

## CIP DESIGN AND ENGINEERING MEMORANDUM

# 08-12

May 8, 2008

**TO:** Honorable Mayor Kathleen M. Novak and City Council Members

**FROM:** A.J. Krieger, City Manager *AK*  
Kurt Kowar, CIP Design and Engineering Manager *KK*  
Joliette Woodson, Civil Engineer II *JW*

**SUBJECT:** CR-75-2008 and CR-76-2008, Street Improvements Contracts Award

### **RECOMMENDATION:**

Attached to this memorandum is a Resolution which, if approved, would authorize the Mayor to execute a contract between the City of Northglenn and Quality Paving Company for the 2008 Street Improvements Project in the amount of \$841,723.00 and authorize a contingency in the amount of \$84,172.00. A second Resolution is attached which, if approved would authorize the Mayor to execute a contract between the City of Northglenn and A-1 Chipseal Company for the 2008 Street Improvements Project in the amount of \$904,031.00 and authorize a contingency in the amount of \$90,403.00. Staff recommends approval of the proposed Resolutions.

### **BACKGROUND:**

City Council has directed Staff to address needed repairs and maintenance to several arterial and collector streets throughout the City. The proposed 2008 Street Improvements project includes double bonded hot applied chip seal, crack seal, patching, and concrete repair as well as the replacement of damaged sections of concrete trail throughout the City.

On April 7, 2008, the City accepted two (2) formal bids. One bid was received from Quality Paving Company in an amount of \$1,422,849.83 and the other from A-1 Chipseal Company in the amount of \$1,985,832.53. Though Quality Paving Company was the low bid contractor, their bid did not include the double bonded hot applied chip seal; a process that is specific to A-1 Chipseal Company and its sub-contractors. If the City accepted the bid from A-1 Chipseal Company, the cost of the contract including a 10% contingency would come close to exceeding the available funds. After reviewing the bids, Staff consulted with the City Attorney and determined that splitting the work into two phases and executing two contracts was acceptable.

Phase I will include crack seal repair, patching and leveling which are necessary maintenance activities prior to chip seal operation. Phase I will also include citywide concrete trail repairs which will be funded out of the 2008 Greenway Trail Concrete Replacement Fund. Quality Paving Company has completed similar projects with the City of Northglenn and other municipalities. Staff, therefore, recommends contracting with Quality Paving Company to complete this initial portion of the work.

Phase II will include the double bonded hot applied chipseal resurfacing which will extend pavement life 5-8 years for Washington Street, Irma Drive, Croke Drive., E. 112<sup>th</sup> Avenue and Community Center Drive. There are only two chipseal contractors in Colorado, and only A-1 Chipseal Company does work in the metro area. A-1 Chipseal Company has successfully completed chipseal projects in

the Cities of Northglenn, Westminster, Thornton, Broomfield, and Denver. Therefore, Staff recommends contracting with A-1 Chipseal Company to complete this final portion of the work.

By splitting the contract the City will save approximately \$200,000 in project costs. Staff recommends contracting with Quality Paving Company to complete Phase I and A-1 Chipseal Company to complete Phase II.

**POTENTIAL OBJECTION:**

City Staff is not aware of any specific opposition to the proposed Resolutions.

**BUDGET/TIME IMPLICATIONS:**

The budget as proposed for the Quality Paving Company contract is \$841,723.00 with a contingency in the amount of \$ 84,172.00 for a total of \$925,895.00. This contract will be funded out of the following accounts:

- \$825,895.00 from the 2008 Capital Projects Fund (Account No. 410.69211.000.3999.103)
- \$100,000.00 from the 2008 Greenway Trail Concrete Replacement Fund (Account No. 210.69236.000.3999.465)

The budget as proposed for the A-1 Chipseal Company contract is \$904,031.00 with a contingency in the amount of \$90,403.00 for a total of \$994,434.00. This contract will be funded out of the following accounts:

- \$981,269.00 from the 2008 Capital Projects Fund (Account No. 410.69211.000.3999.103)
- \$13,165.00 from the 2008 Manhole and Water Valve Adjustment Fund (Account No. 516.69211.000.3999.656).

