F4ab

City of Hiawatha
Engineering Department

101 Emmons St., Hiawatha Iowa, 52233-1697
PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516

To: Mayor and City Council

Date: October 12, 2018

From: John C. Bender PE, City Engineer

Re: 2018 Hiawatha Sewer Extension & Forcemain Replacement

Description: Approval of Bids

Report:

The bid opening for the 2018 Hiawatha Sewer Extension and Forcemain project was held Thursday October 11th, 2018. We received 5 bids for this project as follows:

• Maxwell Construction	$341,942.01
• Pirc Tobin Inc.	$417,534.00
• GM Contracting	$470,140.31
• Schrader Construction	$480,917.00
• Boomerang Corp.	$493,500.00

The low bid was submitted by Maxwell Construction from Iowa City for **$ 341,942.01**. See attached memo from MSA Engineers with bid tabulation. The engineers estimate was $340,000.00 as this bid was approximately 1% above the estimate.

Engineering recommends approval of a contract with Maxwell Construction.

If you have any questions please let me know.

MSA

October 11, 2018

Bill Bennett, Mayor
City of Hiawatha
101 Emmons Street
Hiawatha, IA 52233

Re: 2018 Hiawatha Sewer Extension & Forcemain Replacement
City of Hiawatha

Dear Mayor Bill Bennett:

We accepted bids for construction of the Sewer Extension and Forcemain Replacement project on Thursday, 10AM on October 11, 2018 at City Hall.

The Work generally consists of a replacement of forcemain along Mitchell Drive from North Center Point Road to Lift Station located at end of Mitchell Drive and extension of sanitary sewer along Edgewood Road from Hunt Road. The project includes approximately 1,500 lineal feet of 8-inch directionally drilled sanitary force main and 2,000 lineal feet of directionally drilled sanitary sewer and six manholes, with necessary appurtenances.

Attached is a tabulation of the bids. It is our recommendation that the low responsive bidder listed below be accepted and award made at your next meeting.

Maxwell Construction
3011 Sierra Court SW
Iowa City, IA 52240 Bid Amount $ 341,942.01

If you have any questions do not hesitate to call me at (319)364-4773 or via email at jelsinger@msa-ps.com.

Sincerely,

MSA Professional Services, Inc.

Joseph Elsinger

Joseph Elsinger
Team Leader

JW/dab
Enc.
Hiawatha Sewer Extension and Forcemain Replacement Bid Tabulation

6045 Rockwell Drive NE
Suite A
Cedar Rapids, IA 52402

P (319) 364-4773
TF (866) 930-6691
F (319) 364-2578

www.msa-ps.com

BID TABULATION

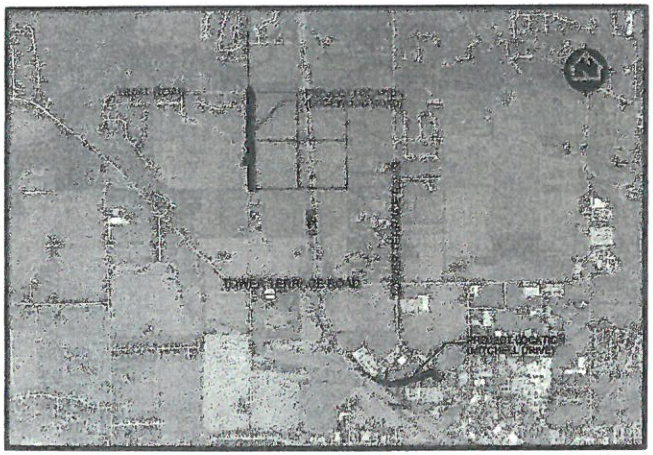
PROJECT: 2018 Hiawatha Sewer Extension & Forcemain Replacement
OWNER: City of Hiawatha

