



1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
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Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Brian Stineman, Director Public Works
CC: Gregg Mansager, City Administrator, Nancy Lueck, Finance
FROM: Jim Edgmond, City Engineer
DATE: March 27, 2018
RE: Recommendation to award Phase 4 of the West Hill Sewer Separation Project (WHSSP)

INTRODUCTION:

The City of Muscatine received bids for the WHSSP on 3/21/2018. These bids have been evaluated by the designer, Stanley Consultants, City Staff and MPW staff. A summary of the five bids is attached as additional information. A detailed bid tab is available on request for the five bids.

BACKGROUND:

The engineer's estimate for this project is \$8,100,755.44. KE Flatwork, the contractor for the Mississippi Drive Corridor is the low bidder at \$6,109,522.45. Of this total, it is estimated that \$854,739.25 will be reimbursed to the City from MPW. A purchase order will be issued for this estimated amount to be paid by MPW prior to execution of the contract.

This contract will cover the next three summers of construction. This year will be on 7th Street and next year will be primarily on 8th Street and 2020 will be on 8th Street and other streets adjacent to 8th Street.

The City and MPW would like to proceed as quickly as possible towards contracts and a notice to proceed to accommodate the calendar completion dates listed in the project contract.

RECOMMENDATION/RATIONALE:

The city engineer recommends awarding the WHSSP Phase 4 to KE Flatwork Inc. for \$6,109,522.45. The approval of contract and bond is scheduled for the second meeting in April, 2018.

ADDITIONAL INFORMATION:

1. Summary of the Phase 4 bids
2. Stanley Consultants Letter of Recommendation
3. MPW Concurrence with the bid and agreement to participate in share of financing.

"I remember Muscatine for its sunsets. I have never seen any on either side of the ocean that equaled them" — Mark Twain

RESOLUTION NO. _____

AWARD CONTRACT FOR

**WEST HILL SANITARY AND STORM SEWER
SEPARATION PROJECT – PHASE 4**

It is resolved that the following bid is determined to be the lowest responsible bid for the West Hill Sanitary and Storm Sewer Separation Project – Phase 4.

<u>NAME & ADDRESS CONTRACTOR</u>	<u>AMOUNT OF BID</u>
KE Flatwork Eldridge, IA	\$6,109,522.45

It is further resolved that the West Hill Sanitary and Storm Sewer Separation Project – Phase 3 is awarded to the above named contractor for \$6,109,522.45, and the Mayor and City Clerk are authorized and directed to enter into a written contract with said contractor covering the furnishing of material for, and construction of the West Hill Sanitary and Storm Sewer Separation Project – Phase 4, such contract not to be binding until approved by resolution of this Council.

It is further resolved that the amount of the contractor's bond is fixed at \$6,109,522.45, which is one hundred percent of the contract price.

PASSED, APPROVED, AND ADOPTED THIS 5th DAY OF APRIL, 2018.

Diana Broderson, Mayor

ATTEST:

Gregg Mandsager, City Administrator

WEST HILL AREA - SANITARY AND STORM SEWER SEPARATION - PHASE 4 - BID SUMMARY
Bids Received - 3/21/18

BID SUMMARY - CALCULATED

	Estimate	Langman	Hagerty	Legacy	KE Flatwork	Triple B
Phase 4A	\$ 2,115,095.19	\$ 2,119,605.80	\$ 1,667,960.50	\$ 1,870,676.30	\$ 1,596,836.10	\$ 1,753,882.10
Phase 4B	\$ 3,265,941.73	\$ 2,399,316.30	\$ 2,717,982.50	\$ 2,918,625.20	\$ 2,407,510.60	\$ 2,729,108.00
Phase 4C	\$ 2,960,917.53	\$ 1,973,575.35	\$ 2,239,479.95	\$ 2,597,028.50	\$ 2,105,175.75	\$ 2,414,085.25
Total	\$ 8,341,954.44	\$ 6,492,497.45	\$ 6,625,422.95	\$ 7,386,330.00	\$ 6,109,522.45	\$ 6,897,075.35

