



1450 Washington St
 Muscatine IA 52761-5040
 (563) 263-8933
 Fax (563) 263-2127

Public Works

City Transit
 263-8152

MEMORANDUM

TO: Brian Stineman Public Works Director
 FROM: Pat Lynch, Asst. City Engineer
 DATE: June 23, 2020
 RE: Change Orders 001 thru 003 for West Side Trail Project Request to Approve.

Equipment Maintenance
 Roadway Maintenance
 Collection & Drainage
 Building & Grounds
 Engineering

INTRODUCTION:

The West Side Trail Project is currently in suspension due to scheduling issues with an adjacent development. Once the adjacent development is complete, the construction of the West Side Trail will continue. However, the portion of the trail along Houser Street, from the new soccer fields to the north side of Crossroads, is open to public use. The three change orders being considered are for items encountered during the construction of the portion that is complete. These change orders have been reviewed and approved by the DOT and are awaiting Council approval for payment.

BACKGROUND:

The attachments are the change orders and the associated information to support the change orders.

001	A. Special Backfill haul distance change. B. Added 3 check valves. C. Added subdrain with sock	\$ 6,090.00
002	A. Delete Steel Pipe Pedestrian Hand Rail B. Added Rail Aluminum Fence Panels C. Added Aluminum Posts & Hardware D. Added Instant Post Set E. Added Farm Field Fence Replacement F. Added Farm Field Fence Brace Posts Replacement	<\$40,924.20>
003	A. Added Mulching	\$ 4,114.00
	TOTAL =	<\$30,720.20>

RECOMMENDATION/RATIONALE:

It is recommended that these change orders be approved by City Council and signed by the Mayor.

BACKUP INFORMATION:

1. Change Orders

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

CHANGE ORDER
For Local Public Agency Projects

No.: 001

Non-Substantial:

Substantial:

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): 36232

Project Number: TAP-U-5330(630)--8i-70

Contract Work Type: PCC Sidewalk/Trail

Local Public Agency: City of Muscatine

Contractor: Heuer Construction, Inc.

Date Prepared: May 12, 2020

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made:

- Line Item 0020: Special Backfill Material, Place Only. Delete current Unit Price. Add the revised Contract Unit Price to reflect the additional haul distance.
- New Item 8001: Added Check Valves; 3 each.
- New Item 8002: Added Subdrain Standard, Perforated, 4 Inch Diameter with Filter Sock; 220 Lineal Feet.

B - Reason for change:

- Line Item 0020: Special Backfill Material, Place Only. The plan haul distance would have been calculated from the former Beach Lumber site to Houser Street. The actual haul distance was changed due to the City provided material being at the City of Muscatine Public Works yard on Washington Street (across town).
- New Item 8001: added Check Valves; 3 each. The City staff added the check valves due to property owner concerns about flooding on their property. The added check valves would prevent any storm water flows backing up into the property owner's yards.
- New Item 8002: Added Subdrain Standard, Perforated, 4 Inch Diameter with filter Sock; 220 Lineal Feet. Due to the sandy soil conditions, the City staff added a sock to the standard 4" diameter subdrain.

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

- Line Item Number 0020: Special Backfill Material, Place Only. The Contractor requested the revised Unit Price of \$ 22.50 per cubic yard.
- New Item 8001: Added Check valves; 3 each. The contractor requested installed price is \$ 1,150 at each location.
- New Item 8002: Added Subdrain Standard, Perforated, 4 Inch Diameter with Filter Sock; 220 Lineal Feet. The Contractor requested price is \$ 12.00 per Lineal Foot.

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):

- Line Item Number 0020: Special Backfill Material, Place Only. The original Contract Unit Price was \$ 18.75 per cubic yard. The haul distance was more than doubled and through town traffic. So, the increase in cost of \$ 3.75 per cubic yard was considered reasonable. Thus, the Change Order Unit Price will be \$ 22.50 per cubic yard.
- New Item 8001: Added Check Valves; 3 each. The requested installed price is 40% plus with the cost of the valve, piping and connections (\$ 468.51). Refer to attached Contractor provided valve, pipe and connections pricing. Thus, the final price per valve location installed (\$ 1,150.00) appears reasonable.
- New Item 8002: Added Subdrain Standard, Perforated, 4 Inch Diameter with Filter Sock. The requested price per lineal foot is \$ 1.00 over the Contract Line Item Number 0180: Subdrain Standard, 4 Inch Diameter; as per Plan (\$ 11.00 per lineal foot); with actual material cost of \$ 0.61 per lineal foot (Refer to attached Contractor provided material cost).

