regulation:** N.R.S. Chapter 332 Purchasing: Local Governments.

**Fiscal Impact:** \$90,000.00

**Explanation of Impact:** If approved, the combined funds could be decreased by \$90,000.00

**Funding Source:** \$90,000.00 total has been budgeted in Street Maintenance Fund, Water Maintenance Fund, and Sewer Maintenance Fund FY 0607

**Supporting Material:** Letter from Canyon Creek Construction, Inc. and Agenda Report dated 8/4/05

**Prepared By:** Cheryl Adams, Purchasing & Contracts Manager

**Reviewed By:** \_\_\_\_\_ Date: 7-11-06  
(Public Works) \_\_\_\_\_  
\_\_\_\_\_ Date: 7-11-06  
(City Manager) \_\_\_\_\_  
Melanie Burkaya Date: 7-11-06  
(District Attorney) \_\_\_\_\_  
Walt Krouse Date: 7-11-06  
(Finance Director) \_\_\_\_\_

**Board Action Taken:**

Motion: \_\_\_\_\_ 1) \_\_\_\_\_ Aye/Nay  
2) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
(Vote Recorded By)

# CANYON CREEK CONSTRUCTION, INC.

P. O. BOX 21270 • CARSON CITY, NV 89721 • (775) 882-6622 • FAX (775) 882-6621

A General Engineering Contractor • NV. Lic. # 29210 • CA. Lic # 788203

June 20, 2006

Carson City Purchasing & Contracts  
201 North Carson Street Suite 11  
Carson City, Nevada 89701  
Attn: Cheryl Adams

RE: Contract #0304-007

Dear Cheryl,

The above referenced contract will expire on August 7, 2006. Canyon Creek Construction, Inc proposes the following price for renewal.

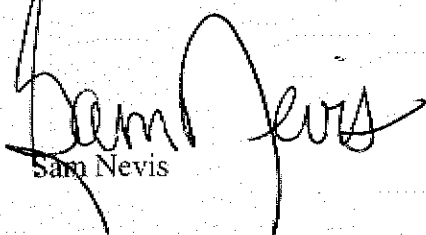
August 8, 2006 to August 7, 2007

\$7.70 per ton

This price is based on delivery in bottom dump trains (approximately 35 tons per load). An additional \$2.25 per ton will be charges for deliveries made with single bottom dumps or end dumps which haul approximately 20 tons per load.

If you have any questions please contact me at 775-882-6622.

Sincerely,



Sam Nevis

**City of Carson City  
Agenda Report**

**Date Submitted:** July 26, 2005

**Agenda Date Requested:** August 4, 2005  
**Time Requested:** Consent

**To:** Mayor and Supervisors

**From:** Purchasing & Contracts

**Subject Title:** Action to extend Contract No. 0304-007 Road Base Aggregate with Canyon Creek Construction to provide Type II Class B Aggregate Base Material at \$6.86 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.00 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load) and no change in the original terms and conditions as originally awarded through August 7, 2006 with the option to renew for two (2) additional years subject to negotiation

**Staff Summary:** Contract No. 0304-007 Road Base Aggregate will expire on August 7, 2005.

**Type of Action Requested:** (check one)  
 Resolution  Ordinance  
 Formal Action/Motion  Other (Specify)

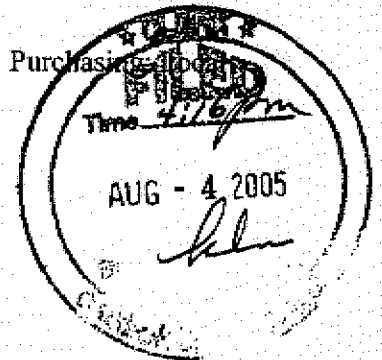
**Does This Action Require A Business Impact Statement:**  Yes  No

**Recommended Board Action:** I move to extend Contract No. 0304-007 Road Base Aggregate with Canyon Creek Construction to provide Type II Class B Aggregate Base Material at \$6.86 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.00 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load) and no change in the original terms and conditions as originally awarded through August 7, 2006 with the option to renew for two (2) additional years subject to negotiation

**Explanation for Recommended Board Action:** On August 7, 2003 the Board of Supervisors awarded Contract No. 0304-007 Road Base Aggregate to Canyon Creek Construction to provide Type II Class B Aggregate Base Material at \$6.00 per ton delivered through August 7, 2005 with the option to renew for three (3) additional years subject to negotiation.

**Applicable Statute, Code, Policy, Rule or Regulation:** N.R.S. Chapter 332 Purchasing Governments.

**Fiscal Impact:** \$90,000.00



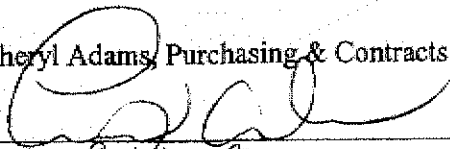
**Explanation of Impact:** If approved, the referenced account could be decreased by \$90,000.00

**Funding Source:** \$90,000.00 budgeted in Street Repair 256-3038-431 FY 0506

**Supporting Material:** Letters from Canyon Creek Construction, Inc.; Fax from Cheryl Adams; and Agenda Report dated 8/7/03

**Prepared By:** Cheryl Adams, Purchasing & Contracts Manager


**Reviewed By:**

  
(Development Services)

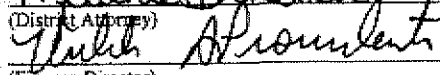
Date: 7-26-05

  
(City Manager)

Date: 7-26-05

  
(District Attorney)

Date: 7-26-05

  
(Finance Director)

Date: 7-26-05

**Board Action Taken:**

Motion: \_\_\_\_\_

1) \_\_\_\_\_

Aye/Nay

2) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(Vote Recorded By)



# CANYON CREEK CONSTRUCTION, INC.

P. O. BOX 21270 • CARSON CITY, NV 89721 • (775) 882-6622 • FAX (775) 882-6621

A General Engineering Contractor • NV. Lic. # 29210 • CA. Lic # 788203

Cheryl Adams  
Carson City Purchasing & Contracts  
201 North Carson Street, Suite 11  
Carson City, NV 89701

**RE: 0304-007 Road Base Aggregate**

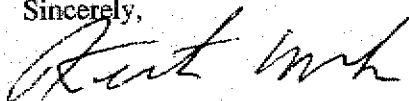
July 11, 2005

Dear Cheryl:

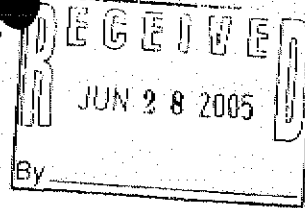
The conditions on your June 28, 2005 letter for the above mentioned project is acceptable to CanyonCreek Construction Inc.

