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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: July 10, 2018**

From: John C. Bender PE, City Engineer

Re: Fisher Group Drainage Improvement

Description: Approval of Quotes

Report:

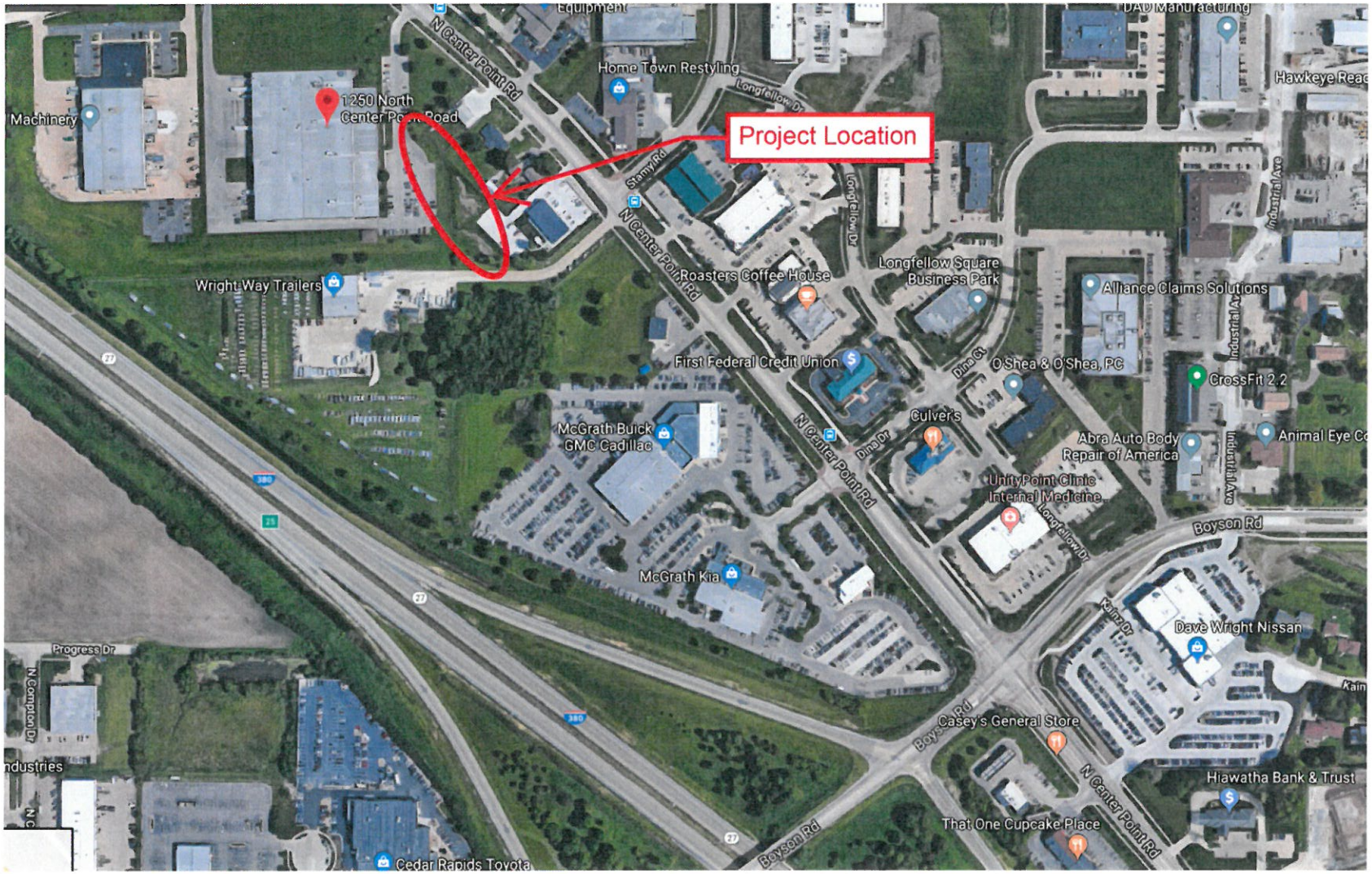
We developed a project to help reduce the flooding potential on the Fisher Group Property at 1250 North Center Point Road. You can see from the pictures that during heavy rains, a considerable amount of rain water covers their parking lot. Although detention basins are constructed and operating, this water comes from the large parking lots at the corner of North Center Point Road and Boyson Road.