E - Contract time adjustment: No Working Days added Working Days added: 3 Unknown at this time

Justification for selection:

The Contractor feels the extra haul time negatively impacts the overall completion schedule.

H. Signatures

Signatures will be applied through DocExpress.

CHANGE ORDER
For Local Public Agency Projects

No.: 002

Non-Substantial:

Substantial:

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): 36232

Project Number: TAP-U-5330(630)--8i-70

Contract Work Type: PCC Sidewalk/Trail

Local Public Agency: City of Muscatine

Contractor: Heuer Construction, Inc.

Date Prepared: April 10, 2020

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made:

- Line Item Number 0120: Steel Pipe Pedestrian Hand Rail. Delete this item.
- New Item 8003: Add Rail Aluminum Fence Panels; 32 each. Menards SKU 1716720.
- New Item 8004: Add Aluminum Posts & Hardware, 34 each. Menards SKU 1716715.
- New Item 8005: Add Instant Post Set, 34 bags each. Menards SKU 1894027.
- New Item 8006: Standard Farm Field Fence Replacement, 860 lineal feet.
- New Item 8007: Standard Farm Field Fence Brace Posts Replacement, 10 each.

B - Reason for change:

- Delete Line Item Number 0120: Steel Pipe Pedestrian Hand Rail. The plan indicated that pipe rail would be placed directly on top of the concrete retaining walls. The adjacent property owner was concerned that grand children and pet dogs could easily fall through and under the rail designed. With a lot of children anticipated to be using the trail to go to the City of Muscatine sports fields (baseball, softball & soccer), the City staff was also concerned that the designed rail would become a clim/fall nuisance and liability. Thus the recommendation to delete.
- New Items 8003, 8004 and 8005: Add Rail Aluminum Fence Panels, Add Aluminum Posts & Hardware, and add Instant Post Set so as to have a fence panel replacement (refer to Menards catalog cut sheets).
- New Items 8006 and 8007: Add replacement farm field fence and brace posts to replace an existing fence that the property owner had that needed to be removed to construct the new trail.

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

- Delete Line Item Number 0120: Steel Pipe Pedestrian Hand Rail. The Contract Unit Price of \$ 125.00 per lineal foot for 388 lineal feet (\$ 48,500.00) would be deleted.
- New Item 8003: Add Rail Aluminum Fence Panels, 32 each. The requested price is \$ 66.00 per each panel.
- New Item 8004: Add Aluminum Post & Hardware Package; 34 each post & hardware package. The requested price is \$ 25.30 per each post & hardware package.
- New Item 8005: Add Instant Post Set, 34 each bag. The requested price is \$ 7.70 per bag.
- New Item 8006: Add Farm Field Fence Replacement, 860 lineal feet. The requested price is \$ 3.13 per lineal foot.
- New Item 8007: Add Farm Field Fence Brace Post Replacements, 10 each. The requested price is \$ 165.00 each.

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):

- Delete Line Item Number 0120: Steel Pipe Pedestrian Hand Rail. The original Contract Unit Price is \$ 125.00 per lineal foot. This is the price deduction that is being changed.
- New Items 8003, 8004 and 8005: Add Rail Aluminum Fence Panels, 32 each; Add Aluminum Post & Hardware Package, 34 each; Add Instant Post Set, 34 bags. The requested installed price is less than 120% of the actual material costs.
- New Item 8006: Add Farm Field Fence Replacement, 860 lineal feet. The Contractor requested price per lineal foot is \$ 3.13; and is similar to the price provided for the Wiggins Road Trail; IowaDOT Project No.: EDP-5330(622)--7Y-70 (\$ 3.00).
- New Item 8007: Add Farm Field Fence Brace Post Replacements, 10 each. The Contractor requested price per each is \$ 165.00; and is less than the price provided for the Wiggins Road Trail; IowaDOT Project No.: EDP-5330(622)--7Y-70 (\$ 200.00).

E - Contract time adjustment: No Working Days added Working Days added: _____ Unknown at this time

Justification for selection:

The Contractor feels that extra time is not needed, as the Work will be completed while the Project is in suspension due to Arbor Commons Subdivision lack of access.