PROJECT NUMBER: 07808011
BID DATE: 10/11/2018

				Maxwell Construction, Inc.		Pirc Tobin Construction, Inc.		GM Contracting, Inc.		Grading		Boomerrang Corp.	
ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	Edgewood Road Sanitary Sewer Extension												
1	Mobilization	1	LS	$ 9,600.00	$ 9,600.00	$ 30,000.00	$ 30,000.00	47000	$ 47,000.00	4439	$ 4,439.00	50000	$ 50,000.00
2	Construction Survey	1	LS	$ 2,800.00	$ 2,800.00	$ 2,500.00	$ 2,500.00	3700	$ 3,700.00	2875	$ 2,875.00	1000	$ 1,000.00
3	Trench Compaction Testing	1	LS	$ 2,500.00	$ 2,500.00	$ 1,000.00	$ 1,000.00	982	$ 982.00	1400	$ 1,400.00	400	$ 400.00
4	Traffic Control	1	LS	$ 2,300.00	$ 2,300.00	$ 2,500.00	$ 2,500.00	32800	$ 32,800.00	2368	$ 2,368.00	2000	$ 2,000.00
5	Temporary Erosion and Sediment Controls	1	LS	$ 3,000.00	$ 3,000.00	$ 4,000.00	$ 4,000.00	3000	$ 3,000.00	600	$ 600.00	2000	$ 2,000.00
6	Dewatering	1	LS	$ 0.01	$ 0.01	$ 2,000.00	$ 2,000.00	0.01	$ 0.01	3550	$ 3,550.00	100	$ 100.00
7	Strip and Respread Topsoil	1	LS	$ 1,500.00	$ 1,500.00	$ 3,000.00	$ 3,000.00	1500	$ 1,500.00	5600	$ 5,600.00	7000	$ 7,000.00
8	Sanitary Sewer Lateral: 6" DIA PVC C900 CertaLok (or equal). Directionally Drilled	87	LF	$ 65.00	$ 5,655.00	$ 75.00	$ 6,525.00	70.32	$ 6,117.84	118	$ 10,266.00	40	$ 3,480.00
9	Sanitary Sewer Gravity Main: 8" DIA PVC C900 CertaLok (or equal). Directionally Drilled	1,961	LF	$ 79.00	$ 154,919.00	$ 70.00	$ 137,270.00	75.56	$ 148,173.16	112	$ 219,632.00	115	$ 225,515.00
10	Sanitary Sewer Internal Drop (8" DIA PVC)	1	EA	$ 1,500.00	$ 1,500.00	$ 2,000.00	$ 2,000.00	825.75	$ 825.75	800	$ 800.00	1200	$ 1,200.00
11	Sanitary Sewer Manholes (4' Inside DIA)	6	EA	$ 8,800.00	$ 52,800.00	$ 9,250.00	$ 55,500.00	13825	$ 82,950.00	12500	$ 75,000.00	5000	$ 30,000.00
12	Core Drill Connection to Existing Sanitary Sewer Manhole	2	EA	1200	$ 2,400.00	350	$ 700.00	950	$ 1,900.00	500	$ 1,000.00	500	$ 1,000.00
13	Water Service From Main to House	55	EA	$ 45.00	$ 2,475.00	$ 40.00	$ 2,200.00	$ 75.00	$ 4,125.00	$ 88.00	$ 4,840.00	$ 35.00	$ 1,925.00
14	Imported Topsoil (contingency)	30	CY	18	$ 540.00	45	$ 1,350.00	20	$ 600.00	4.75	$ 142.50	55	$ 1,650.00
15	Hydroseeding with Liquid Mulch Binder	1	LS	3500	$ 3,500.00	7500	$ 7,500.00	3000	$ 3,000.00	2500	$ 2,500.00	4000	$ 4,000.00
	Mitchell Drive Forcemain Replacement												
16	Mobilization	1	LS	$ 4,000.00	$ 4,000.00	$ 22,500.00	$ 22,500.00	$ 21,000.00	$ 21,000.00	$ 4,000.00	$ 4,000.00	$ 40,000.00	$ 40,000.00
17	Construction Survey	1	LS	$ 800.00	$ 800.00	$ 1,250.00	$ 1,250.00	$ 2,000.00	$ 2,000.00	$ 2,200.00	$ 2,200.00	$ 1,000.00	$ 1,000.00
18	Trench Compaction Testing	1	LS	$ 800.00	$ 800.00	$ 1,000.00	$ 1,000.00	$ 982.00	$ 982.00	$ 1,400.00	$ 1,400.00	$ 400.00	$ 400.00
19	Traffic Control	1	LS	$ 750.00	$ 750.00	$ 3,000.00	$ 3,000.00	$ 1,504.31	$ 1,504.31	$ 2,368.00	$ 2,368.00	$ 1,500.00	$ 1,500.00
20	Temporary Erosion and Sediment Controls	1	LS	$ 500.00	$ 500.00	$ 2,000.00	$ 2,000.00	$ 1,348.38	$ 1,348.38	$ 600.00	$ 600.00	$ 2,000.00	$ 2,000.00
21	Strip and Respread Topsoil	1	LS	$ 300.00	$ 300.00	$ 2,500.00	$ 2,500.00	$ 500.00	$ 500.00	$ 1,800.00	$ 1,800.00	$ 7,000.00	$ 7,000.00
22	Granular Backfill	50	TON	$ 20.00	$ 1,000.00	$ 25.00	$ 1,250.00	$ 12.00	$ 600.00	$ 15.75	$ 787.50	$ 25.00	$ 1,250.00
23	Sanitary Sewer Force Main: 8" DIA PVC C900 CertaLok (or equal). Directionally Drilled	1,523	LF	$ 51.00	$ 77,673.00	$ 68.00	$ 103,564.00	$ 55.55	$ 84,602.65	$ 78.00	$ 118,794.00	$ 60.00	$ 91,380.00
24	Sanitary Sewer Force Main (8" Plug Valve)	1	EA	$ 2,200.00	$ 2,200.00	$ 2,650.00	$ 2,650.00	$ 3,338.71	$ 3,338.71	$ 2,000.00	$ 2,000.00	$ 4,000.00	$ 4,000.00
25	Connect to Existing 6" Forcemain	2	EA	$ 1,500.00	$ 3,000.00	$ 3,250.00	$ 6,500.00	$ 4,480.00	$ 8,960.00	$ 1,415.00	$ 2,830.00	$ 800.00	$ 1,600.00
26	Hydrostatic Testing	1	LS	$ 300.00	$ 300.00	$ 1,800.00	$ 1,800.00	$ 1,250.00	$ 1,250.00	$ 775.00	$ 775.00	$ 1,000.00	$ 1,000.00
27	Aggregate Surfacing (8" min thickness)	350	SY	$ 8.00	$ 2,800.00	$ 14.50	$ 5,075.00	$ 9.23	$ 3,230.50	$ 11.30	$ 3,955.00	$ 10.00	$ 3,500.00
28	Imported Topsoil (contingency)	20	CY	$ 18.00	$ 360.00	$ 45.00	$ 900.00	$ 20.00	$ 400.00	$ 4.75	$ 95.00	$ 55.00	$ 1,100.00
29	Hydroseeding with Liquid Mulch Binder	1	LS	$ 750.00	$ 750.00	$ 4,000.00	$ 4,000.00	$ 1,500.00	$ 1,500.00	$ 1,400.00	$ 1,400.00	$ 4,000.00	$ 4,000.00
30	Remove and Reinstall Fence (around Mitchell Drive lift station)	1	LS	$ 1,220.00	$ 1,220.00	$ 1,500.00	$ 1,500.00	$ 2,250.00	$ 2,250.00	$ 2,900.00	$ 2,900.00	$ 2,500.00	$ 2,500.00
	TOTAL: Items #1-#				**$ 341,942.01**		**$ 417,534.00**		**$ 470,140.31**		**$ 480,917.00**		**$ 493,500.00**