BID SUMMARY - AS SUBMITTED

	Estimate	Langman	Hagerty	Legacy	KE Flatwork	Triple B
Phase 4A	\$ 2,119,605.80	\$ 1,667,960.50	\$ 1,870,676.30	\$ 1,596,836.10	\$ 1,753,882.10	
Phase 4B	\$ 2,399,316.30	\$ 2,717,922.50	\$ 2,918,625.20	\$ 2,407,510.60	\$ 2,728,007.90	
Phase 4C	\$ 1,973,575.35	\$ 2,239,480.00	\$ 2,597,028.50	\$ 2,105,175.75	\$ 2,413,735.20	
Total	\$ 6,492,497.45	\$ 6,625,363.00	\$ 7,386,330.00	\$ 6,109,522.45	\$ 6,895,625.20	✓

BID ORDER BY PHASE

	Langman	Hagerty	Legacy	KE Flatwork	Triple B
Phase 4A	5	2	4	1	3
Phase 4B	1	3	5	2	4
Phase 4C	1	3	5	2	4
Overall Bid Order	2	3	5	1	4

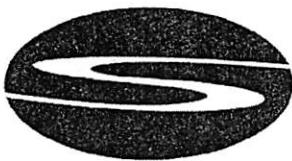
CITY RESPONSIBILITY

	Estimate	Langman	Hagerty	Legacy	KE Flatwork	Triple B
Phase 4A	\$ 2,115,095.19	\$ 2,119,605.80	\$ 1,667,960.50	\$ 1,870,676.30	\$ 1,596,836.10	\$ 1,753,882.10
Phase 4B	\$ 2,624,890.73	\$ 2,061,390.30	\$ 2,215,547.50	\$ 2,443,344.20	\$ 1,992,505.60	\$ 2,241,596.00
Phase 4C	\$ 2,204,304.53	\$ 1,611,107.35	\$ 1,701,787.45	\$ 2,063,625.50	\$ 1,665,441.50	\$ 1,894,142.25
Total	\$ 6,944,290.44	\$ 5,792,103.45	\$ 5,585,295.45	\$ 6,377,646.00	\$ 5,254,783.20	\$ 5,889,620.35

MPW RESPONSIBILITY

	Estimate	Langman	Hagerty	Legacy	KE Flatwork	Triple B
Phase 4A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase 4B	\$ 641,051.00	\$ 337,926.00	\$ 502,435.00	\$ 475,281.00	\$ 415,005.00	\$ 487,512.00
Phase 4C	\$ 756,613.00	\$ 362,468.00	\$ 537,692.50	\$ 533,403.00	\$ 439,734.25	\$ 519,943.00
Total	\$ 1,397,664.00	\$ 700,394.00	\$ 1,040,127.50	\$ 1,008,684.00	\$ 854,739.25	\$ 1,007,455.00
TOTAL	\$ 8,341,954.44	\$ 6,492,497.45	\$ 6,625,422.95	\$ 7,386,330.00	\$ 6,109,522.45	\$ 6,897,075.35

Discrepancy between Submitted bid and calculated bid.

**STANLEYCONSULTANTS, Inc**

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Stanley Building > 225 Iowa Avenue > Muscatine, IA 52761
563.264.6600 > stanleyconsultants.com

March 29, 2018

Mr. Brian Stineman.
Public Works Director
1459 Washington Street
Muscatine, IA 52761

Dear Brian:

Subject: Letter of Recommendation
West Hill Area Sanitary and Storm Sewer Separation – Phase 4
Muscatine, Iowa

This letter provides you with our report on the results of the bid opening, which was held in the Muscatine Council Chambers, at 2:00 p.m., on March 21, 2018, and offers our recommendation for award of contract.

Enclosed is a copy of Bid Tabulation Sheet No. 17660.43.00. Five (5) bids were received. The total Phase 4 bid ranged from a low total extended price of \$6,109,522.45 to a high of \$7,386,330.00. The low bid was submitted by KE Flatwork Inc. Eldridge, Iowa.

All bids were responsive to the bid documents. An arithmetic check of all unit and extended prices were made and several errors were found. The arithmetic errors did not change the low bid order of the bidders. Also enclosed please find a summary of the bids detailing the breakdown on a sub-phase basis including the cost responsibility split between the City and Muscatine Power and Water (MP&W).