If you have any questions, please feel free to contact me at (775) 882-6622.

Sincerely,



Kenneth Meek  
Project Manager

**CARSON CITY, NEVADA**

CONSOLIDATED MUNICIPALITY AND STATE CAPITAL

**FAX**

**To:** Kenneth Meck, Project Manager for Canyon Creek  
Construction FAX #882-6621

**Pages:** 2, including this cover sheet.

**Date:** June 28, 2005

We have evaluated your proposal dated June 23, 2005 as well as the original bid document for Contract No. 0304-007 Road Base Aggregate

Unfortunately, the bid document states that the Contract Term shall be for two (2) years from date of award by the Board of Supervisors and that Carson City shall reserve the right to renew the Contract for three (3) additional one (1) year periods, subject to negotiation.

Consequently, we will only be able to renew the contract for the period of August 8, 2005 through August 7, 2006 at the price of \$6.86 per ton based on delivery in bottom dump trains (approximately 35 tons per load) and an additional \$2.00 per ton will be charged for delivery made with single bottom dumps or endumps (approximately 20 tons per load).

We will contact you in April 2006 to start the negotiation process for the period of August 8, 2006 through August 7, 2007.

Please advise in writing by July 11<sup>th</sup> if this is acceptable.

From the desk of...

Cheryl Adams, Manager  
Carson City Purchasing & Contracts  
201 North Carson Street Suite 11  
Carson City, NV 89701  
775-887-2027 extension 1100  
Fax: 775-887-2107  
cadams@ci.carson-city.nv.us

# CANYON CREEK CONSTRUCTION, INC.

P. O. BOX 21270 • CARSON CITY, NV 89721 • (775) 882-6622 • FAX (775) 882-6621

A General Engineering Contractor • NV. Lic. # 29210 • CA. Lic # 788203

Cheryl Adams  
Carson City Purchasing & Contracts  
201 North Carson Street, Suite 11  
Carson City, NV 89701

**RE: 0304-007 Road Base Aggregate**

June 24, 2005

Dear Cheryl:

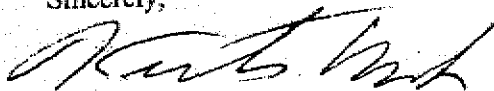
As you know prices have increased since Canyon Creek Construction bid this contract in July of 2003. For example, the cost of hauling has increased 15 % and the price of fuel has increased 61 % and still rising. The above mentioned contract expires on August 7, 2005. Canyon Creek Construction Inc. would like to propose the following pricing for the additional three year renewal.

August 8, 2005 to August 7, 2006	\$ 6.86 / ton*
August 8, 2006 to August 7, 2007	\$ 6.86/ ton* + Percentage increase from 2005 of the West Urban Consumer Price Index
August 8, 2007 to August 7, 2008	\$ 6.86/ ton* + Percentage increase from 2005 of the West Urban Consumer Price Index

**NOTE (\*)** This price is based on delivery in bottom dump trains (Approximately 35 tons per load) and additional \$ 2.00/ton will be charged for delivery made with single bottom dumps or endumps (Approximately 20 tons per load).

If you have any questions, please feel free to contact me at (775) 882-6622.

Sincerely,

  
Kenneth Meek  
Project Manager

City of Carson City  
Request for Board Action

Date Submitted: July 29, 2003

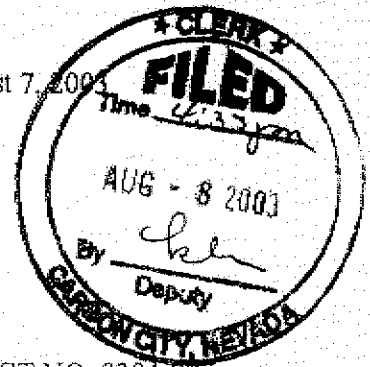
Agenda Date Requested: August 7, 2003

To: Mayor and Supervisors

From: Purchasing & Contracts

Time Requested: Consent Agenda

Subject Title: ACTION TO APPROVE THE AWARD OF CONTRACT NO. 0304-007 ROAD BASE AGGREGATE TO CANYON CREEK CONSTRUCTION AS THE LOWEST RESPONSIVE AND RESPONSIBLE BIDDER PURSUANT TO N.R.S. CHAPTER 332 TO PROVIDE TYPE II CLASS B AGGREGATE BASE MATERIAL AT \$6.00 PER TON DELIVERED THROUGH AUGUST 7, 2005 WITH THE OPTION TO RENEW FOR THREE (3) ADDITIONAL YEARS SUBJECT TO NEGOTIATION



Type of Action Requested: (check One)

Resolution

Ordinance

Formal Action/Motion

Other (Specify)

Does this action require a Business Impact Statement: ( ) Yes (X) No

**Recommended Board Action:** I move to approve the award of Contract No. 0304-007 Road Base Aggregate to Canyon Creek Construction as the lowest responsive and responsible bidder pursuant to N.R.S. Chapter 332 to provide Type II Class B Aggregate Base Material at \$6.00 per ton delivered through August 7, 2005 with the option to renew for three (3) additional years subject to negotiation

**Discussion:**

Four (4) **NOTICE TO BIDDERS** were mailed on June 2, 2003 and the **NOTICE TO BIDDERS** was published in the Nevada Appeal on June 8, 2003.

The bids were opened at approximately 2:30 p.m. on July 16, 2003 at 201 North Carson Street, Carson City, Nevada 89701. Present during the bid opening was Cheryl Adams, Purchasing & Contracts Manager.

Proposals were received from three (3) bidders: Cinderlite Trucking, Corp., 1665 South Sutro Terrace, Carson City, NV 89706 775-882-4483 FAX 775-882-1671; Dayton Materials, LLC, #20 Ricci Road, Dayton, NV 89403 775-246-5440 FAX 775-256-3911; and Canyon Creek Construction, PO Box 21270, Carson City, NV 89721 775-882-6622 FAX 775-882-6621. Please refer to the **BID TABULATION** for specifics.

Proposals were reviewed for price; conformance to the specifications; qualifications; and the best interests of the public.