The quotes for the Fisher Property Drainage Improvements were submitted Tuesday July 10, 2018. Our engineers estimate for this work is $38,747.50. We received 4 proposals for this project below:

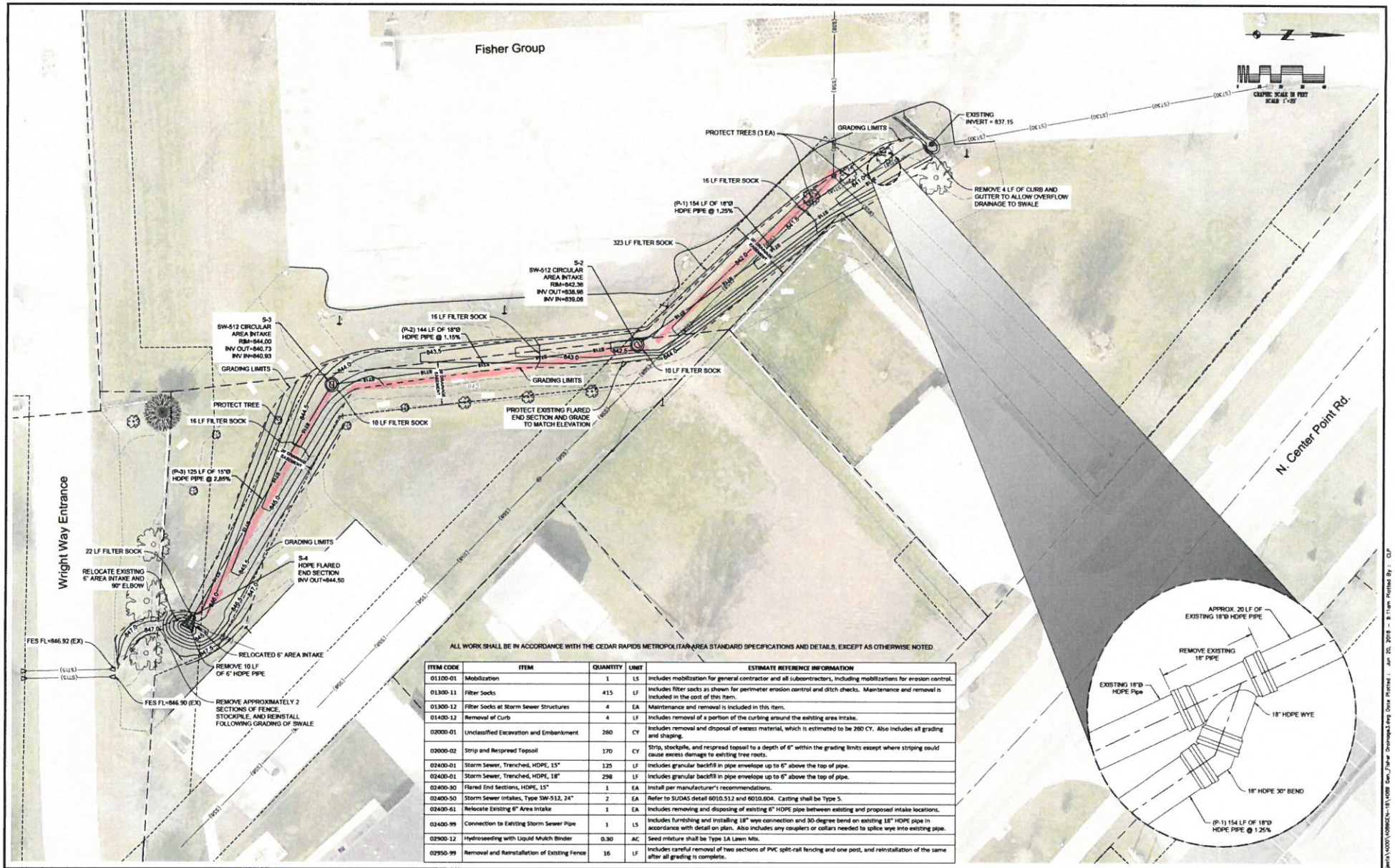
- Pirc-Tobin Construction $36,918.85
- Rathje Construction $48,895.00
- Dave Schmitt Construction $49,241.00
- Boomerang Corp $57,570.00

The low proposal was submitted by Pirc-Tobin Construction from Alburnett Iowa for **$ 36,918.85**. See attached bid quotes. This bid was approximately 5% below the engineer's estimate. These funds are budgeted in the storm water reserve fund. Engineering recommends approval of a contract with Pirc-Tobin Construction.