F - Items included in contract:

Participating				For deductions enter as "-x.xx"				
Federal-aid	State-aid	Line Number	Item Description		Unit Price .xx	Quantity .xxx	Amount .xx	
X		0120	Delete Contract Line Item.		\$125.00	-388.000	-\$48,500.00	
					Add Row	Delete Row	TOTAL	-\$48,500.00

G - Items not included in contract:

Participating				For deductions enter as "-x.xx"				
Federal-aid	State-aid	Change Number	Item Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx	
X		8003	2599-9999005	Add Aluminum Fence Panels, SKU 1716720.	\$66.00	32.000	\$2,112.00	
X		8004	2599-9999005	Add Aluminum Post & Hardware, SKU 1716715.	\$25.30	34.000	\$860.20	
X		8005	2599-9999005	Instant Post Set, SKU 1894027.	\$7.70	34.000	\$261.80	
X		8006	2519-3280000	Farm Field Fence Replacement.	\$3.13	860.000	\$2,691.80	
X		8007	2519-3300400	Farm Field Fence Brace Post Replacements.	\$165.00	10.000	\$1,650.00	
				7,575.8				
					Add Row	Delete Row	TOTAL	\$7,575.80

H. Signatures

Signatures will be applied through DocExpress.

CHANGE ORDER
For Local Public Agency Projects

No.: 003

Non-Substantial:

Substantial:

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): 36232

Project Number: TAP-U-5330(630)--8i-70

Contract Work Type: PCC Sidewalk/Trail

Local Public Agency: City of Muscatine

Contractor: Heuer Construction, Inc.

Date Prepared: May 12, 2020

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made:

- New Item 8008: add Mulching.

B - Reason for change:

- New Item 8008: Add Mulching. Mulching was not listed as a Pay Item in the original Contract.

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

- New Item 8008: Add Mulching. The Contractor requested price is \$ 2,420.00 per Acre.

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):

- New Item 8008: Mulching. Mulching quantity o match Seeding And Fertilizing (Urban) for 1.7 Acres. The Contractor requested price is \$ 2,420.00; per a BidEx search the price the price range was a low of \$6/Acre to \$10,000/Acre or \$30,000/Acre, with an average of \$1,288.54/Acre or \$1585.73/Acre (see attached). With a low quantity of 1.7 Acres; the \$ 2,420.00/Acre appears reasonable.

E - Contract time adjustment: No Working Days added Working Days added: _____ Unknown at this time

Justification for selection:

The Contractor feels that extra time is not needed, as the Work will be completed while the Project is in suspension due to the Arbor Commons Subdivision lack of access.

F - Items included in contract:

Participating				For deductions enter as "-x.xx"			
Federal-aid	State-aid	Line Number	Item Description		Unit Price .xx	Quantity .xxx	Amount .xx
				Add Row	Delete Row	TOTAL	

G - Items not included in contract:

Participating				For deductions enter as "-x.xx"			
Federal-aid	State-aid	Change Number	Item Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
X		8008	2601-2634100	Mulching	\$2,420.00	1.700	\$4,114.00
				4,114			
				Add Row	Delete Row	TOTAL	\$4,114.00

H. Signatures

Signatures will be applied through DocExpress.

From: **Heuer Construction** heuer_construction@machlink.com 
 Subject: Mulching
 Date: May 12, 2020 at 4:02 PM
 To: William Haag bhaag@muscatineiowa.gov



Hi Bill,

Attached are two examples. One is for 5/12/2019 – 5/12/2020 and the other is for 1/1/2019 – 12/31/2019.

Thank you,

Crystal Gute
 Office Manager
 Heuer Construction, Inc.
 (p) 563-264-8533
 (f) 563-263-4331



www.heuerconstruction.com

Bid Tab Analysis Search

Item: 2601-2634100 <input checked="" type="checkbox"/> Smart Item Search Description: _____ Proposal Items: _____ County: _____ Unit: _____ Low Bidders: _____	Date Range: From: 05/12/2019 To: 05/12/2020 Quantity Range: From: _____ To: _____ Price Range: From: _____ To: _____
<input type="button" value="Search"/> <input type="button" value="Clear"/>	

[Export \(csv\)](#) | [Export](#)

Item	Description	Average	High	Low	Unit	Bid Count
2601-2634100	MULCH	\$1,288.54	\$10,000.00	\$6.00	ACRE	527 Bids

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Bid Tab Analysis Search

Item: 2601-2634100	From: 01/01/2019	Date Range: To: 12/31/2019
<input checked="" type="checkbox"/> Smart Item Search	From:	Quantity Range: To:
Description:	From:	Price Range: To:
Preposal Items:		
County:		
Unit:		
Low Bidders:		
		<input type="button" value="Search"/> <input type="button" value="Clear"/>

Item #	Description	Average	High	Low	Unit	Bid Count	Export (csv) Export
601-2634100	MULCH	\$1,585.73	\$30,000.00	\$6.00	ACRE	548 Bids	

[Contact](#) [Training Center](#) [Terms of Use](#) [Product Updates](#)



DATE: 10/29/2019

Request For Information

2380 BYPASS 61
MUSCATINE, IA 52761
PHONE: 563-264-8533
FAX: 563-263-4331
CELL: 563-506-0272

RFI NO. 1

PAGE NO. 1 OF 1 PAGES

PROPOSAL SUBMITTED TO: CITY OF MUSCATINE

JOB NAME: WEST TRAIL

ADDRESS: ATTN: WILLIAM HAAG

JOB LOCATION: MUSCATINE, IOWA

CITY: MUSCATINE

TAP-U-5330(630) - 8I-70

STATE: IOWA ZIP CODE: 52761

EMAIL: BILL@KOALACONSULTINGSERVICES.COM

HEUER CONSTRUCTION, INC IS REQUSETING TO INCREASE THE PRICE ON THE BELOW CONTRACT ITEM BY \$3.75 PER CY.

0020 SPECIAL BACKFILL \$22.50 PER CY

WE PROPOSE to furnish material and labor - complete in accordance with above specifications for the sum of

(\$)

Payment to be made as follows:

30 DAYS FROM DATE OF INVOICE

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature

Note: This proposal may be withdrawn by us if not accepted within 30 days.

ACCEPTANCE OF PROPOSAL. The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance:

Signature:

Signature:

0020 SPECIAL BACKFILL \$22.50 PER CY

WE PROPOSE to furnish material and labor - complete in accordance with above specifications for the sum of

(3)

Payment to be made as follows:

30 DAYS FROM DATE OF INVOICE

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements can refer upon strikes, accidents or delays beyond our control. Owner to carry fire, theft and other necessary insurances. (Our names are fully covered by Auto and liability insurance.)

Accepted Signature

Note: This proposal may be withdrawn at any time before the 30 days

ACCEPTANCE OF PROPOSAL. The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance:

Signature:

Signature:



BRANCHES LOCATED IN:
 BETTENDORF - DES MOINES - OMAHA -
 PERU, IL - SIOUX CITY and WATERLOO
 REMIT TO: PO Box 1290
 Bettendorf, IA 52722

INVOICE

Invoice No.: **10082915-000**
 Date: **11/27/2019**
 Page: **1 of 1**

--For Credit Card Payment, call:
 (563) 355-5376 / (800) 541-8356

Sold To:
HEUER CONSTRUCTION INC
2360 BYPASS 61
MUSCATINE, IA 52761

Ship To:
FOR: JOB: CITY OF MUSCATINE, IA
WEST SIDE TRAIL
P/U AT UECO
BETTENDORF, IA

P.O. No.: **WEST SIDE TRAIL MUSCATINE**

Phone: **563-264-8533**
 Fax: **563-263-4331**

Terms	Order No./Rel.	Customer No.	SalesRep	Ship Via	Req. Date	Reference
N30/INV DATE	10082915-000	79935	BE HOUSE	PICKUP	11/25/2019	B10082915

FRT ON BOARD DESTINATION, FRT PREPAID & ADDED

Product No.	Description	Ordered	Shipped	B/O	UOM	Unit Price	Extension
DWV06SWB	6" X 10' BELLED END SCH40	10	10		FT	4.81	48.10
107066	6" CORR HDPE X PVC FLEX CPLG	6	6		EA	58.94	353.64
Sub Total:							401.74
Total:							\$ 401.74

TERMS AND CONDITIONS

Special Order items are nonreturnable. Restocking charges may apply on other returned goods.
 A monthly service charge of 1.5% may be assessed on balances past 30-days from invoice date.



BRANCHES LOCATED IN:
 BETTENDORF - DES MOINES - OMAHA -
 PERU, IL - SIOUX CITY and WATERLOO
 REMIT TO: PO Box 1290
 Bettendorf, IA 52722

INVOICE

Invoice No.: 110036628-000
 Date: 11/27/2019
 Page: 1 of 1

--For Credit Card Payment, call:
 (563) 355-5376 / (800) 541-8356

Sold To:
HEUER CONSTRUCTION INC
 2360 BYPASS 61
 MUSCATINE, IA 52761

Ship To:
 C/O JOB: CITY OF MUSCATINE, IA
 WEST SIDE TRAIL PROJECT
 SANITARY SEWER
 MUSCATINE, IA

P.O. No.: WEST SIDE TRAIL PROJECT

Phone: 563-264-8533
 Fax: 563-263-4331

Terms	Order No./Rel.	Customer No.	SalesRep	Ship Via	Req. Date	Reference
N30/INV DATE	110036628-000	79935	BE HOUSE	PE TRUCK	11/25/2019	P110036628

FRT ON BOARD DESTINATION, FRT PREPAID & ADDED

Product No.	Description	Ordered	Shipped	B/O	UOM	Unit Price	Extension
96926	6" BACKWATER VALVE	1	1		EA	301.00	301.00
Sub Total:							301.00
Total:							\$ 301.00

TERMS AND CONDITIONS

Special Order items are nonreturnable. Restocking charges may apply on other returned goods.
 A monthly service charge of 1.5% may be assessed on balances past 30-days from invoice date.



BRANCHES LOCATED IN:
 BETTENDORF - DES MOINES - OMAHA -
 PERU,IL - SIOUX CITY and WATERLOO
 REMIT TO: PO Box 1290
 Bettendorf, IA 52722

INVOICE

Invoice No.: **10082945-000**
 Date: **11/30/2019**
 Page: **1 of 1**

--For Credit Card Payment, call:
 (563) 355-5376 / (800) 541-8356

Sold To:
HEUER CONSTRUCTION INC
2360 BYPASS 61
MUSCATINE, IA 52761

Ship To:
(ATTN:JAMIE)FOR:CITY OF MUSCATINE,IA
WESTSIDE TRAIL PROJECT
C/O CUSTOMER SHOP
2360 BYPASS 61
MUSCATINE, IA 52761

P.O. No.: **WESTSIDE TRIAL VALVES**

Phone: **563-264-8533**
 Fax: **563-263-4331**

Terms	Order No./Rel.	Customer No.	SalesRep	Ship Via	Req. Date	Reference
N30/INV DATE	10082945-000	79935	BE HOUSE	DIRECT	11/26/2019	B10082945

FRT ON BOARD DESTINATION, FRT PREPAID & ADDED

Product No.	Description	Ordered	Shipped	B/O	UOM	Unit Price	Extension
96926	6" BACKWATER VALVE	2	2		EA	225.00	450.00
	**SHIP ASAP TO CUSTOMER SHOP						
Bill Code: 76	+ DIRECT FREIGHT f/VENDOR	1	1			.00	0.00

Sub Total: 450.00
FREIGHT: 30.66
Total: \$ 480.66

TERMS AND CONDITIONS

Special Order items are nonreturnable. Restocking charges may apply on other returned goods.
 A monthly service charge of 1.5% may be assessed on balances past 30-days from invoice date.



BRANCHES LOCATED IN:
 BETTENDORF - DES MOINES - OMAHA -
 PERU, IL - SIOUX CITY and WATERLOO
 REMIT TO: PO Box 1290
 Bettendorf, IA 52722

INVOICE

Invoice No.: **10083001-000**
 Date: **12/04/2019**
 Page: **1 of 1**

--For Credit Card Payment, call:
 (563) 355-5376 / (800) 541-8356

Sold To:
HEUER CONSTRUCTION INC
2360 BYPASS 61
MUSCATINE, IA 52761

Ship To:
FOR: JOB: CITY OF MUSCATINE, IA
JOB: WEST SIDE TRAIL
P/U AT UECO
BETTENDORF, IA

P.O. No.: **WESTSIDE TRAIL MUSCATINE**

Phone: **563-264-8533**
 Fax: **563-263-4331**

Terms	Order No./Rel.	Customer No.	SalesRep	Ship Via	Req. Date	Reference
N30/INV DATE	10083001-000	79935	BE HOUSE	PICKUP	12/02/2019	B10083001

FRT ON BOARD DESTINATION, FRT PREPAID & ADDED

Product No.	Description	Ordered	Shipped	B/O	UOM	Unit Price	Extension
3270008	8" DWV FIPT ADPT	3	3		EA	87.75	263.25
3280008	8" DWV THREADED PLUG	3	3		EA	52.13	156.39
40SCH060	8" X 20' SCH40 BOE PVC PIPE	20	20		FT	6.40	128.00
DWV04SWB	4" X 10" BELLED END SCH40	10	10		FT	2.42	24.20

Sub Total: 571.84
Total: \$ 571.84

TERMS AND CONDITIONS

Special Order items are nonreturnable. Restocking charges may apply on other returned goods.
 A monthly service charge of 1.5% may be assessed on balances past 30-days from invoice date.