**City of Carson City  
Request for Board Action**

Staff recommends award to Canyon Creek Construction as the lowest responsive and responsible bidder pursuant to N.R.S. Chapter 332.

**Fiscal Impact:** \$15,000.00

**Explanation of Impact:** If approved, the referenced account could be decreased by \$15,000.00.

**Funding Source:** \$15,000.00 budgeted in FY 0304 Property Services/Street Repair 256-3038-431

**Alternatives:** Award contract to the higher bidder or do not award contract.

Prepared By: Cheryl Adams, Purchasing & Contracts Manager

Reviewed By (DS):

Date: 7-29-03

Concurrence (CM):

Date: 7/29/03

Concurrence (DA):

Date: 7/29/03

Concurrence (Fin):

Date: 7/29/03

**Board Action Taken:**

Motion: \_\_\_\_\_

1) \_\_\_\_\_

2) \_\_\_\_\_

Aye/Nay

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
(Vote Recorded By)

# BID TABULATION REPORT FROM CARSON CITY PURCHASING & CONTRACTS

## 775-887-2027 extension 1100

REQUEST FOR BID No. 0304-007 Road Base Aggregate  
 DATE OF OPENING: July 16, 2003  
 TIME OF OPENING: 2:30 pm

ATTENDEES: Cheryl Adams, Purchasing & Contracts Manager

Description	Cinderlite Trucking, Corp. Greg Lehman FAX #882-1671	Dayton Materials, LLC Jeff Wass FAX #246-3911	Canyon Creek Construction Sam Nevis FAX #882-6621
Bidder submitted 1 original BID RESPONSE <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
Bidder submitted 3 copies of BID RESPONSE <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	no
50 Bidder Information provided <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
51 Business License information provided <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
52 Disclosure of Principals provided <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53 Bidder has read the SPECIFICATIONS and certifies that the product(s) and/or service(s) proposed meets or exceeds the requirements of this REQUEST FOR BID? <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	left blank	yes
53.1 Bidder agrees to furnish and pay for all materials, labor, equipment, supplies, transportation, and facilities necessary to supply road base aggregate. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes

Description	Cinderlife Trucking, Corp. Greg Lehman FAX #882-1671	Dayton Materials, LLC Jeff Wass FAX #246-3911	Canyon Creek Construction Sam Nevis FAX #882-6621
53.2 Bidder agrees that the Type II Class B aggregate base material shall conform to the requirements of the "Standard Specifications for Public Work Construction", 1996 Edition and in addition, it must have 100% fractured faces, as tested by Nev. T230. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.1 Bidder agrees that the materials shall be 3/4 inch size maximum gradation (per Section 200.01.03 "Type II Class B aggregate base, in the aforementioned Specification Book). <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.1.1 Bidder agrees that the maximum moisture content upon delivery shall not exceed the optimum moisture content as stated in the moisture-density curve for the material and shall be deducted from total weight before payment. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.2 Bidder agrees that as directed and confirmed by Chuck Knowlton, Street Operations Chief, or his designee, the Bidder shall periodically furnish proof, from a qualified testing laboratory of the City's choice, that his material meets these minimum specifications. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.2.1 Bidder has provided "Exhibit 3.1.4.1" proof from a qualified testing laboratory of the City's choice that Bidder's material meets the minimum specifications. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes

Description	Cinderlite Trucking, Corp. Greg Lehman FAX #882-1671	Dayton Materials, LLC Jeff Wass FAX #246-3911	Canyon Creek Construction Sam Nevis FAX #882-6621
53.2.3 Bidder agrees that the City shall reserve the right to require of the Bidder throughout the term of the contract, certification of compliance with regard to these specifications, and on any such testing required where the results indicate failure, the cost associated therewith shall be the responsibility of the Bidder. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.4 Bidder agrees that the Bids shall be based on standard weight material. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.5 Bidder has provided "Exhibit 3.1.7.1" proof from an engineering lab of Bidder's average unit weight per cubic foot compacted at ninety-five percent (95%) of maximum dry density ASTM D1557. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.6 Bidder agrees that volume or spread rate per ton is not considered as a factor for bidding purposes. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.7 Bidder agrees to perform, to the satisfaction of the City, to maintain throughout the term of the contract, adequate staff, equipment and facilities to meet the terms and conditions hereof; and to provide the materials and/or services in accordance with the provisions of the bid documents. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.8 Bidder agrees that measurement and payment shall be based on certified weight records furnished by the Bidder to the City. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes



Description	Cinderlite Trucking, Corp. Greg Lehman FAX #882-1671	Dayton Materials, LLC Jeff Wass FAX #246-3911	Canyon Creek Construction Sam Nevis FAX #882-6621
53.2.9 Bidder agrees that Carson City will pay the Bidder progress payments computed from the actual quantities of materials furnished, at the unit price shown in the <b>BID RESPONSE</b> . <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.10 Bidder agrees that material furnished pursuant to this Contract shall be delivered to, or within, the urban and rural areas of Carson City and shall be in units as indicated on the <b>BID RESPONSE</b> , or as otherwise provided. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.11 Bidder agrees that such deliveries may be made to stock piles or spread on roadway surfaces, as directed by Chuck Knowlton, Street Operations Chief or his designee. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.12 Bidder agrees that Carson City shall provide three (3) days delivery notice on quantities up to 600 tons. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.13 Bidder agrees that weight records from State certified scales shall be furnished to the City. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
53.2.14 Bidder agrees that for units of 600 tons or more, the material shall be delivered at a "truck-arrival rate" of ten (10) minutes minimum and twenty (20) minutes maximum intervals. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
54 Bidder agrees that the <b>CONTRACT TERM</b> shall be for two (2) years from date of award by the Board of Supervisors. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes

Description	Cinderlite Trucking, Corp. Greg Lehman FAX #882-1671	Dayton Materials, LLC Jeff Wass FAX #246-3911	Canyon Creek Construction Sam Nevis FAX #882-6621
54.1 Bidder agrees that Carson City shall have the right to renew the Contract, for two (3) additional years, subject to negotiation. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
54.2 Bidder guarantees the pricing for a period of two (2) years from the date of award. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
55 Bidder agrees that product(s) supplied pursuant to the provisions of this Contract shall be subject to escalation and/or de-escalation of prices. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
56 Bidder agrees that should he fail to deliver the product(s) and/or perform the service(s) bid in accordance with this <b>REQUEST FOR BID</b> , the City may declare the Bidder in default of contract and recover all damages, costs and fees (including Attorney's fees) allowable by law. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
57 Bidder agrees that in the event of default by the Bidder, Carson City may, at its option, pursue one or all of the following alternatives including: procure the product(s) and/or service(s) from another source and hold the defaulting Bidder responsible for an excess cost occasioned thereby, assess a penalty of 5% of the total awarded bid amount, commence with Surety and/or Performance Bond proceedings, debar the defaulting Bidder for not less than one year, or pursue other applicable legal remedies. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes

Description	Cinderlite Trucking, Corp. Greg Lehman FAX #882-1671	Dayton Materials, LLC Jeff Wass FAX #246-3911	Canyon Creek Construction Sam Nevis FAX #882-6621
58 Bidder agrees that if necessity requires the use of materials or supplies not conforming to the <b>SPECIFICATIONS</b> , they may be accepted and payment shall be made at a proper adjustment in price. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
59 Bidder has read and agrees to abide by the <b>TERMS AND CONDITIONS</b> of this <b>REQUEST FOR BID</b> . <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
60 Bidder agrees to provide a certificate of general liability insurance containing limits of not less than One Million Dollars (\$1,000,000) naming Carson City as an additional insured and certificate holder within ten (10) days of award by the Board of Supervisors. Certificate shall be furnished to Carson City Purchasing & Contracts, 201 North Carson Street Suite 11, Carson City, Nevada 89701. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
61 Bidder agree to provide a certificate of workers' compensation insurance listing Carson City as a certificate holder within ten (10) days of award by the Board of Supervisors. Certificate shall be furnished to Carson City Purchasing & Contracts, 201 North Carson Street Suite 11, Carson City, Nevada 89701. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
62 <b>CASH DISCOUNT</b> of _____ % may be taken in addition to the price(s) stated for the terms of _____ days.	1% 30 days	n/a	left blank
<b>TYPE II CLASS B AGGREGATE BASE MATERIAL CONTRACT PRICING:</b>			

Description	Cinderlite Trucking, Corp. Greg Lehman FAX #882-1671	Dayton Materials, LLC Jeff Wass FAX #246-3911	Canyon Creek Construction Sam Nevis FAX #882-6621
0-150 tons  Unit Price for 0-150 tons written in words <input type="checkbox"/> Yes <input type="checkbox"/> No	134.5 lbs /C.F. unit cost \$6.90	129.5 lbs/C.F. Unit cost \$8.50/ton	113.9 lbs/C.F. Unit cost \$6.00/ton
151 to 600 tons  Unit Price for 151 to 600 tons written in words <input type="checkbox"/> Yes <input type="checkbox"/> No	134.5 lbs / C.F. Unit cost \$6.90	129.5 lbs/C.F. Unit Cost \$8.25/ton	113.9 lbs/C.F. Unit cost \$6.00/ton
601 tons and over  Unit Price for 601 tons and over written in words <input type="checkbox"/> Yes <input type="checkbox"/> No	134.5 lbs /C.F. unit cost \$6.90	129.5 lbs/C.F. Unit Cost \$8.00/ton	113.9 lbs/C.F. Unit cost \$6.00/ton
63.1 Fleet availability was provided. <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
64 <b>BID RESPONSE</b> signed & notarized <input type="checkbox"/> Yes <input type="checkbox"/> No	yes	yes	yes
65 Exceptions taken <input type="checkbox"/> Yes <input type="checkbox"/> No	no	no	no
Bidder initialed & dated each page of <b>BID RESPONSE</b> <input type="checkbox"/> Yes <input type="checkbox"/> No			
*** End Of Document ***			



## CARSON CITY, NEVADA

CONSOLIDATED MUNICIPALITY AND STATE CAPITAL

### MEMORANDUM

**TO:** Cheryl Adams, Purchasing / Contracts Manager  
**FROM:** John Flansberg, Transportation Manager  
**DATE:** July 16, 2003  
**Subject:** Aggregate Base Rock Contract #0304-007: Analysis of Low Bid.

I have analyzed the bids received from Canyon Creek Construction, Cinderlite Trucking Corporation, and Dayton Materials LLC and have found that Canyon Creek Construction is the lowest responsive and responsible bidder for the above referenced contract.

Canyon Creek Construction has bid \$6.00 / ton for Aggregate Base Rock and has a Maximum Dry Density of 119.9 lbs / cf. When compared to the second lowest bidder, Cinderlite Trucking Corporation, at \$6.90 / ton and a unit weight of 134.5 lbs / cf, Canyon Creek Construction is still the lowest bidder.

**Example:**

Order Aggregate Base Rock for 1000 lf x 26 ft x 0.5 ft = 13,000 cf.

Canyon Creek Construction: Order 13,000 cf x 119.9 lbs / cf / 2000 lbs / ton = 779.35 tons  
779.35 tons x \$6.00 / ton = **\$4,676.10**

Cinderlite Trucking Corporation: Order 13,000 cf x 134.5 lbs / cf / 2000 lbs / ton = 874.25 tons  
874.25 tons x \$6.90 / ton = **\$6,032.33**

Dayton Materials LLC: Order 13,000 cf x 129.5 lbs / cf / 2000 lbs / ton = 841.75 tons  
841.75 tons x \$8.00 / ton = **\$6,734.00**

Canyon Creek Construction is lowest bidder.

Therefore, I recommend awarding Canyon Creek Construction as the lowest responsive and responsible bidder for the Carson City Aggregate Base Rock Contract #0304-007.

Please call regarding any questions that you may have on this matter.

# CARSON CITY PURCHASING & CONTRACTS

## BID RESPONSE

Bidder's Initials & date SN 7/14/03

### 50 BIDDER INFORMATION:

Company Name: Canyon Creek Construction  
Federal ID No.: 88-0237947  
Mailing Address: P.O. Box 21270  
City, State, Zip Code: Carson City, Nevada 89721  
Complete Telephone Number: (775) 882-6622  
Complete Fax Number: (775) 882-6621

Contact Person/Title: Sam Nevis / President  
Mailing Address: P.O. Box 21270  
City, State, Zip Code: Carson City, Nevada 89721  
Complete Telephone Number: (775) 882-6622  
Complete Fax Number: (775) 882-6621  
E-mail Address: CCNevis@aol.com

51 Carson City Municipal Code Section 4.04.010 requires that any business operating within Carson City is required to be in possession of a valid Carson City business license. Be advised that upon award of a contract by Carson City, you must either have a current business license or an exemption letter from the Carson City Treasurer's Office before commencing business. However, possession of said license is not a prerequisite for bidding.