The total budget for the project including contingencies is 1,920,329.00.

**STAFF REFERENCE:**

Please contact Kurt Kowar, CIP Design and Engineering Manager at [kkowar@northglenn.org](mailto:kkowar@northglenn.org), or (303) 349-3772.

SPONSORED BY: COUNCIL MEMBER MONROE

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-76  
Series of 2008

\_\_\_\_\_  
Series of 2008

A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE CITY OF NORTHGLENN AND A-1 CHIPSEAL COMPANY FOR THE 2008 STREET IMPROVEMENTS PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

The Agreement between the City of Northglenn and A-1 Chipseal Company, attached hereto, for the 2008 Street Improvements Project is hereby approved and the Mayor is authorized to execute same on behalf of the City of Northglenn.

DATED, at Northglenn, Colorado, this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
KATHLEEN M. NOVAK  
Mayor

ATTEST:

\_\_\_\_\_  
JOHANNA SMALL, CMC  
Acting City Clerk

APPROVED AS TO FORM:

\_\_\_\_\_  
COREY Y. HOFFMANN  
City Attorney

## AGREEMENT

**PROJECT NAME: 2008 STREET IMPROVEMENT PROGRAM**

**PROJECT NUMBER:**                      **PROJECT MANAGER: Joliette Woodson**

**THIS AGREEMENT**, made this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, by and between the City of Northglenn, hereinafter called "CITY", and A-1 Chipseal Company, hereinafter called "CONTRACTOR".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the project named:

**"2008 STREET IMPROVEMENT PROGRAM"**

2. The CONTRACTOR will furnish all of the materials, supplies, tools, equipment, labor supervision, and other services necessary for the completion of the PROJECT described herein.

3. The CONTRACTOR will provide performance and payment bonds and a certificate of insurance naming the City as an additional insured for purposes of said project within 10 days after the date of the NOTICE OF AWARD.

4. The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of \$904,030.28, or as shown in the attached proposal. The CONTRACTOR will commence the work within 7 calendar days after the date of NOTICE TO PROCEED. The CONTRACTOR will complete the work within 150 calendar days after the date of NOTICE TO PROCEED unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.

5. The term "CONTRACT DOCUMENTS" means and includes all items as set forth in Section 1.01 of the General Conditions.

6. The CITY will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS.

7. This AGREEMENT shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in TWO copies, each of which shall be deemed an original on the date first above written.

**CITY:**

City of Northglenn  
By \_\_\_\_\_  
Name Kathleen M. Novak  
Title Mayor

**ATTEST:**

\_\_\_\_\_  
Name Johanna Small  
Title Acting City Clerk

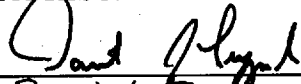
(SEAL)

**APPROVED AS TO FORM:**

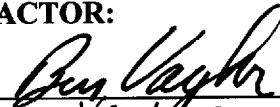
\_\_\_\_\_  
City Attorney

(SEAL)

**ATTEST:**

  
Daniel J. Gryzmala  
Name (Please Print or Type)  
Title Vice President

**CONTRACTOR:**

By   
Name Ben Vagher  
(Please Type or Print)

Title President  
Address 1235 W. 124th Ave. Ste 104  
Westminster, CO 80234

## BID SUMMARY

### A-1 Chipseal Company

(Company Name)

Hereby submits to the City of Northglenn, Colorado the following bid items complete and in place as specified for the 2008 STREET IMPROVEMENTS PROJECT - 2008 IFB - 03.