2018 HIAWATHA SEWER EXTENSION & FORCEMAIN REPLACEMENT

CITY OF HIAWATHA
HIAWATHA, IOWA



LOCATION MAP
NOT TO SCALE

LEGEND

- EXISTING WATER MAIN
- EXISTING GATE VALVE & HYDRANT
- WATER SERVICE & CURB STOP
- PROPOSED WATERMAIN, VALVE, & HYDRANT
- PROPOSED WATER SERVICE & CURB STOP
- EXISTING SANITARY SEWER & MANHOLE
- EXISTING FORCEMAIN
- EXISTING STORM SEWER & INLET
- PROPOSED STORM SEWER & INLET
- PROPOSED STORM SEWER & MANHOLE
- PROPOSED SANITARY SEWER & MANHOLE
- BURIED ELECTRIC
- BURIED GAS & VALVE
- BURIED CABLE TELEVISION
- BURIED TELEPHONE
- BURIED FIBER OPTICS
- OVERHEAD UTILITY
- RAILROAD TRACKS
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK
- EXISTING CULVERT PIPE
- PROPOSED CULVERT PIPE
- FENCE LINE
- DRAINAGE ARROW
- SILT FENCE
- RIGHT-OF-WAY
- BASELINE
- PROPERTY LINE
- TREE LINE
- BENCHMARK
- IRON PIPE
- IRON ROD
- CONTROL POINT
- UTILITY POLE & GUY
- SOIL BORING
- LIGHT POLE
- PEDESTAL
- STREET SIGN
- MAILBOX
- FLAGPOLE
- TREE - DECIDUOUS
- TREE - CONIFEROUS
- TREE TO BE REMOVED

