

Warrants

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	Fiscal Year	Warrant Number	Line Number	Line Amount	Issued	Redeemed	Vendor Customer
✓	2021	85234965	1	\$2,291.25	04/12/2021	04/15/2021	00002108804
	2021	85234965	2	\$2,291.25	04/12/2021	04/15/2021	00002108804

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[Warrant Information](#)

Fiscal Year :	<input type="text" value="2021"/>	Amount :	<input type="text" value="\$4,582.50"/>
Warrant Number :	<input type="text" value="85234965"/>	Vendor Customer :	<input type="text" value="00002108804"/>
Line Number :	<input type="text" value="1"/>	Last Updated :	<input type="text" value="4/15/21"/>

[Issue Information](#)

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[Fund Accounting](#)

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550906

ATTACHMENT A-1

752

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023

Project Work Order

Supplemental Agreement No. 27

Master Agreement Number BG-9A00(002)—80-00

Contract Number 16996

Work Order No. (63)

This work order is a part of the above referenced Base Agreement between Shive-Hattery, Inc. and the Iowa Department of Transportation. This agreement was executed on February 26, 2018.

Project Description: Cedar Rapids and Marion Cold Storage Buildings: Secondary Electrical Feed & Building Sub-Panel Design

Project Number: **Project# 9000FAC1021**

The project shall consist of review of existing electrical system, recommendation and design of a secondary feed and sub-panel for each building. The Cedar Rapids location will require approximately 60 amp sub-panel and the Marion garage will utilize about a 200 amp service (verify) as extended for an existing location.

Scope of Consultant Services:

See attached Exhibit A-2

Initial Site Visit – It is recommended the consultant visit the site to determine the most efficient routing, available power and source.

Estimate – Not required.

Construction Documents – provide all drawings and specifications needed for use in conjunction with Iowa DOT documents or standalone documents for bidding purposes to outside contractors.

Construction Document Progress Reviews – Review initial recommendation for power with DOT Project Manager before proceeding with bidding and construction documents. Provide all design documents to Iowa DOT for review at 90%.

Pre-Bidding Services – participate in person or via Teams meeting in a pre-bid conference. During bidding timeline provide responses, drawing or specification changes via addendum as needed to the DOT Project Manager.

Contract Administration – Review submittals based on specifications provided, respond to ASI's, RFI's, or change proposal requests, and if needed, perform document changes to drawings and or specifications.

Additional project and scope of work described in attachment A-2

ATTACHMENT A-1
Page 2 of 3
Project Work Order
Master Agreement Number BG-9A00(002)—80-00
Contract Number 16996
Work Order No. (63)

Iowa DOT will perform all bidding procedures.

Obligation of State to *Consultant*:

Pay all applicable state inspection fees.
Pay all applicable Interconnection Permit fees.

Time of Beginning and Completion:

Date to Proceed – February 22, 2021

Date to Complete – 3/15/21

Project Letting Date – TBD

Work Order Ending Date – 12/31/21

Compensation: Specific Rate of Compensation: Hourly rates per 2018 Contract not to exceed \$9,165.00

Costs for this Work Order No. (0063) will be segregated from all previous work orders.

Authorization:

IOWA DEPARTMENT OF TRANSPORTATION
Administrative Services Division

SHIVE-HATTERY, INC.

By: Michael G. Harvey
Mike Harvey
Director Office of Support Services

Cindi G. Bryan
By: _____
Cindi Bryan
Project Manager
Shive Hattery Architecture Engineering

Date: Feb 25, 2021

Date: _____

ATTACHMENT A-1
Page 3 of 3
Project Work Order
Master Agreement Number BG-9A00(002)—80-00
Contract Number 16996
Work Order No. (63)

I. Direct Labor Cost (Prime Only)

<u>Category</u>	<u>Hours</u>	<u>Rate/Hour</u>	<u>Amount</u>
Technical Grade 3	6	\$81	\$486
Technical Grade 5	3	\$101	\$303
Professional Grade 2	8	\$100	\$800
Professional Grade 4	3	\$127	\$381
Professional Grade 5	13	\$138	\$1,794
Professional Grade 7	33	\$163	\$5,379

Payroll total \$9,143

II. Payroll Burden and Overhead Costs (Prime Only)

Indirect Cost Factor: [Insert combined factor] \$ _____

III. Direct Project Expenses (Prime Only)

Phone/Fax		
Mileage	\$21.76	32miles @ .68
Reproduction		
Postage		

Total Direct Project Expenses \$22.00

IV. Estimated Actual Costs (Prime Only) (I + II + III)

\$ ____ \$9,165
(Rounded)

V. Fixed Fee (Prime Only) % X (I + II)

\$ _____
(Rounded)

VI. Contingency (Prime Only) % X (I + II + III)

\$ _____
(Rounded)

VII. Subcontract Expenses (Designate if Cost Plus Fixed Fee, Lump Sum, etc. and include appropriate number of Attachment Is as necessary)

List First Subconsultant Total Costs (EAC+FF+Cont.)	CP \$ _____
List Second Subconsultant Total Costs (EAC+FF)	LS \$ _____
List the remaining Subconsultant for this contract	CP \$ _____