51.1 If Bidder **has** a valid Carson City Business License, please provide number:

03-04596

51.2 Bidder **does not have** a valid Carson City Business License. Bidder contacted a representative of the Treasurer's Office Business License Division at 775-887-2092 and has been informed that **Bidder does need** a Carson City Business License for this **REQUEST FOR BID**. Bidder certifies that he will obtain a Carson City Business License if awarded this **REQUEST FOR BID**.

Signature \_\_\_\_\_

Date \_\_\_\_\_

51.3 Bidder **does not have** a valid Carson City Business License. Bidder certifies that he has spoken to \_\_\_\_\_ a representative of the Treasurer's Office Business License Division at 775-887-2092 and has been informed that **Bidder does not need** a Carson City Business License for this **REQUEST FOR BID**.

Signature \_\_\_\_\_

Date \_\_\_\_\_

# CARSON CITY PURCHASING & CONTRACTS

## BID RESPONSE

Bidder's initials & date SK 7/16/07

### 52 DISCLOSURE OF PRINCIPALS:

#### 52.1 Individual and/or Partnership:

Owner 1) Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip Code: \_\_\_\_\_  
Complete Telephone Number: \_\_\_\_\_

Owner 2) Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip Code: \_\_\_\_\_  
Complete Telephone Number: \_\_\_\_\_

Other 1) Title: \_\_\_\_\_  
Name: \_\_\_\_\_

Other 2) Title: \_\_\_\_\_  
Name: \_\_\_\_\_

#### 52.2 Corporation:

State in which Company is Incorporated: Nevada  
Date Incorporated: 1988  
Name of Corporation: Canyon Creek Construction  
Address: P.O. Box 21270  
City, State, Zip Code: Carson  
Complete Telephone Number: (775) 882-6622

President's Name: Sam Nevis

Vice-President's Name: \_\_\_\_\_

Other 1) Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Other 2) Name: \_\_\_\_\_  
Title: \_\_\_\_\_

# CARSON CITY PURCHASING & CONTRACTS

## BID RESPONSE

Bidder's initials & date SN 7/12/07

If Bidder responds NO to any of the following questions, Bidder must use the EXCEPTION SUMMARY document to record any deviations, modifications, and/or alternates proposed to this REQUEST FOR BID. Failure to do so may be justification for rejection of the BID RESPONSE. Bidder must indicate the title of document from the top of the page, the page number from the bottom of the page, the item number corresponding to the item, and a detailed description of the deviation, modification, and/or alternate. Failure to note deviations, modifications, and/or alternates on the EXCEPTION SUMMARY shall be interpreted to convey that the Bidder will perform in the manner described and/or specified in this REQUEST FOR BID.

53 Bidder has read the SPECIFICATIONS and certifies that the product(s) and/or service(s) proposed meets or exceeds the requirements of this REQUEST FOR BID.  Yes  No

53.1 Bidder agrees to furnish and pay for all materials, labor, equipment, supplies, transportation, and facilities necessary to supply road base aggregate.  Yes  No

53.2 Bidder agrees that the Type II Class B aggregate base material shall conform to the requirements of the "Standard Specifications for Public Work Construction", 1996 Edition and in addition, it must have 100% fractured faces, as tested by Nev. T230.  Yes  No

53.2.1 Bidder agrees that the materials shall be 3/4 inch size maximum gradation (per Section 200.01.03 "Type II Class B aggregate base, in the aforementioned Specification Book).  Yes  No

53.2.1.1 Bidder agrees that the maximum moisture content upon delivery shall not exceed the optimum moisture content as stated in the moisture-density curve for the material and shall be deducted from total weight before payment.  Yes  No

53.2.2 Bidder agrees that as directed and confirmed by Chuck Knowlton, Street Operations Chief, or his designee, the Bidder shall periodically furnish proof, from a qualified testing laboratory of the City's choice, that his material meets these minimum specifications.  Yes  No

53.2.2.1 Bidder has provided "Exhibit 3.1.4.1" proof from a qualified testing laboratory of the City's choice that Bidder's material meets the minimum specifications.  Yes  No



# CARSON CITY PURCHASING & CONTRACTS

## BID RESPONSE

Bidder's initials & date SL 7/14/03

- 53.2.3 Bidder agrees that the City shall reserve the right to require of the Bidder throughout the term of the contract, certification of compliance with regard to these specifications, and on any such testing required where the results indicate failure, the cost associated therewith shall be the responsibility of the Bidder.  Yes  No
- 53.2.4 Bidder agrees that the Bids shall be based on standard weight material.  Yes  No
- 53.2.5 Bidder has provided "Exhibit 3.1.7.1" proof from an engineering lab of Bidder's average unit weight per cubic foot compacted at ninety-five percent (95%) of maximum dry density ASTM D1557.  Yes  No
- 53.2.6 Bidder agrees that volume or spread rate per ton is not considered as a factor for bidding purposes.  Yes  No
- 53.2.7 Bidder agrees to perform, to the satisfaction of the City; to maintain throughout the term of the contract, adequate staff, equipment and facilities to meet the terms and conditions hereof; and to provide the materials and/or services in accordance with the provisions of the bid documents.  Yes  No
- 53.2.8 Bidder agrees that measurement and payment shall be based on certified weight records furnished by the Bidder to the City.  Yes  No
- 53.2.9 Bidder agrees that Carson City will pay the Bidder progress payments computed from the actual quantities of materials furnished, at the unit price shown in the **BID RESPONSE**.  Yes  No
- 53.2.10 Bidder agrees that material furnished pursuant to this Contract shall be delivered to, or within, the urban and rural areas of Carson City and shall be in units as indicated on the **BID RESPONSE**, or as otherwise provided.  Yes  No
- 53.2.11 Bidder agrees that such deliveries may be made to stock piles or spread on roadway surfaces, as directed by Chuck Knowlton, Street Operations Chief or his designee.  Yes  No
- 53.2.12 Bidder agrees that Carson City shall provide three (3) days delivery notice on quantities up to 600 tons.  Yes  No