If you have any questions please let me know.



Location Map



ALL WORK SHALL BE IN ACCORDANCE WITH THE CEDAR RAPIDS METROPOLITAN AREA STANDARD SPECIFICATIONS AND DETAILS, EXCEPT AS OTHERWISE NOTED

ITEM CODE	ITEM	QUANTITY	UNIT	ESTIMATE REFERENCE INFORMATION
01100-01	Mobilization	1	LS	Includes mobilization for general contractor and all subcontractors, including mobilizations for erosion control.
01300-11	Filter Socks	415	LF	Includes filter socks as shown for perimeter erosion control and ditch checks. Maintenance and removal is included in the cost of this item.
01300-12	Filter Socks at Storm Sewer Structures	4	EA	Maintenance and removal is included in this item.
01400-12	Removal of Curb	4	LF	Includes removal of a portion of the curbing around the existing area intake.
02000-01	Unclassified Excavation and Embankment	260	CY	Includes removal and disposal of excess material, which is estimated to be 260 CY. Also includes all grading and shaping.
02000-02	Strip and Respread Topsoil	170	CY	Strip, stockpile, and respread topsoil to a depth of 6" within the grading limits except where striping could cause excess damage to existing tree roots.
02400-01	Storm Sewer, Trenched, HDPE, 15"	125	LF	Includes granular backfill in pipe envelope up to 6" above the top of pipe.
02400-01	Storm Sewer, Trenched, HDPE, 18"	298	LF	Includes granular backfill in pipe envelope up to 6" above the top of pipe.
02400-30	Flared End Sections, HDPE, 15"	1	EA	Install per manufacturer's recommendations.
02400-50	Storm Sewer Intakes, Type SW-512, 24"	2	EA	Refer to SUDAS detail 6010.512 and 6010.604. Casting shall be Type 5.
02400-61	Relocate Existing 6" Area Intake	1	EA	Includes removing and disposing of existing 6" HDPE pipe between existing and proposed intake locations.
02400-99	Connection to Existing Storm Sewer Pipe	1	LS	Includes furnishing and installing 18" wye connection and 30-degree bend on existing 18" HDPE pipe in accordance with detail on plan. Also includes any couplers or collars needed to splice wye into existing pipe.
02900-12	Hydroseeding with Liquid Mulch Binder	0.30	AC	Seed mixture shall be Type 1A Lawn Mix.
02950-99	Removal and Reinstallation of Existing Fence	16	LF	Includes careful removal of two sections of PVC split-rail fencing and one post, and reinstallation of the same after all grading is complete.

DRAWN BY: KLH			/ /
CHECKED BY: MGJ			/ /
APPROVED BY: MGJ			/ /
DATE: 06/20/2018			/ /
FIELD BOOK: XXX	NO.	REVISION DESCRIPTION	APPROVED	DATE

Hiawatha!

HALL & HALL ENGINEERS, INC.
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FISHER GROUP
DRAINAGE IMPROVEMENTS

STORM SEWER AND GRADING PLAN

PROJECT NO: 4088GEN-18

SHEET 1 OF 1

CAD File: I:\projects\4000\4088GEN-18\4088 Gen_Fisher Drainage3.dwg Date Plotted: Jun 20, 2018 - 8:11am Plotted By: CLP

PROPOSAL FORM

CITY OF HIAWATHA
FISHER GROUP DRAINAGE IMPROVEMENTS

The following prices per item shall be for furnishing and installing the various items of material and Work as specified and shown on the Drawings. Bidder agrees to perform all Work as shown on the Drawings and described in the Specifications for the following listed prices. Bidder acknowledges that unit prices have been computed in accordance with paragraph 11.01 of the General Conditions. Bidder acknowledges that quantities are not guaranteed and final payment will be based on actual quantities, and classifications are to be made by ENGINEER as provided in paragraph 11.01 of the General Conditions.