SHEET INDEX

SHEET NUMBER	SHEET TITLE
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A.2	SITE LOCATION
B.1	STANDARD DETAILS
B.2	GENERAL NOTES
C.1	ESTIMATED QUANTITIES
J.1	TRAFFIC CONTROL GENERAL NOTES
M.1	FORCEMAIN PLAN AND PROFILE - MITCHELL DR.
M.2	FORCEMAIN PLAN AND PROFILE - MITCHELL DR.
M.3	FORCEMAIN PLAN AND PROFILE - MITCHELL DR.
M.4	SANITARY PLAN AND PROFILE - EDGEWOOD RD.
M.5	SANITARY PLAN AND PROFILE - EDGEWOOD RD.
M.6	SANITARY PLAN AND PROFILE - EDGEWOOD RD.
M.7	SANITARY PLAN AND PROFILE - EDGEWOOD RD.

UTILITIES

GAS:
MID-AMERICAN ENERGY
GREG WILDEBOUR
602 D AVE NW
CEDAR RAPIDS, IA 52405
PHONE: 319-298-5162
FAX: 319-298-5164

ELECTRIC:
ALLIANT ENERGY
MARG MEISTERLING
1001 SHAVER RD NE
CEDAR RAPIDS, IA 52402
PHONE: 319-786-1908
FAX: 319-786-1959

LINN COUNTY REC
5695 REC DRIVE
P.O. BOX 69
MARION, IA 52302
PHONE: 319-377-1587

TELEPHONE:
IMON COMMUNICATIONS
625 FIRST STREET SE, SUITE 100
CEDAR RAPIDS, IA 52401
PHONE: 319-298-6484

SEWER:
CITY OF HIAWATHA
ROD JASA
PHONE: 319-393-1515
PHYSICAL: 1410 ROBINS RD.
MAILING: P.O. BOX 485 101 EMMONS ST.

WATER:
CITY OF HIAWATHA
MARTY RECKER
PHONE: 319-393-5556
PHYSICAL: 101 EMMONS ST.
MAILING: P.O. BOX 485

CATV:
CENTURYLINK
4444 1ST AVENUE NE
CEDAR RAPIDS, IA 52402
PHONE: 319-378-3140

WINDSTREAM
929 MARTHA'S WAY
HIAWATHA, IA 52233
PHONE: 800-289-1901

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
811

NOTE:
UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR SHALL HAVE APPROPRIATE UTILITY MARK EXACT LOCATIONS PRIOR TO CONSTRUCTION.

LICENSED PROFESSIONAL ENGINEER
JOSEPH R. ELSINGER
21996
IOWA

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNATURE: DATE: 9/17/18

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2019

MY LICENSE NUMBER IS: 21996

PAGES OR SHEETS COVERED BY THIS SEAL: ALL

PROJECT NO	07808011	SCALE: AS SHOWN	NO	DATE	REVISION	BY
PROJECT DATE:		DRAWN BY: RDH				
F.B		CHECKED BY: JE				

PLOT DATE: 9/12/18

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
6045 Blackhawk Drive NE, Cedar Rapids IA 52402
(319) 364-0771 www.msa-ia.com

2018 SEWER EXT. & FORCEMAIN REPLACEMENT
CITY OF HIAWATHA
CITY OF HIAWATHA, IOWA

TITLE SHEET

PLAN NO 07808011
SHEET A.1

DRAFT

RESOLUTION NO. 18-
City Council

RESOLUTION APPROVING AND MAKING AWARD OF CONTRACT HIAWATHA SEWER EXTENSION AND FORCEMAIN REPLACEMENT PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, that the bid of Maxwell of Iowa City, Iowa in the amount of $341,942.01 for the construction of the 2018 Hiawatha Sewer Extension and Forcemain Replacement Project, plus potential incentives for completion using less than the allowable road closure days and additional provisions as described in the plans and specifications and adopted by this Council after public hearing, be and is hereby accepted, as the lowest responsible responsive bid received, and a contract is hereby awarded.

The contractor is hereby instructed to promptly execute the construction contract and return the same to the Mayor along with all the supporting documents required therein, including surety bond covering work to be performed and proof of satisfactory insurance coverage.

That the Mayor, with the assistance of the City Engineer is thereafter directed to examine the contract for proper execution and all supporting documents, including surety bond and proof of insurance coverage to determine satisfactory compliance with contract specifications. If all documents are in order, the Mayor shall approve the same in writing and place written approval on file in the office of the City Clerk.

That the Mayor and City Clerk are hereby authorized and directed to execute the contract for and on behalf of the City and upon execution the contract shall be in full force and effect.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 17th day of October, 2018.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk