



## STAFF REPORT

DATE: July 18, 2017

**CONSENT**

ITEM #: 11

**AGENDA ITEM:** 2017 Mill and Overlay Project – Accept Bids and Award Contract

**SUBMITTED BY:** Jack Griffin, City Engineer

**REVIEWED BY:** Kristina Handt, City Administrator  
Rob Weldon, Public Works Director  
Amanda Groh, Project Engineer

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**ISSUE BEFORE COUNCIL:** Should the City Council accept bids and award a contract for the 2017 Mill and Overlay Project?

**BACKGROUND:** Each year the City implements preventive maintenance work on the public streets consisting of minor reconstruction and subgrade correction, resurfacing, mill and overlays, crack sealing, seal coating, and patching. The annual Preventive Street Maintenance Program employs a cost effective approach for street repairs to extend the life expectancy of the pavements. Streets selected for the Preventive Street Maintenance Program are determined by using a pavement management system where each street pavement in the City is assigned a condition rating based on visual inspection of the pavement distresses and observed deterioration. The number of streets selected each year is dependent upon the amount of funding available for the program. Streets that have exceeded their life expectancy and can no longer be effectively maintained are programed for reconstruction in the City's Capital Improvement Program.

For 2017, the following streets were identified for mill and overlay improvements:

- 31<sup>st</sup> Street from CSAH 6 (Stillwater Boulevard) to CSAH 14 (Stillwater Blvd.), including 400 feet of full depth patching.
- 43<sup>rd</sup> Street from Kirkwood Avenue to CSAH 17 (Lake Elmo Avenue).

A “mill & overlay” is a street maintenance technique that requires the removal of the top pavement layer of the street by the grinding action of a large milling machine. After the top layer is removed, a new layer of bituminous pavement is placed. Prior to the mill and overlay, localized areas with significant distress and potential subgrade failure are corrected by completing a full depth patch (removal and replacement of the entire aggregate base and pavement layers). The mill and overlay will remove the surface distresses, improve ride quality, and will preserve the lower portion of the pavement. Cracks that extend the full depth of the pavement are likely to reflect into the new pavement within two years of construction.

**PROPOSAL DETAILS/ANALYSIS:** Bids were received, publicly opened, and read aloud on Thursday, July 6, 2017. A Tabulation of Bids and a letter of recommendation for the award of the Contract has been prepared and attached. The City received 4 bids for this project, with Hardrives, Inc. providing the lowest bid in the amount of \$156,695.40.

The City Engineer is recommending that the City Council award the Contract to the lowest responsible bidder, Hardrives, Inc. as outlined in the attached letter. The Project was advertised on QuestCDN.com

and in the Oakdale-Lake Elmo Review in accordance with the Minnesota Competitive Bidding requirements.

**FISCAL IMPACT:** Approval of this resolution commits the City Council to enter into a construction contract for the project with a construction contract amount of \$156,695.40. The total estimated project cost is \$167,000.00 to be paid from the Street Maintenance fund.

**RECOMMENDATION:** Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Resolution No. 2017-, thereby accepting bids and awarding a contract to Hardrives, Inc., in the amount of \$156,695.40 for the 2017 Mill and Overlay Project. If removed from the consent agenda, the recommended motion for the action is as follows:

***“Move to approve Resolution No. 2017–78, accepting bids and awarding a contract to Hardrives, Inc., in the amount of \$156,695.40 for the 2017 Mill and Overlay Project.”***

**ATTACHMENTS:**

1. Resolution No. 2017-78 Accepting Bids and Awarding a Contract.
2. Engineer’s Letter of Award Recommendation and Tabulation of Bids.
3. Project Schedule.

**CITY OF LAKE ELMO  
WASHINGTON COUNTY  
STATE OF MINNESOTA**

**RESOLUTION NO. 2017-78**

**A RESOLUTION ACCEPTING BIDS AND AWARDING A CONTRACT  
FOR THE 2017 MILL AND OVERLAY PROJECT**

**WHEREAS**, pursuant to an advertisement for bids for the 2017 Mill and Overlay Project, bids were received, opened, and tabulated according to law, and bids were received complying with the advertisement; and

**WHEREAS**, bids were tabulated, checked and summarized to verify that all requirements of the submittal were met; and

**WHEREAS**, the project engineer reviewed the bids and has provided a letter recommending the award of the contract to the lowest responsible bidder, Hardrives, Inc., for the amount of \$156,695.40.