Base Bid					
Item #	Construction Item	Unit	Est. Quantity	Unit Cost	Sum
<b>WASHINGTON STREET</b>					
Wa-4	Mobilization	LS	1	\$ 6,000.00	\$ 6,000.00
Wa-5	Manhole Adjustment	EA	126	\$ 130.00	\$ 16,380.00
Wa-6	Valve Box Adjustment	EA	50	\$ 75.00	\$ 3,750.00
Wa-9	Traffic Control	LS	1	\$ 19,000.00	\$ 19,000.00
Wa-11	Hot Applied Chipseal	SY	76,000	\$ 4.38	\$ 332,880.00
Wa-12	(2) Message Boards	Day	10	\$ 800.00	\$ 8,000.00
Wa-13	Edge Milling	LF	4,000	\$ 1.35	\$ 5,400.00
<b>E. 112th AVENUE</b>					
112-4	Mobilization	LS	1	\$ 6,500.00	\$ 6,500.00
112-5	Manhole Adjustment	EA	25	\$ 130.00	\$ 3,250.00
112-6	Valve Box Adjustment	EA	15	\$ 75.00	\$ 1,125.00
112-9	Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00
112-11	Hot Applied Chipseal	SY	17,556	\$ 4.38	\$ 76,895.28
112-12	(2) Message Boards	Day	10	\$ 800.00	\$ 8,000.00
<b>COMMUNITY CENTER DR.</b>					
Com-3	Mobilization	LS	1	\$ 6,500.00	\$ 6,500.00
Com-4	Manhole Adjustment	EA	10	\$ 130.00	\$ 1,300.00
Com-5	Valve Box Adjustment	EA	10	\$ 75.00	\$ 750.00
Com-8	Traffic Control	LS	1	\$ 7,000.00	\$ 7,000.00
Com-10	Hot Applied Chipseal	SY	29,000	\$ 4.38	\$ 127,020.00
Com-11	(2) Message Boards	Day	10	\$ 800.00	\$ 8,000.00
Com-12	Edge Milling	LF	13,000	\$ 1.35	\$ 17,550.00
<b>CROKE DR.</b>					
Cr-3	Mobilization	LS	1	\$ 6,500.00	\$ 6,500.00
Cr-4	Manhole Adjustment	EA	10	\$ 130.00	\$ 1,300.00
Cr-5	Valve Box Adjustment	EA	10	\$ 75.00	\$ 750.00
Cr-8	Traffic Control	LS	1	\$ 3,500.00	\$ 3,500.00
Cr-10	Hot Applied Chipseal	SY	12,000	\$ 4.38	\$ 52,560.00
Cr-11	(2) Message Boards	Day	10	\$ 800.00	\$ 8,000.00
Cr-12	Edge Milling	LF	5,200	\$ 1.35	\$ 7,020.00
<b>IRMA DR.</b>					
Ir-3	Mobilization	LS	1	\$ 6,500.00	\$ 6,500.00
Ir-4	Manhole Adjustment	EA	20	\$ 130.00	\$ 2,600.00

Ir-5	Valve Box Adjustment	EA	20	\$ 75.00	\$ 1,500.00
Ir-8	Traffic Control	LS	1	\$ 6,000.00	\$ 6,000.00
Ir-10	Hot Applied Chipseal	SY	25,000	\$ 4.38	\$ 109,500.00
Ir-11	(2) Message Boards	Day	10	\$ 800.00	\$ 8,000.00
Ir-12	1" Milling	SY	25,000	\$ 1.20	\$ 30,000.00
	<b>TOTAL COST</b>				<b>\$ 904,030.28</b>

Notes:

1. Work shall be completed during the 2008 Chipseal Season (May thru September) The Chip Seal of Community Center Drive will begin no earlier than August 1, 2008.
2. Prices for Chipseal include all aggregate material, CRS-2P, traffic control, signage, temporary tabs, and citizen notification
3. Prices shall include (2yr) bonds.
4. Item 112-14, Cost of Concrete Chase Repair includes the cost of replacing the adjacent 10' x 10' concrete sidewalk slab.
5. Cost of Patching includes cost of associated milling operation.
6. Concrete trail repair items include the cost of removal of concrete.
7. Items 112-18 and 112-20 include the cost of fill to form the proposed sidewalk.
8. Manhole and valve adjustments are to occur prior to resurfacing.
9. Item Tr-5 cost includes the cost of recycled asphalt base for embankment
10. Rotomillings are to be delivered to the City of Northglenn Public Works Department. Cost of delivery is incidental to the bid items.

**TOTAL BID ITEMS**

**\$ 904,030.28**