ITEM NO	ITEM CODE	DESCRIPTION	UNIT	EST QTY	UNIT COST	TOTAL COST
1	01100-01	Mobilization	LS	1	$ 3,594.00	$3,594.00
2	01300-11	Filter Socks	LF	415	$ 3.25	$1,348.75
3	01300-12	Filter Socks at Storm Sewer Structures	EA	4	$ 86.10	$344.40
4	01400-12	Removal of Curb	LF	4	$ 24.70	$98.80
5	02000-01	Unclassified Excavation and Embankment	CY	260	$ 15.30	$3,978.00
6	02000-02	Strip and Respread Topsoil	CY	170	$ 11.20	$1,904.00
7	02400-01	Storm Sewer, Trenched, HDPE, 15"	LF	125	$ 37.10	$4,637.50
8	02400-01	Storm Sewer, Trenched, HDPE, 18"	LF	298	$ 40.40	$12,039.20
9	02400-30	Flared End Sections with Pipe Guard, HDPE, 15"	EA	1	$ 340.50	$340.50
10	02400-50	Storm Sewer Intakes, Type SW-512, 24"	EA	2	$ 1,825.00	$3,650.00
11	02400-61	Relocate Existing 6" Area Intake	EA	1	$ 343.00	$343.00
12	02400-99	Connection to Existing Storm Sewer Pipe	LS	1	$ 1,433.00	$1,433.00
13	02600-01	Revetment	SY	17	$ 45.60	$775.20
14	02900-12	Hydroseeding with Liquid Mulch Binder	AC	0.3	$ 6,439.00	$1,931.70
15	02950-99	Removal and Reinstallation of Existing Fence	LF	16	$ 31.30	$500.80
TOTAL COST FOR COMPLETING ALL IMPROVEMENTS					**$36,918.85**	

Proposed date for all work under this proposal to be completed: August 15, 2018
(Due to Seeding Window)
OTHER WORK SOONER

Company: Pirc-Tobin Construction

Prepared By: (Signature) President (Title)

Date Submitted: 7.10.2018

PROPOSAL FORM

CITY OF HIAWATHA
FISHER GROUP DRAINAGE IMPROVEMENTS

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ITEM NO	ITEM CODE	DESCRIPTION	UNIT	EST QTY	UNIT COST	TOTAL COST
1	01100-01	Mobilization	LS	1	$ 2,500.00	$2,500.00
2	01300-11	Filter Socks	LF	415	$ 3.00	$1,245.00
3	01300-12	Filter Socks at Storm Sewer Structures	EA	4	$ 100.00	$400.00
4	01400-12	Removal of Curb	LF	4	$ 100.00	$400.00
5	02000-01	Unclassified Excavation and Embankment	CY	260	$ 34.00	$8,840.00
6	02000-02	Strip and Respread Topsoil	CY	170	$ 20.00	$3,400.00
7	02400-01	Storm Sewer, Trenched, HDPE, 15"	LF	125	$ 46.00	$5,750.00
8	02400-01	Storm Sewer, Trenched, HDPE, 18"	LF	298	$ 50.00	$14,900.00
9	02400-30	Flared End Sections with Pipe Guard, HDPE, 15"	EA	1	$ 500.00	$500.00
10	02400-50	Storm Sewer Intakes, Type SW-512, 24"	EA	2	$ 2,000.00	$4,000.00
11	02400-61	Relocate Existing 6" Area Intake	EA	1	$ 500.00	$500.00
12	02400-99	Connection to Existing Storm Sewer Pipe	LS	1	$ 500.00	$500.00
13	02600-01	Revetment	SY	17	$ 80.00	$1,360.00
14	02900-12	Hydroseeding with Liquid Mulch Binder	AC	0.3	$ 10,000.00	$3,000.00
15	02950-99	Removal and Reinstallation of Existing Fence	LF	16	$ 100.00	$1,600.00
TOTAL COST FOR COMPLETING ALL IMPROVEMENTS					**$48,895.00**	

Proposed date for all work under this proposal to be completed: As Needed in Fall

Company: Rathje Construction

Prepared By: Matt Bakeman (Signature) Project Manager (Title)