**NOW, THEREFORE, IT IS HEREBY RESOLVED,**

1. That the Mayor and City Clerk and hereby authorized and directed to enter into a Contract in the accordance with the above ordered Project, in the amount of the Contractor's lowest responsible Base Bid, and according to the plans and specifications thereof approved by the City Council.
2. The City Clerk is hereby authorized and directed to return forthwith to all bidders the deposits made with their bids, except that the deposits of the successful bidder and the next two lowest bidders shall be retained until a contract has been signed.

**ADOPTED BY THE LAKE ELMO CITY COUNCIL ON THE EIGHTEENTH DAY OF  
JULY 2017.**

**CITY OF LAKE ELMO**

By: \_\_\_\_\_  
Mike Pearson  
Mayor

(Seal)

ATTEST:

\_\_\_\_\_  
Julie Johnson  
City Clerk

# FOCUS ENGINEERING, inc.

Cara Geheren, P.E. 651.300.4261  
Jack Griffin, P.E. 651.300.4264  
Ryan Stempski, P.E. 651.300.4267  
Chad Isakson, P.E. 651.300.4283

July 10, 2017

Honorable Mayor and City Council  
City of Lake Elmo, Minnesota

2017 Mill and Overlay Project  
City of Lake Elmo, Minnesota  
FOCUS Project No. 2017.151

Dear Mayor and City Council:

Bids for the 2017 Mill and Overlay Project, were received on July 6, 2017, at 3:00 PM with the following results:

Contractor	Base Bid
Hardrives, Inc.	\$156,695.40
Valley Paving	\$175,435.00
Park Construction Company	\$183,107.00
Bituminous Roadways	\$232,196.60
Engineer's Estimate	\$187,074.50

A complete Tabulation of Bids is enclosed for your information.

We recommend that you award the Contract to the lowest responsible bidder, Hardrives for their total bid of \$156,695.40.

Please contact me with any questions you may have.