BRANCHES LOCATED IN:
 BETTENDORF - DES MOINES - OMAHA -
 PERU,IL - SIOUX CITY and WATERLOO
 REMIT TO: PO Box 1290
 Bettendorf, IA 52722

INVOICE

Invoice No.: **10083127-000**
 Date: **12/11/2019**
 Page: **1 of 1**

--For Credit Card Payment, call:
 (563) 355-5376 / (800) 541-8356

Sold To:
HEUER CONSTRUCTION INC
2360 BYPASS 61
MUSCATINE, IA 52761

Ship To:
ATTN: JAMIE
FOR: JOB: CITY OF MUSCATINE, IA
WESTSIDE TRAIL
PU AT UECO
BETTENDORF, IA

P.O. No.: **WESTSIDE TRAIL**

Phone: **563-264-8533**
 Fax: **563-263-4331**

Terms	Order No./Rel.	Customer No.	SalesRep	Ship Via	Req. Date	Reference
N30/INV DATE	10083127-000	79935	BE HOUSE	PICKUP	12/10/2019	B100836127

FRT ON BOARD DESTINATION, FRT PREPAID & ADDED

Product No.	Description	Ordered	Shipped	B/O	UOM	Unit Price	Extension
ADS040250DP	4" X 250' PERF SINGLE WALL DOT APPD HDPE PIPE	1500	1000	500	FT	.42	420.00
ADS040100DP	4" X 100' PERF SINGLE WALL DOT APPD HDPE PIPE	2000	0	2000	FT	.42	0.00
ADSEC04	4" SINGLE WALL SNAP END CAP	8	8		EA	3.66	29.28
RG04SPEC	4" IOWA DOT SPEC RODENT GUARD	8	8		EA	8.72	69.76
ADSCSN04SW	4" SINGLE WALL HDPE INTERNAL SNAP COUPLING	16	16		EA	2.79	44.64
(BAG QTY: 16)							

Sub Total: 563.68
Total: \$ 563.68

TERMS AND CONDITIONS

****Special Order items are nonreturnable.** Restocking charges may apply on other returned goods.
****A monthly service charge of 1.5% may be assessed on balances past 30-days from invoice date.******



BRANCHES LOCATED IN:
 BETTENDORF - DES MOINES - OMAHA -
 PERU,IL - SIOUX CITY and WATERLOO
 REMIT TO: PO Box 1290
 Bettendorf, IA 52722

INVOICE

Invoice No.: **10083127-001**
 Date: **12/13/2019**
 Page: **1 of 1**

--For Credit Card Payment, call:
 (563) 355-5376 / (800) 541-8356

Sold To:
HEUER CONSTRUCTION INC
2360 BYPASS 61
MUSCATINE, IA 52761

Ship To:
ATTN: JAMIE
FOR: JOB: CITY OF MUSCATINE, IA
WESTSIDE TRAIL
PU AT UECO
BETTENDORF, IA

P.O. No.: **WESTSIDE TRAIL MUSCATINE**

Phone: **563-264-8533**
 Fax: **563-263-4331**

Terms	Order No./Rel.	Customer No.	SalesRep	Ship Via	Req. Date	Reference
N30/INV DATE	10083127-001	79935	BE HOUSE	PICKUP	12/12/2019	B100831271

FRT ON BOARD DESTINATION, FRT PREPAID & ADDED

Product No.	Description	Ordered	Shipped	B/O	UOM	Unit Price	Extension
ADS040100DP	4" X 100' PERF SINGLE WALL DOT APPD HDPE PIPE	500	500		FT	.42	210.00
ADS040100DPS	4" X 100' PERF SINGLE WALL DOT APPD HDPE PIPE W/ SOCK	500	500		FT	.61	305.00
ADS040250DP	4" X 250' PERF SINGLE WALL DOT APPD HDPE PIPE	1500	1500		FT	.42	630.00

Sub Total: 1,145.00
Total: \$ 1,145.00

TERMS AND CONDITIONS

****Special Order items are nonreturnable.** Restocking charges may apply on other returned goods.
 A monthly service charge of 1.5% may be assessed on balances past 30-days from invoice date.**



BRANCHES LOCATED IN:
 BETTENDORF - DES MOINES - OMAHA -
 PERU, IL - SIOUX CITY and WATERLOO
 REMIT TO: PO Box 1290
 Bettendorf, IA 52722