All bidders submitted the proper bid security, acknowledged receipt and understanding of Addenda No. 1 and are considered qualified Sanitary and Storm Sewer Contractors. The combined Engineer's total estimated cost for the project as bid was \$8,100,754.44. MP&W estimated responsibility was \$1,156,464.00. City of Muscatine's estimated responsibility was \$6,944,290.44.

We recommend award of this contract to KE Flatwork, Inc., Eldridge, Iowa in the total amount of \$6,109,522.45. MP&W has reviewed the bid summaries and agrees with the City to award to KE Flatwork. See attached letter from MP&W noting this and their participation in the project. Based on KE Flatwork's bid, the City will be responsible for \$5,254,783.20 and MP&W will be responsible for \$854,739.25.

We will retain all bids until after City Council approval at which time all bids will be given to the City and bid bonds will be returned to the bidders.



Mr. Brian Stineman
March 29, 2018

If you have any questions, please feel free to call.

Sincerely,

Stanley Consultants, Inc.

A handwritten signature in black ink that reads "Karmen K. Heim".

Karmen K. Heim, P.E.
Project Engineer

Enclosures: Bid Tabulation Sheet – 17660.43.00
Bid Summary – dated 03-27-2018
MP&W letter received 03-29-2018 signed by Brad Spratt
Phase 4A Bid Evaluation Summary – dated 03-27-2018
Phase 4B Bid Evaluation Summary – dated 03-27-2018
Phase 4C Bid Evaluation Summary – dated 03-27-2018

cc: Jim Edgmond; Gregg Mandsager; Nancy Lueck, City of Muscatine
Project Files/17660.40.00

BID TABULATION SHEET
West Hill Area Sanitary and Storm Sewer Separation - Phase 4, Muscatine, Iowa

BID NUMBER	1	2	3	4	5
NAME OF BIDDER	Langman	Hagerty	Legacy	KE Flatwork	Triple B Construction
BID SECURITY (5%) (Separate Envelope)	X	X	X	X	X
ADDENDA (1)	X	X	X	X	X
Exceptions and Clarifications (Separate Envelope)	NA	NA	NA	NA	NA
Iowa Bidder Status Form	X	X	X	X	X
Contractor License No. (On Bid Form)	X	X	X	X	X
BID TOTAL = 4A + 4B+ 4C (Separate Envelope)	\$6,492,497.45	\$6,625,363.00	\$7,386,330.00	\$6,109,522.45	\$6,895,625.20
Bid Totals Calculated 4A + 4B + 4C	\$6,492,497.45	\$6,625,422.95	\$7,386,330.00	\$6,109,522.45	\$6,897,075.35
Remarks:	TABULATED	KK Heim	DATE	03-22-2018	NO. 17660.43.00
	CHECKED	Heim/Hoag	DATE	03-22-2018	
I hereby certify that this is a true and correct tabulation of the bids received at <u>Muscatine City Hall</u> On <u>03-21-2018</u> by _____					

Karen K. Heim



Muscatine Power & Water
3205 Cedar St. • Muscatine, Iowa 52761-2204
563-263-2631

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March 29, 2018

City of Muscatine
Jim Edgmond, City Engineer

Cc Karmen Heim, Stanley Consultants

Muscatine Power & Water (MP&W) has reviewed the following documents, provided by Karmen Heim, and agree to award to KE Flatwork of Eldridge, Iowa.

- PH4A Bid Evaluation
- PH4B Bid Evaluation 20180327
- PH4C Bid Evaluation 20180327
- 20180327 E MPW Cost Breakdown
- PH4Bid Summary 20180327

There is no work planned for the contractor by MP&W for 2018 Phase 4A. MP&W is participating in Phases 4B and 4C, has work planned for the contractor in both phases. MP&W will be financially responsible for its pay items and any MP&W approved change orders.

2018 Phase 4A	\$ 0.00
2019 Phase 4B	\$ 415,005.00
<u>2020 Phase 4C</u>	<u>\$ 439734.25</u>
Total	\$ 854,739.25

Pay applications for MP&W pay items from the contractor to the City of Muscatine must be verified and approved by MP&W's inspector prior to authorizing payment.

Invoices will be paid within 30 days of receipt subject to any disputed items.

Yours truly,

Brad Spratt,
Manager, Supply Chain Services