Sincerely,



Amanda E. Groh, P.E.  
Project Engineer

Enclosure

cc: Jack Griffin, City Engineer

## TABULATION OF BIDS

2017 MILL AND OVERLAY PROJECT  
LAKE ELMO, MN  
PROJECT NO. 2017.151



BIDS OPENED: JULY 6, 2017 3:00PM

ITEM

NO.	ITEM	UNIT	QUANTITY	Engineer's Estimate		Hardrives, Inc		Valley Paving, Inc.		Park Construction Company		Bituminous Roadways	
				Unit Price	Total Amount	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	MOBILIZATION	LS	1.00	\$ 8,900.00	\$ 8,900.00	\$ 8,500.00	\$ 8,500.00	\$8,640.00	\$ 8,640.00	\$12,800.00	\$ 12,800.00	\$ 20,194.00	\$ 20,194.00
2	TRAFFIC CONTROL	LS	1.00	\$ 4,600.00	\$ 4,600.00	\$ 1,500.00	\$ 1,500.00	\$1,575.00	\$ 1,575.00	\$1,560.00	\$ 1,560.00	\$ 6,906.00	\$ 6,906.00
3	SILT FENCE	LF	800.00	\$ 2.25	\$ 1,800.00	\$ 0.01	\$ 8.00	\$2.17	\$ 1,736.00	\$1.90	\$ 1,520.00	\$ 4.30	\$ 3,440.00
4	SAWCUT PAVEMENT (ALL TYPES)	LF	104.00	\$ 2.50	\$ 260.00	\$ 2.55	\$ 265.20	\$8.00	\$ 832.00	\$4.85	\$ 504.40	\$ 4.90	\$ 509.60
5	MILL 2" OF EXIST. BITUMINOUS PAVEMENT	SY	5,640.00	\$ 2.00	\$ 11,280.00	\$ 2.00	\$ 11,280.00	\$1.14	\$ 6,429.60	\$1.85	\$ 10,434.00	\$ 2.30	\$ 12,972.00
6	MILL 2.5" OF EXIST. BITUMINOUS PAVEMENT	SY	6,970.00	\$ 2.25	\$ 15,682.50	\$ 2.50	\$ 17,425.00	\$1.34	\$ 9,339.80	\$2.20	\$ 15,334.00	\$ 3.10	\$ 21,607.00
7	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT REMOVE AND REPLACE CLASS 6, AGGREGATE BASE, 100%	SY	1,160.00	\$ 2.25	\$ 2,610.00	\$ 5.95	\$ 6,902.00	\$2.75	\$ 3,190.00	\$3.25	\$ 3,770.00	\$ 3.50	\$ 4,060.00
8	CRUSHED LIMESTONE	TN	420.00	\$ 18.00	\$ 7,560.00	\$ 5.00	\$ 2,100.00	\$33.55	\$ 14,091.00	\$30.15	\$ 12,663.00	\$ 36.50	\$ 15,330.00
9	TYPE SP 12.5 BITUMINOUS NON-WEARING COURSE (SPNWB230B)	TN	140.00	\$ 57.00	\$ 7,980.00	\$ 60.00	\$ 8,400.00	\$60.78	\$ 8,509.20	\$65.50	\$ 9,170.00	\$ 58.00	\$ 8,120.00
10	TYPE SP 9.5 BITUMINOUS WEARING COURSE (SPWEA330B)	TN	1,840.00	\$ 60.00	\$ 110,400.00	\$ 51.75	\$ 95,220.00	\$56.57	\$ 104,088.80	\$55.65	\$ 102,396.00	\$ 59.00	\$ 108,560.00
11	BITUMINOUS MATERIAL FOR TACK COAT	GAL	960.00	\$ 3.00	\$ 2,880.00	\$ 1.40	\$ 1,344.00	\$1.36	\$ 1,305.60	\$1.70	\$ 1,632.00	\$ 3.70	\$ 3,552.00
12	IMPORT AND PLACE TOPSOIL (LV)	CY	160.00	\$ 20.00	\$ 3,200.00	\$ 5.00	\$ 800.00	\$54.24	\$ 8,678.40	\$30.15	\$ 4,824.00	\$ 52.00	\$ 8,320.00
13	SEEDING, FERTILIZER AND WOOD FIBER BLANKET	SY	1,880.00	\$ 2.15	\$ 4,042.00	\$ 0.35	\$ 658.00	\$1.68	\$ 3,158.40	\$2.30	\$ 4,324.00	\$ 8.50	\$ 15,980.00
14	STRIPING - 4" YELLOW EPOXY	LF	1,960.00	\$ 1.00	\$ 1,960.00	\$ 0.39	\$ 764.40	\$0.61	\$ 1,195.60	\$0.37	\$ 725.20	\$ 0.45	\$ 882.00
15	STRIPING - 4" WHITE EPOXY	LF	3,920.00	\$ 1.00	\$ 3,920.00	\$ 0.39	\$ 1,528.80	\$0.68	\$ 2,665.60	\$0.37	\$ 1,450.40	\$ 0.45	\$ 1,764.00
TOTAL BASE BID				\$	187,074.50	\$	156,695.40	\$	175,435.00	\$	183,107.00	\$	232,196.60

## PROJECT SCHEDULE CITY OF LAKE ELMO

2017 MILL AND OVERLAY PROJECT  
PROJECT NO. 2017.151

# FOCUS ENGINEERING, inc.

Cara Geheren, P.E. 651.300.4261  
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JUNE 15, 2017	Placement of Advertisement for Bids. –Oakdale-Lake Elmo Review. Publication on June 15 – Quest CDN. Publication on June 15
JULY 6, 2017	Receive Contractor bids.
JULY 18, 2017	Council accepts bids and awards Contract.
AUGUAT 3, 2017	Conduct Pre-construction meeting and Issue Notice to Proceed.
AUGUST 7, 2017	Contractor begins Work.
OCTOBER 6, 2017	Substantial Completion of Work; including paving and restoration.
OCTOBER 31, 2017	Final Completion of Work; including punchlist and final documentation.