# CARSON CITY PURCHASING & CONTRACTS

## BID RESPONSE

Bidder's initials & date SK 7/14/03

- 53.2.13 Bidder agrees that weight records from State certified scales shall be furnished to the City.  Yes  No
- 53.2.14 Bidder agrees that for units of 600 tons or more, the material shall be delivered at a "truck-arrival rate" of ten (10) minutes minimum and twenty (20) minutes maximum intervals.  Yes  No
- 54 Bidder agrees that the **CONTRACT TERM** shall be for two (2) years from date of award by the Board of Supervisors. Yes  No
- 54.1 Bidder agrees that Carson City shall have the right to renew the Contract, for three (3) additional years, subject to negotiation. Yes  No
- 54.2 Bidder guarantees the pricing for a period of two (2) years from the date of award. Yes  No
- 55 Bidder agrees that product(s) supplied pursuant to the provisions of this Contract shall be subject to escalation and/or de-escalation of prices. Yes  No
- 56 Bidder agrees that should he fail to deliver the product(s) and/or perform the service(s) bid in accordance with this **REQUEST FOR BID**, the City may declare the Bidder in default of contract and recover all damages, costs and fees (including Attorney's fees) allowable by law. Yes  No
- 57 Bidder agrees that in the event of default by the Bidder, Carson City may, at its option, pursue one or all of the following alternatives including: procure the product(s) and/or service(s) from another source and hold the defaulting Bidder responsible for an excess cost occasioned thereby, assess a penalty of 5% of the total awarded bid amount, commence with Surety and/or Performance Bond proceedings, debar the defaulting Bidder for not less than one year, or pursue other applicable legal remedies. Yes  No
- 58 Bidder agrees that if necessity requires the use of materials or supplies not conforming to the **SPECIFICATIONS**, they may be accepted and payment shall be made at a proper adjustment in price. Yes  No
- 59 Bidder has read and agrees to abide by the **TERMS AND CONDITIONS** of this **REQUEST FOR BID**. Yes  No

# CARSON CITY PURCHASING & CONTRACTS

## BID RESPONSE

Bidder's Initials & date SN 7/14/07

60 Bidder agrees to provide a certificate of general liability insurance containing limits of not less than One Million Dollars (\$1,000,000) naming Carson City as an additional insured and certificate holder within ten (10) days of award by the Board of Supervisors. Certificate shall be furnished to Carson City Purchasing & Contracts, 201 North Carson Street Suite 11, Carson City, Nevada 89701. Yes  No

61 Bidder agree to provide a certificate of workers' compensation insurance listing Carson City as a certificate holder within ten (10) days of award by the Board of Supervisors. Certificate shall be furnished to Carson City Purchasing & Contracts, 201 North Carson Street Suite 11, Carson City, Nevada 89701. Yes  No

62 **CASH DISCOUNT** of \_\_\_\_\_ % may be taken in addition to the price(s) stated for the terms of \_\_\_\_\_ days.

62.1 Prompt payment discounts will be considered in award recommendation only if discount period is fifteen (15) or more calendar days.

62.2 Discount period will be computed from the date Carson City acknowledges that the delivery and/or performance meets the requirements of this **REQUEST FOR BID** or from the date the correct invoice is received by the appropriate Carson City department/division accounts payable clerk, whichever is the latter date.

62.3 Payment is deemed to be made on the date payment is mailed to the Bidder.

### 63 TYPE II CLASS B AGGREGATE BASE MATERIAL CONTRACT PRICING:

<u>QUANTITY</u>	<u>LBS/C.F. COMPACTED</u>	<u>UNIT COST</u>
0 to 150 tons	<u>113.9 lbs/ 1 C.F.</u>	<u>\$6<sup>00</sup> / TON</u>
Unit cost written in words:	<u>Six dollars per TON @ 95%</u>	

151 to 600 tons	<u>113.9 lbs/ 1 C.F.</u>	<u>\$6<sup>00</sup> / TON</u>
Unit cost written in words:	<u>Six dollars per TON @ 95%</u>	

601 tons and over	<u>113.9 lbs/ 1 C.F.</u>	<u>\$6<sup>00</sup> / TON</u>
Unit cost written in words:	<u>Six dollars per TON @ 95%</u>	

# CARSON CITY PURCHASING & CONTRACTS

## BID RESPONSE

Bidder's Initials & date SN 7/14/03

63.1 Fleet availability - State the number of trucks and tonnage of stated trucks available to you for service under this Contract.

QUANTITY	CAPACITY (Tonnage)	Check one of the following:
<u>5</u>	<u>22</u>	Own <input checked="" type="checkbox"/> Lease <input type="checkbox"/> Rent <input type="checkbox"/>
<u>5</u>	<u>36</u>	Own <input checked="" type="checkbox"/> Lease <input type="checkbox"/> Rent <input type="checkbox"/>
		Own <input type="checkbox"/> Lease <input type="checkbox"/> Rent <input type="checkbox"/>
		Own <input type="checkbox"/> Lease <input type="checkbox"/> Rent <input type="checkbox"/>
		Own <input type="checkbox"/> Lease <input type="checkbox"/> Rent <input type="checkbox"/>
		Own <input type="checkbox"/> Lease <input type="checkbox"/> Rent <input type="checkbox"/>
		Own <input type="checkbox"/> Lease <input type="checkbox"/> Rent <input type="checkbox"/>

**CARSON CITY PURCHASING & CONTRACTS**  
**BID RESPONSE**

Bidder's Initials & date SN 7/16/03

**64 ACKNOWLEDGMENT AND EXECUTION:**

STATE OF Nevada )  
 ) SS  
COUNTY OF Carson City )

I, Sam Nevis (Name of party signing this **BID RESPONSE**), being first duly sworn, do depose and say: That I am the Bidder, or the authorized agent of the Bidder, from whom the aforesaid described product(s) and/or service(s) is to be provided; that I have read and agree to abide by this **REQUEST FOR BID** which includes the following documents: **NOTICE TO BIDDERS, SPECIFICATIONS, TERMS AND CONDITIONS, and BID RESPONSE.**

**BIDDER:**

PRINTED NAME OF BIDDER: Canyon Creek Construction

TITLE: President

FIRM: Canyon Creek Construction

Address: P.O. Box 21270

City: Carson City

State / Zip Code: Nevada 89721

Telephone Number: (775) 882-6622

Fax Number: (775) 882-6621

E-mail address: CCCNVIS@aol.com

Sam Nevis  
(Signature of Bidder)

DATED this 16 day of July, 2003.