INVOICE

Invoice No.: 10082885-000
 Date: 11/25/2019
 Page: 1 of 1

--For Credit Card Payment, call:
 (563) 355-5376 / (800) 541-8356

Sold To:
HEUER CONSTRUCTION INC
 2360 BYPASS 61
 MUSCATINE, IA 52761

Ship To:
FOR: JOB: CITY OF MUSCATINE, IA
WEST SIDE TRAIL
P/U AT UECO
BETTENDORF, IA

P.O. No.: WEST SIDE TRAIL MUSC

Phone: 563-264-8533
 Fax: 563-263-4331

Terms	Order No./Rel.	Customer No.	SalesRep	Ship Via	Req. Date	Reference
N30/INV DATE	10082885-000	79935	BE HOUSE	PICKUP	11/21/2019	B10082885

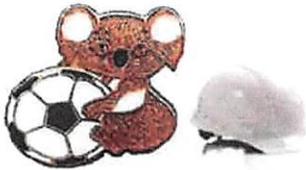
FRT ON BOARD DESTINATION, FRT PREPAID & ADDED

Product No.	Description	Ordered	Shipped	B/O	UOM	Unit Price	Extension
ADSY0606	6" X 6" DUAL WALL HDPE WYE	9	9		EA	37.80	340.20
ADSY0404	4" X 4" DUAL WALL HDPE WYE	11	11		EA	21.60	237.60

Sub Total: 577.80
Total: \$ 577.80

TERMS AND CONDITIONS

Special Order items are nonreturnable. Restocking charges may apply on other returned goods.
 A monthly service charge of 1.5% may be assessed on balances past 30-days from invoice date.



Project: WEST SIDE TRAIL

COMPUTATIONS

Project: West Side Trail
Stark Property Farm Field Fence
Parallel To Houser Hill

Sheet No. 1 of 1
Job No. _____.
Comp. WJH. Date 03-19-20.
Chck'd _____ Date _____.

FIELD DATA:

From Muscatine Magic data and field measurements provided by WJH.

From the Starks' entrance approximately 210' of metal fence exists.

From the Starks' entrance approximately 920' to the property lines: ± 710'

This length does NOT include a return run perpendicular to Houser Street.

The property line is approximately at the existing wet land.

PRICE DATA:

Taylor Fence and Heuer Construction, Inc. provided fence costs: \$ 3.13/LF

Taylor Fence and Heuer Construction, Inc. provided Brace Post costs: \$ 165/EA

CALCULATIONS:

Parallel Field Fence Cost: (710' x \$ 3.13) = \$ 2,222.30

Potential Perpendicular Fence Cost: (150' x \$ 3.13) = \$ 469.50

Brace Post Costs (Assume 10 Posts): (10 x \$ 165.00) = \$ 1,650.00

TOTAL:

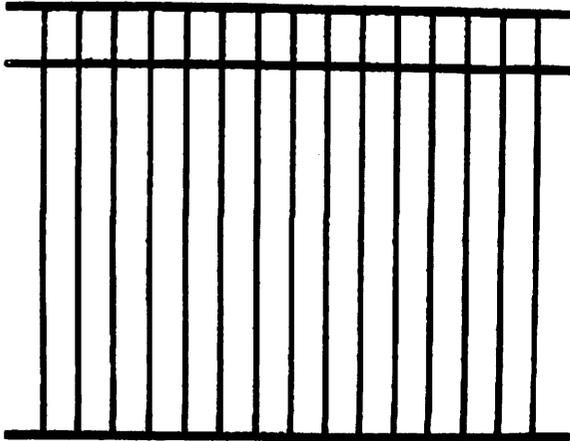
Farm Field Fence Replacement: = \$ 4,341.80

Notes:

1. Perpendicular fence tie-in length should be confirmed prior to proceeding with any new farm field fence installation.
2. Grading will need to be done to accomplish a decent looking grade for the fencing noted above.

EZ Fence Asbury 4-6 x 6 3-Rail Aluminum Fence Panel

Model Number: 1716720 | Menards® SKU: 1716720



Online Price

\$59⁹⁸
each

33 People have purchased this product in the past 30 days

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Shipping & Delivery

Not Available Online
Contact a store for delivery options

Description & Documents

The Asbury Aluminum 3-Rail Fence Panel is an easy-to-install fence panel that is 4' 6" high x 6' wide. The external post and bracketing system are sold separately. This fence panel is constructed of quality aluminum and designed with simple, elegant lines.

