



MEMORANDUM

TO: Mayor and City Councilors
FROM: Rich Olson, City Manager
Paul Fredette, Director of Public Works
DATE: October 3, 2013
REF: Consideration – 2013 Street Resurfacing Project

BACKGROUND:

On Wednesday this week, the City opened construction bids from two contractors, Barnhill Contractors Inc. and RPC Construction Inc. This was the second time that we had a scheduled bid opening. The first time we could not open bids because we only received two bids. Again on Wednesday, we only received two bids; but because we had properly advertised for this second bid opening we were able to open with only two bidders.

The approved budget for street resurfacing from Powell Bill Funds this fiscal year included a \$900,000 allotment for unspecified street resurfacing. Street resurfacing funds from Powell Bill Funds were also allocated as part of the sewer replacement/rehabilitation projects for Brooks Avenue (\$160,000) and Crescent Drive (\$149,000). The City parking lot off of Poindexter Street was also budget for resurfacing this year (\$51,000). The total Powell Bill funds to be spend on streets in fiscal year 2013-2014 was \$1,260,000.

In August, the City Council was presented a list of potential street resurfacing projects. The top priority streets on the August list included; *Crescent Drive* from Parkview Drive to Rivershore Road, *Brooks Avenue*, from Ehringhaus Street to Roanoke Avenue, *W. Church Street* from Dyer Street to Meekins Street and *W. Main Street* from Hughes Boulevard to Ashe Street. In August, the Council was further advised that when the construction bids were opened, we would have a much better idea how many of the other streets listed for "potential resurfacing" could be done within the specified budget.

ANALYSIS:

The two bids received were from:

- | | |
|--------------------------------|----------------|
| • Barnhill Contracting Company | \$1,959,032.50 |
| • RPC Contracting, Inc. | \$1,928,858.75 |

Attached is a bid analysis spread sheet to compare the details of the two bids submitted. In general, the bids were very competitive with a spread of less than 2%, which should give the City a level of comfort awarding the project to the low bidder.

The following are cost estimates for the street resurfacing projects that were prioritized back in August. Once we incorporated the per unit extensions from the bids, the following costs have been determined:

Street	Budget/Estimated	Bid	Savings
Crescent Drive	\$149,000	\$92,500	\$56,500
Brooks Avenue	\$160,000	\$62,500	\$97,500
Church Street	\$450,000	\$312,000	\$138,000
West Main Street	\$100,000	\$60,000	\$40,000
Poindexter Parking Lot	\$51,000	\$47,000	\$4,000

Resetting the brick pavers on a small section of Selden Street was also recommended as a priority by the City Council. Because the nature of setting the brick pavers requires a different labor skill, we are planning to solicit separate cost proposals for Selden Street (estimated cost \$40,000). After completing the streets that were prioritized, the estimated balance in the Powell Bill Allocation will be \$473,000.

We recommend that the streets in the Rosewood, Rosedale and Rosebud area (\$210,000) and the streets in the Brookridge - Camellia area (\$45,000) be the next priorities. These areas should be able to be completed within the budget.

As suggested, when the work starts I will update the Council on a bi-weekly basis advising what work has been done and what is planned to do in the next two weeks.

The Finance Committee discussed this matter during their meeting on October 3, 2013 and recommends approval.

STAFF RECOMMENDATIONS:

By motion, authorize the City Manager to enter into a contract with RPC Contracting, Inc. for an amount not to exceed \$1,260,000 (the amount appropriated from the Powell Bill Funds); and

Further direct the City Manager to report back to Council on a regular basis advising the Council of the progress being made on the Resurfacing Project and the status of the budget for this project.

Item Number	Description	Qty	Unit	RPC		Barnhill	
				Unit Price	Extended Price	Unit Price	Extended Price
100	Mobilization	1	LS	81770.00	\$81,770.00	144000.00	\$144,000.00
101	Core Samples	50	Ea.	75.00	\$3,750.00	60.00	\$3,000.00
102	Asphalt Concrete - (leveling Course < 1") Type SF 9.5A	3,000	Ton	41.20	\$123,600.00	38.00	\$114,000.00
103	Asphalt Concrete - (Overlay Course 1.0" - 1.5") Type SF 9.5A	13,000	Ton	41.20	\$535,600.00	38.00	\$494,000.00
104	Asphalt Concrete - (Base Course 2.0" - 3.0") Type I 19B	1,800	Ton	41.00	\$73,800.00	39.00	\$70,200.00
105	Asphalt Concrete - Poindexter St. Parking Lot	350	Ton	54.30	\$19,005.00	56.00	\$19,600.00
106	Asphalt Concrete - Hand Work Driveway Aprons	300	Ton	100.00	\$30,000.00	125.00	\$37,500.00
107	Asphalt Binder for Plant Mix (Grade PG 64-22) (Base Price Index Sept. 1, 2013 - \$573.13)	990	Ton	582.00	\$576,180.00	605.00	\$598,950.00
108	Milling - Asphalt Pavement <2.0"	80,000	Sq. Yd.	1.60	\$128,000.00	1.00	\$80,000.00
109	Reclamation / Base Stabilization < 12.0"	33,500	Sq. Yd.	3.55	\$118,925.00	3.50	\$117,250.00
110	Remove and Reset Manhole to match new finish grade.	195	Ea.	200.00	\$39,000.00	275.00	\$53,625.00
110 a	Remove and Reset Catch Basin Frame and Cover to match new finish grade	60	Ea.	200.00	\$12,000.00	425.00	\$25,500.00
111	Adjust Water Valve Boxes to match new finish grade.	45	Ea.	50.00	\$2,250.00	240.00	\$10,800.00
112	Replace Water Valve Boxes to match new finish grade	30	Ea.	150.00	\$4,500.00	350.00	\$10,500.00
113	ABC Stone	3,400	Ton	24.90	\$84,660.00	25.00	\$85,000.00
114	Shoulder Aggregate Borrow	400	Ton	35.00	\$14,000.00	41.00	\$16,400.00
115	Remove Brick Pavers (Church St.)	2,500	Cu. Yd.	11.00	\$27,500.00	10.00	\$25,000.00
116	Remove Gutter Pan (Rosedale, Rosewood & Rosebud)	6,000	Ln. Ft.	4.00	\$24,000.00	5.00	\$30,000.00
117 a	Replace Traffic Signal Control - Inductive Loop - Sawcut	500	Ln. Ft.	9.25	\$4,625.00	6.50	\$3,250.00
117 b	Replace Traffic Signal Control - Lead-in Cable	375	Ln. Ft.	3.25	\$1,218.75	2.50	\$937.50
118 a	Pavement Marking - 4" Center Lines	69,300	Ln Ft	0.20	\$13,860.00	0.15	\$10,395.00
118 b	Pavement Markings - Cross Walks	8	Ea.	195.00	\$1,560.00	300.00	\$2,400.00
118 c	Pavement Markings - 24" Stop Bars	900	Ln Ft	5.25	\$4,725.00	3.00	\$2,700.00
114 d	Pavement Markings - Parking Delineation	3,800	Ln Ft	1.00	\$3,800.00	1.00	\$3,800.00
114 e	Pavement Markings - HP Symbol	1	Ea.	55.00	\$55.00	50.00	\$50.00
114 f	Pavement Markings - Directional Arrows	5	Ea.	95.00	\$475.00	35.00	\$175.00
TOTAL BID AMOUNT:					\$1,928,858.75		\$1,959,032.50