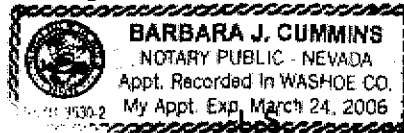
**ATTEST:**

On this 16 day of July, in the year 2003, before me, Barbara J. Cummins, Notary Public, personally appeared Sam Nevis, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged that he (she) executed it.

WITNESS my hand and official seal.

Barbara J. Cummins  
Notary's Signature

My Commission Expires: March 24 2006



Barbara J. Cummins Notary Public for the State of Nevada

**CARSON CITY PURCHASING & CONTRACTS**  
**BID RESPONSE**

Bidder's initials & date CA 7/14/03

**65 EXCEPTION SUMMARY INSTRUCTIONS:**

- 65.1 Use this document to record any deviations, modifications, and/or alternates proposed to this **REQUEST FOR BID**. Failure to do so may be justification for rejection of the **BID RESPONSE**. Bidder must indicate the title of document from the top of the page, the page number from the bottom of the page, the item number corresponding to the item, and a detailed description of the deviation, modification, and/or alternate. Failure to note deviations, modifications, and/or alternates on the **EXCEPTION SUMMARY** shall be interpreted to convey that the Bidder will perform in the manner described and/or specified in this **REQUEST FOR BID**.
- 65.2 If additional space is required, use company letterhead and mark as "Exhibit 65.2".
- 65.3 If there are no deviations, modifications, and/or alternates proposed to this **REQUEST FOR BID**, write "None".

*None*

**\*\*\* END OF BID RESPONSE \*\*\***

**Exhibit 3.14**  
**LABORATORY TEST DATA SUMMARY TABLE**

Project: Canyon Creek Construction TAO Project No.: 0578-01-1  
 Lab Log: 3589 Date Sampled: 2/19/2003 Sampled By: Client Date Received: 2/20/2003  
 Sample Identification: Type 2, Class B, Aggregate Base Course  
 Supplier/Sample Source: Canyon Creek Construction, Mound House Pit

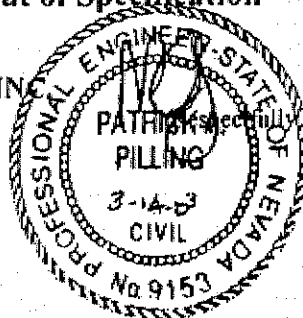
**GRADATION TEST DATA**

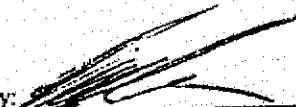
Sieve Size	Percent Passing	Specifications
		<b>SSPWC Type 2 Class B Aggregate Base Course</b>
1"	100	100
3/4"	97	90-100
1/2"	89	---
3/8"	79	---
No. 4	51	35-65
8	34	---
16	24	15-40
30	17	---
50	13	---
100	11	---
200	8.9	2-10
<b>Fractured Faces (%)</b>	100	35 % Minimum
<b>R Value</b>	81	70 Minimum
<b>Percentage of Wear (%)</b>	23.9	45 Maximum
<b>Atterberg Limits (LL,PI)</b>	LL = 22, PI = 1	35 Max., 4 Max.
<b>Moisture Density</b>	ASTM D 1557, Method C	---
<b>Max. Dry Density (pcf)</b>	119.9	---
<b>Optimum Moist. Cont. (%)</b>	10.6	---

**[ - ] Indicates Out of Specification**



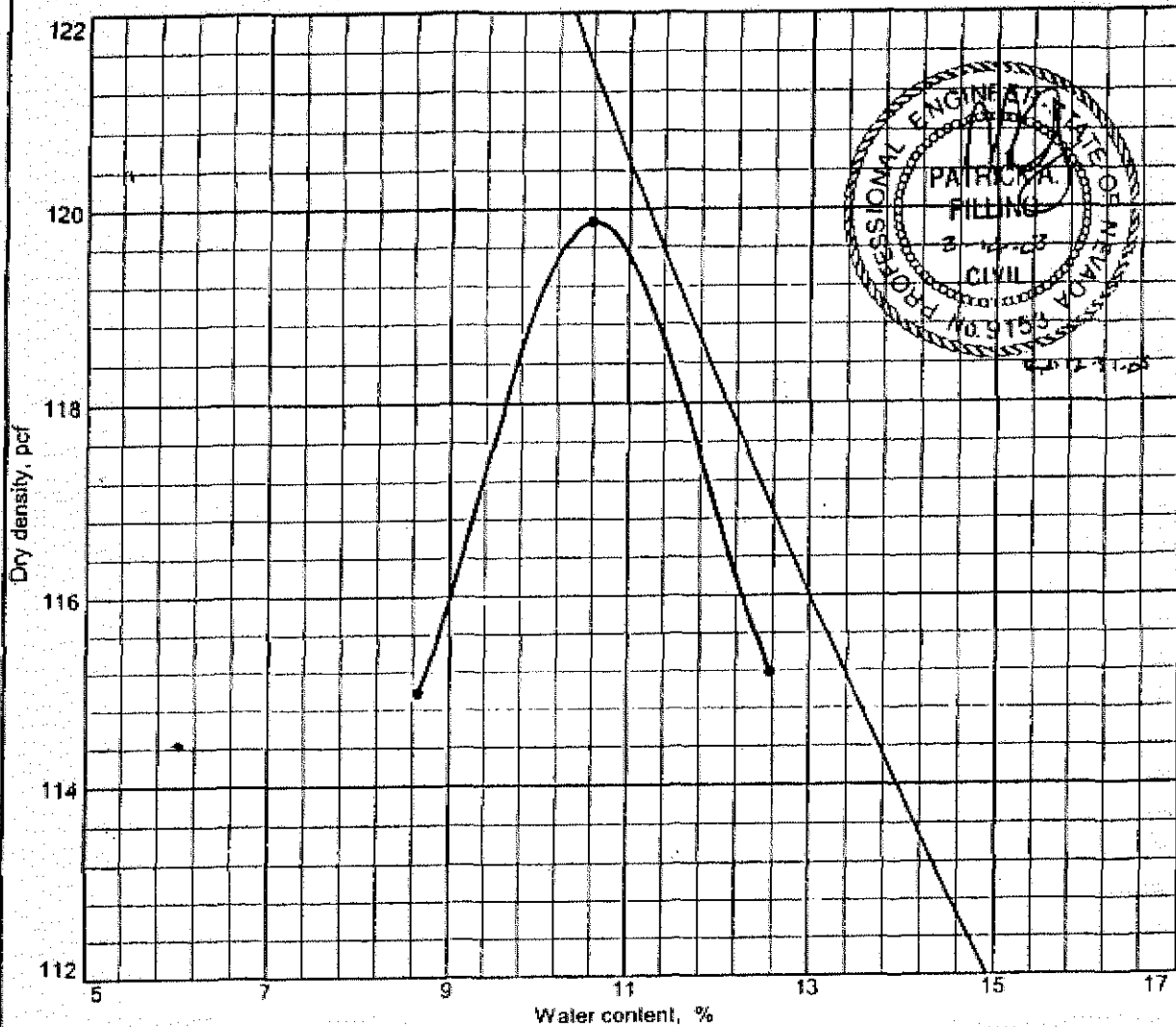
**BLACK EAGLE CONSULTING, INC.**  
 1345 CAPITAL BOULEVARD, SUITE A  
 RENO, NEVADA 89502-7140  
 PHONE (775) 359-6600  
 FAX (775) 359-7766



Submitted By:   
 Ron Weber  
 Laboratory Services Manager  
 Date: March 13, 2003

3-17-03

# COMPACTION TEST REPORT



ZAV for  
Sp.G. =  
2.45

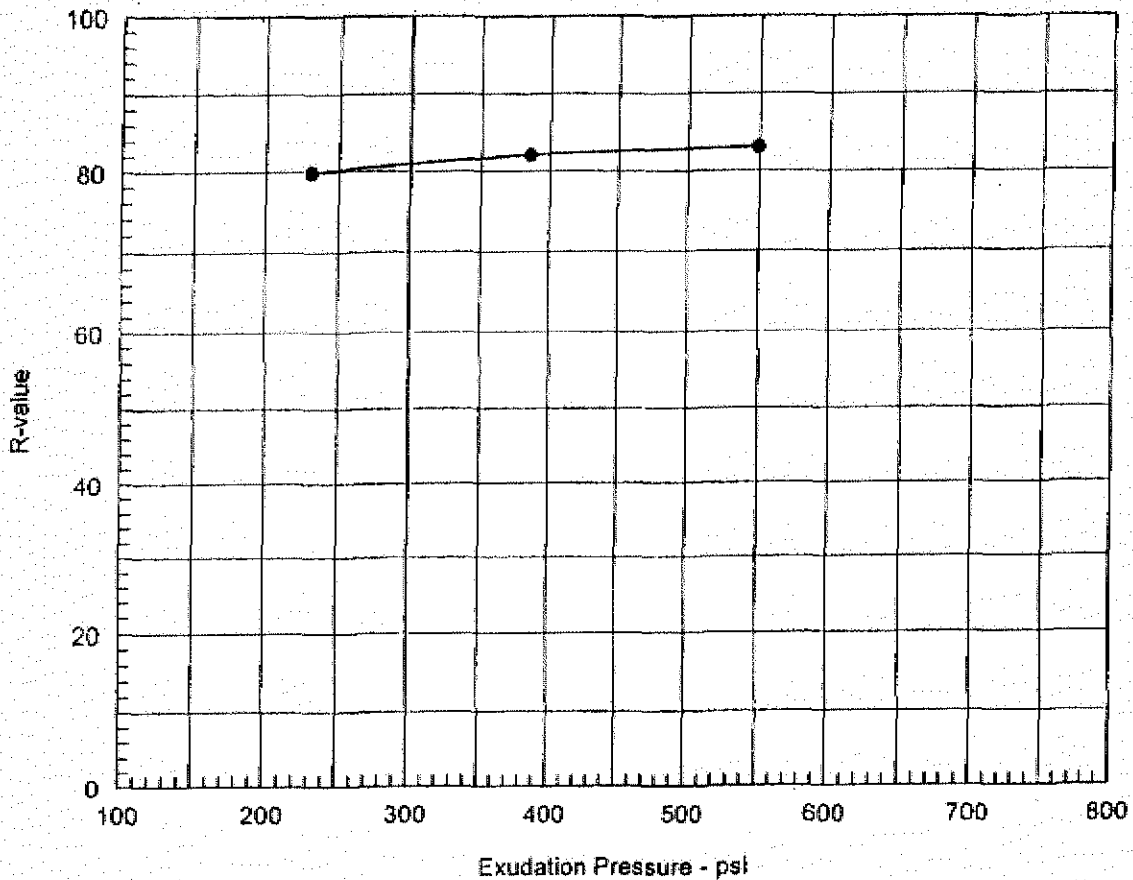
Test specification: ASTM D 1557-91 Procedure C Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
			6.6 %		22	1	3.0	8.9

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 119.9 pcf Optimum moisture = 10.6 %	Type 2, Class B, Aggregate Base Course
Project No. 0578-01-1    Client: Canyon Creek Construction Project: Testing as Ordered Source: Moundhouse Pit	Remarks: Laboratory Number 3589 March 4, 2003
COMPACTION TEST REPORT <b>BLACK EAGLE CONSULTING, INC.</b>	



# R-VALUE TEST REPORT



Resistance R-Value and Expansion Pressure - ASTM D 2844

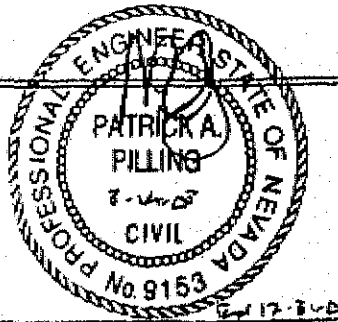
No.	Compact. Pressure psi	Density pcf	Moist. %	Expansion Pressure psi	Horizontal Press. psi @ 160 psi	Sample Height in.	Exud. Pressure psi	R Value	R Value Corr.
1	350	109.7	15.1	0.00	13	2.40	549	84	83
2	350	108.5	16.3	0.00	17	2.38	231	81	80
3	350	109.3	15.7	0.00	15	2.44	386	83	82

Test Results	Material Description
--------------	----------------------

R-value at 300 psi exudation pressure = 81

Type 2, Class B, Aggregate Base Course

Project No.: 0578-01-1  
 Project: Testing as Ordered  
 Source of Sample: Moundhouse Pit  
 Date: 3/13/2003



Tested by: J.F.  
 Checked by: R.W.  
 Remarks:  
 Laboratory Number 3589