Dimensions: 54" H x 70" W

Shipping Dimensions: 71.25 H x 54.00 W x 1.12 D

Shipping Weight: 13.0 lbs

Brand Name: Specially

SPECIAL

Specifications

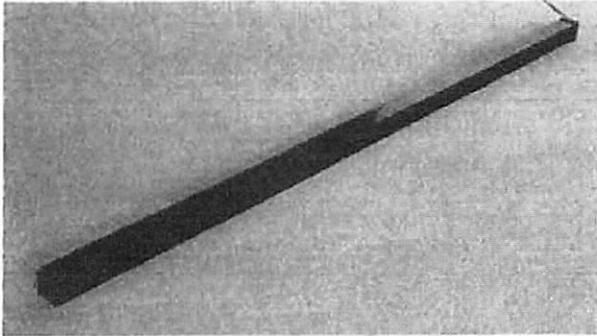
Product Type	: Metal Fence Panel	Material	Aluminum
Thickness	: 1-5/8 Inch	Special Features	: Rust Resistant
Overall Height	54 inch	Weight	14 pounds
Overall Width	70 inch	Color/Finish	Black
Includes	Panel only	Installed Height	54 inch
Rough Opening Width	72 inch	Top Style	Flat

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Please Note: Prices, promotions, styles and availability may vary by store and online. Inventory is sold and received continuously throughout the day; therefore, the quantity shown may not be available when you get to the store. This inventory may include a store display unit. Online orders and products purchased in-store qualify for rebate redemption. Mail-In Rebate is in the form of merchandise credit check, valid in-store only. Merchandise

EZ Fence 2" x 84" Aluminum Post and Hardware

Model Number: 1716715 | Menards® SKU: 1716715



Online Price

\$22.98
each

47 People have purchased this product in the past 30 days

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Shipping

Available

Description & Documents

The EZ Fence 2" x 84" Aluminum Post and Hardware is for use with a 60" high fence, or for a deeper in-ground installation of a 36", 48" or 54" high fence. This product includes a box of six EZ Fence rail attachment brackets.

Dimensions: 2" x 84"

Shipping Dimensions: 84.50 H x 2.25 W x 2.25 D

Shipping Weight: 4.625 lbs

Brand Name: Spectrail

SPECTRAIL

Features

- Includes box of six EZ Fence rail attachment brackets
- Post cap included
- Quality aluminum construction
- Easy and fast installation
- This maintenance-free product does not require painting as it will keep its attractive finish without rusting or peeling

Specifications

Product Type	Metal Fence Post	Material	Aluminum
Special Features	Aluminum, Powder Coated Finish, Rust Resistant	Overall Height	84 inch
Weight	4 pound	Overall Width	2 inch
Color/Finish	Black	Includes	Post Cap, Ez-fence Attachment Bracket Set
Post Type	Universal	Overall Depth	2 Inch

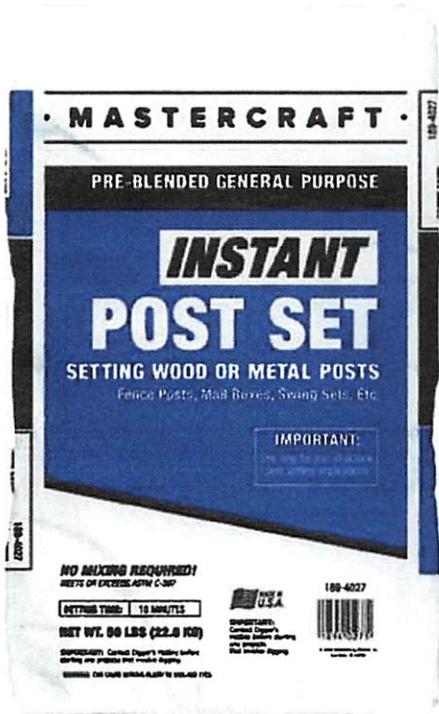
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Instant Post Concrete Mix - 50 lb

Model Number: 1894027 | Menards® SKU: 1894027



EVERYDAY LOW PRICE \$6.99
 11% MAIL-IN REBATE Good Through 5/16/20 \$0.77
FINAL PRICE **\$6²²** each

You Save \$0.77 After Mail-In Rebate

Increments of 56 may be required

* Mail-in Rebate is in the form of merchandise credit check, valid in-store only. Merchandise credit check is not valid towards purchases made on MENARDS.COM®.

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Sold in Stores
 Currently not available for online purchase
[Enter Your ZIP Code](#) for store information

Description & Documents

This cement is used for setting fence posts, mailboxes, basketball poles and swing sets.



Brand Name: **Mastercraft**

Features

- Just add water
- No mixing needed
- Fast setting (sets in 10 minutes)
- Made in the USA

Specifications

Product Type	Concrete Mix	Listing Agency Standards	ASTM C387
Color	Gray	Coverage Area	0.37 cubic foot
Working Time	10 minute (time unit)	Set Time	.16 hour
Special Features	Fast Setting	Weight	50 pounds
View Return Policy			