Total Subcontractor Costs \$ _____
(Rounded)

VIII. Indicate type of reimbursement Work Order Total (IV + V + VI + VII)
(Maximum Amount Payable)

\$9,165
(Rounded)

ATTACHMENT A-2
Page 1 of 3
Project Work Order
Supplemental Agreement No. 27
Master Agreement Number BG-9A00(002)—80-00
Contract Number 16996
Work Order No. (063)

Additional Project and Scope of Work Descriptions
Project# 9000FAC1021

New Cold Storage Building at Marion Maintenance Garage Location:

1. The Derecho wiped out our cold storage building and severely damaged our road striping paint crew equipment building. The former was a 10 bay wood post frame Cold Storage structure and the latter is a metal building about 60' x 30' that will be torn down.
2. We are reconstructing these as one building. You can see the original building partly on the attached aerial site plan.
3. The smaller paint building has an electrical panel service of 200 amps. This has a 60 Amp breaker that feeds to a sub panel in the original 10 bay wood post frame cold storage building.

What is requested of Shive Hattery:

1. Design and prepare drawings and specs (could be on drawings) to properly but cost effectively bring 200 amp service to the new building. Includes site routing, conduit, wiring, panels and service junction boxes.
2. Visit site to become familiar with existing electrical and gas.
3. Design and prepare drawings and specs (could be on drawings) to properly but cost effectively bring existing natural gas service to the new building. Includes site routing, piping and meter.
4. Facilities group will coordinate circuiting, fixture selection, lighting and power plan layouts from the panel locations; primarily to limit your time in preparing documents/drawings etc.
5. Answer questions during bid process related to only your design items. Issue addenda. Attend pre-bid on line.
6. Review submittals for items related to only your design items.

New Cold Storage Building at Cedar Rapids Maintenance Garage Location:

1. The Derecho wiped out our cold storage building.
2. We are reconstructing a new 6 bay, 40' x 92' wood post frame building. You can see the location on the attached aerial site plan.
3. There is no electrical service that we can relocate from another building. A new service line is needed.

What is requested of Shive Hattery:

1. 60 amp panel will be needed for new cold storage.
2. Determine/propose location of source of power for new 60 amp panel.
3. Design and prepare drawings and specs (could be on drawings) to properly but cost effectively bring 60 amp service to the new building. Includes site routing, conduit, wiring, panels and service junction boxes.
4. Visit site to become familiar with existing electrical.
5. Facilities group will coordinate circuiting, fixture selection, lighting and power plan layouts from the panel locations; primarily to limit your time in preparing documents/drawings etc.
6. Answer questions during bid process related to only your design items. Issue addenda. Attend pre-bid on line.
7. Review submittals for items related to only your design items.

Iowa Department of Transportation
 Universal Payment Voucher
 Consultant

Voucher 890242
 Abstract Date 4/12/21
 Warrant 85234965

Voucher Date 3/29/21

Contract 16996
 P.O.

Vendor SHIVE-HATTERY ENGINEERS & ARCHITECTS

SHIVE-HATTERY ENGINEERS & ARCHITECTS
 PO BOX 1599
 CEDAR RAPIDS, IA 52406-1599

Line	Invoice Date	Invoice Number	Fiscal Year	Cost Center	Obj	Fun	R/ U	P/ N	Retained	Amount
0830	3/18/21	42118201	21	550906	425	023	R	N	\$0.00	\$2,291.25
	WO 063- 9000FAC1021			Project: 80065B35000		Parcel:		Eq/Job #:		
0840	3/18/21	42118201	21	550906	425	023	R	N	\$0.00	\$2,291.25
	WO 063- 9000FAC1021			Project: 80315D12000		Parcel:		Eq/Job #:		
Total:									\$0.00	\$4,582.50

Description

MASTER AGREEMENT BG-9A00 (002) --80-00

Added lines 70,71, & 72. Total WOs \$46,725.00. 525164.46-46725=478439.46 3/12/20

Approval Authority	Date	Claimant's Certification
_____	_____	I the within claimant do certify that the items for which payment is claimed were furnished for state business under authority of the law and the charges are reasonable, proper, and correct and no part of this claim has been paid. Sign in ink: _____ Date: _____ Not required if original invoice is being presented for Payment.
_____	_____	
_____	_____	

Shive-Hattery | PO Box 1599 | Cedar Rapids, IA 52406-1599 | 319.362.0313 | shive-hattery.com

March 18, 2021

Invoice No: 4211820 - 1

Steve Trost
Iowa Department of Transportation
800 Lincoln Way
Ames, IA 50010

Cedar Rapids & Marion Cold Storage Building Electrical Services
Contract 16996 | WO 61 | Project 9000FAC1021

Services provided through March 12, 2021:

Total Fee	9,165.00			
Percent Complete	50.00	Total Earned	4,582.50	
		Previous Fee Billing	0.00	
		Current Fee Billing	4,582.50	
		Total Fee		4,582.50
		AMOUNT DUE THIS INVOICE		\$4,582.50

CJB

Cedar Rapids: \$2,291.25
Marion: \$2,291.25