Date Submitted: July 9, 2018

PROPOSAL FORM

CITY OF HIAWATHA
FISHER GROUP DRAINAGE IMPROVEMENTS

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ITEM NO	ITEM CODE	DESCRIPTION	UNIT	EST QTY	UNIT COST	TOTAL COST
1	01100-01	Mobilization	LS	1	$ 3,085.00	$3,085.00
2	01300-11	Filter Socks	LF	415	$ 2.50	$1,037.50
3	01300-12	Filter Socks at Storm Sewer Structures	EA	4	$ 75.00	$300.00
4	01400-12	Removal of Curb	LF	4	$ 86.60	$346.40
5	02000-01	Unclassified Excavation and Embankment	CY	260	$ 29.30	$7,618.00
6	02000-02	Strip and Respread Topsoil	CY	170	$ 31.80	$5,406.00
7	02400-01	Storm Sewer, Trenched, HDPE, 15"	LF	125	$ 48.80	$6,100.00
8	02400-01	Storm Sewer, Trenched, HDPE, 18"	LF	298	$ 50.70	$15,108.60
9	02400-30	Flared End Sections with Pipe Guard, HDPE, 15"	EA	1	$ 769.00	$769.00
10	02400-50	Storm Sewer Intakes, Type SW-512, 24"	EA	2	$ 1,693.00	$3,386.00
11	02400-61	Relocate Existing 6" Area Intake	EA	1	$ 352.00	$352.00
12	02400-99	Connection to Existing Storm Sewer Pipe	LS	1	$ 1,186.00	$1,186.00
13	02600-01	Revetment	SY	17	$ 55.30	$940.10
14	02900-12	Hydroseeding with Liquid Mulch Binder	AC	0.3	$ 10,000.00	$3,000.00
15	02950-99	Removal and Reinstallation of Existing Fence	LF	16	$ 37.90	$606.40
TOTAL COST FOR COMPLETING ALL IMPROVEMENTS					**$49,241.00**	

Proposed date for all work under this proposal to be completed: September 28th, 2018

Company: Dave Schmitt Construction

Prepared By: Breaden - (Signature) Project Manager (Title)

Date Submitted: 7.10.18

PROPOSAL FORM

CITY OF HIAWATHA
FISHER GROUP DRAINAGE IMPROVEMENTS

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ITEM NO	ITEM CODE	DESCRIPTION	UNIT	EST QTY	UNIT COST	TOTAL COST
1	01100-01	Mobilization	LS	1	10,000.00	$10,000.00
2	01300-11	Filter Socks	LF	415	3.00	$1,245.00
3	01300-12	Filter Socks at Storm Sewer Structures	EA	4	125.00	$500.00
4	01400-12	Removal of Curb	LF	4	50.00	$200.00
5	02000-01	Unclassified Excavation and Embankment	CY	260	25.00	$6,500.00
6	02000-02	Strip and Respread Topsoil	CY	170	15.00	$2,550.00
7	02400-01	Storm Sewer, Trenched, HDPE, 15"	LF	125	55.00	$6,875.00
8	02400-01	Storm Sewer, Trenched, HDPE, 18"	LF	298	60.00	$17,880.00
9	02400-30	Flared End Sections with Pipe Guard, HDPE, 15"	EA	1	500.00	$500.00
10	02400-50	Storm Sewer Intakes, Type SW-512, 24"	EA	2	2,000.00	$4,000.00
11	02400-61	Relocate Existing 6" Area Intake	EA	1	2,000.00	$2,000.00
12	02400-99	Connection to Existing Storm Sewer Pipe	LS	1	2,000.00	$2,000.00
13	02600-01	Revetment	SY	17	60.00	$1,020.00
14	02900-12	Hydroseeding with Liquid Mulch Binder	AC	0.3	5,000.00	$1,500.00
15	02950-99	Removal and Reinstallation of Existing Fence	LF	16	50.00	$800.00
TOTAL COST FOR COMPLETING ALL IMPROVEMENTS					**$57,570.00**	

Proposed date for all work under this proposal to be completed: November 30, 2018

Company: Boomerang Corp

Prepared By: Sarah Rusher (Signature) V.P. (Title)

Date Submitted: 7-10-18

DRAFT

RESOLUTION NO. 18-
City Council

RESOLUTION AUTHORIZING STAFF TO PROCEED WITH DRAINAGE IMPROVEMENTS ON THE FISHER GROUP PROPERTY LOCATED AT 1250 NORTH CENTER POINT ROAD

WHEREAS, the City Engineer has determined the need for a drainage improvement project on the Fisher Group property located at 1250 North Center Point Road to help reduce flooding potential, and

WHEREAS, after the review of four (4) bids, the lowest, most responsive responsible bid received was: Pirc-Tobin Construction of Alburnett, Iowa, with a total cost of $36,918.85, and

WHEREAS, funding in the amount of $36,918.85, to complete the drainage improvements on the Fisher Group property are budgeted in the Storm Water Reserve Fund, and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA to authorize the completion of the drainage improvement project on the Fisher Group property located at 1250 North Center Point Road at a total cost of $36,918.85, with Pirc-Tobin Construction of Alburnett, Iowa, utilizing available funding in the Storm Water Reserve Fund.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 18th day of July, 2018.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk