

SECTION 00 0028.01

EJCDC E-500 - EXHIBIT K AMENDMENT 1

This is **EXHIBIT K**, consisting of **2** page(s), referred to in and part of the Agreement between Owner and Engineer for Professional Services dated **February 26, 2018**.

AMENDMENT TO OWNER-ENGINEER AGREEMENT

Amendment No. 1

The Effective Date of this Amendment is: _____.

Background Data

Effective Date of Owner-Engineer Agreement: **February 26, 2018**

Owner: **Village of Pinckney**

Engineer: **Wolverine Engineers & Surveyors, Inc.**

Project: **Pump Station Replacement, Forcemain Replacement, and Screening Building, Contracts 1 and 2**

Nature of Amendment:

☒ Additional Services to be performed by Engineer

Description of Modifications:

1. **Contract budget for Additional Services is \$18,000. This budget was expended for value engineering services to revise plans and specifications and negotiate with the low bidder to bring the project within budget.**
2. **In addition, the Owner has paid the Engineer another \$8,871.80 for remaining value engineering services. This Amendment No. 1 has been prepared reflect this overage.**

Agreement Summary:

Original agreement amount:	\$\$391,000
Net change for prior amendments:	\$0
This amendment amount:	\$8,871.80
Adjusted Agreement amount:	\$399,871.80
Change in time for services (days or date, as applicable):	<u>N/A</u>

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect.

OWNER:			ENGINEER:	
By:			By:	
Print name:	Linda Lavey		Print name:	Joseph C. White, PE
Title:	Village President		Title:	Project Engineer
Date Signed:			Date Signed:	

END OF SECTION

Invoice Number: 20170254

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169
Attention: Amy M. Salowitz, Clerk

Manager: Joseph C. White, P.E.

****Fees incurred for additional soil boring at new pump station location.

<u>Vendor/Expense</u>	<u>Bill Units</u>	<u>Unit Bill Rate</u>	<u>Charge</u>
D & T Drilling, Inc Outside Professional Services	1.00	\$1,562.0000	\$1,562.00
			<u>\$1,562.00</u>
Subtotal of Charges for : Additional Services			\$1,562.00

***** Total Project Invoice Amount** **\$1,562.00**

Credit Card Payment Type:	<u> Visa </u>	<u> MC </u>	Payment Amt \$	
Card #:			Card Code #:	
Exp. Date:				
Cardholder's Signature				

****Payment Terms: Net 30 Days, with 1.5 % Finance Fee after 30 Days, We reserve the right to stop work on clients with outstanding balances.**

Billing Documentation

Invoice Number: 20170254
Invoice Date: May 01, 2017

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Billing Group: 08 Cost Plus Additional Services

Outside Services

	<u>Date</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Unit Markup</u>	<u>Multiplier</u>	<u>Unit Rate</u>	<u>Charge</u>
Outside Professional Services	2/27/2017	1.00	1,420.00	0.00	1.1000	1,562.00	\$1,562.00
Total Outside Services							\$1,562.00

July 10, 2018

Invoice Number: 20180430

Invoice

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169
Attention: Amy M. Salowitz, Clerk

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Detail of Charges for: Design

Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Construction Cost:	\$0.00
% of Construction Cost:	0.00
Contract Amount:	\$201,000.00
Percent Complete:	89.55
Fee Earned:	\$180,000.00
Prior Fee Billings:	\$175,000.05

Current Fee Total:	\$4,999.95
--------------------	------------

Subtotal of Charges for : Design	\$4,999.95
---	-------------------

Detail of Charges for: Additional Services

Professional Services

	<u>Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate	0.50	\$120.00	\$60.00
			<u>\$60.00</u>

Subtotal of Charges for : Additional Services	\$60.00
--	----------------

Detail of Charges for: Value Engineering Services

Professional Services

	<u>Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate	29.00	\$120.00	\$3,480.00
Sr. Technician	9.50	\$85.00	\$807.50
			<u>\$4,287.50</u>

Subtotal of Charges for : Value Engineering Services	\$4,287.50
---	-------------------

Wolverine Engineers & Surveyors, Inc.

Project: 15-0052

Invoice: 20180430

July 10, 2018

Page 2 of 2

***** Total Project Invoice Amount**

\$9,347.45

***All Credit Card Payments over \$2,500.00 are subject to a 2% service fee.**

Credit Card Payment Type: Visa MC Payment Amt \$ _____

Card #: _____ Card Code #: _____

Exp. Date: _____

Cardholder's Signature _____

Phone# _____

****Payment Terms: Net 30 Days, with 1.5 % Finance Fee after 30 Days, We reserve the right to stop work on clients with outstanding balances.**

Billing Documentation

Invoice Number: 20180430
Invoice Date: July 10, 2018

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Billing Group: 02 % of Construction Design

Billing Group: 08 Cost Plus Additional Services

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Joseph C. White, P.E.	Administration	2/5/2018	0.50	120.00	\$60.00
Coordinate conferece call with Ryan Dunning and Village to discuss contamination concerns					
Total Professional Services			<hr/> 0.50		<hr/> \$60.00

Billing Group: 10 Cost Plus Value Engineering Services

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Joseph C. White, P.E.	Administration	5/29/2018	7.00	120.00	\$840.00
Prepared for and met with Reliance Building Company to discuss value engineering options					
Joseph C. White, P.E.	Meeting-Field/Office	5/30/2018	4.00	120.00	\$480.00
Value engineering meeting with Village					
Joseph C. White, P.E.	Phone Calls	5/31/2018	1.50	120.00	\$180.00
Value engineering calls with Mike Hughes, Joe Moore and Randy Hamlett					
Joseph C. White, P.E.	Drafting Revisions	6/1/2018	3.50	120.00	\$420.00
Value engineering screen building location redesign					
Joseph C. White, P.E.	Computations-Office/Field	6/4/2018	4.00	120.00	\$480.00
Value engineering					
Joseph C. White, P.E.	Meeting-Field/Office	6/6/2018	4.00	120.00	\$480.00
Meetings with Carney and Sewer Committee to discuss easements and value engineering					
James M. Schineman	Drafting	6/8/2018	3.00	85.00	\$255.00
Pump Station No 1 easement drawings acroos Carney Enterprises parcel					
Joseph C. White, P.E.	Meeting-Field/Office	6/11/2018	1.50	120.00	\$180.00
Meeting with Dave Stoker and Sarah Osburn to discuss Carney easement					

Wolverine Engineers & Surveyors, Inc
Project: 15-0052

Invoice: 20180430
July 10, 2018
Page 2 of 2

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
James M. Schineman	Easements	6/11/2018	1.00	85.00	\$85.00
revise Carney Enterprises easement documents					
Joseph C. White, P.E.	Writing/Editing	6/12/2018	0.50	120.00	\$60.00
Email regarding Carney easement					
Joseph C. White, P.E.	Easements	6/12/2018	1.50	120.00	\$180.00
Carney easement					
James M. Schineman	Easements	6/12/2018	5.50	85.00	\$467.50
revise Carney Enterprises easement documents					
Joseph C. White, P.E.	Administration	6/21/2018	1.50	120.00	\$180.00
Reviewed Carney easement and modified drawing					
Total Professional Services			<hr/> 38.50		<hr/> \$4,287.50

August 22, 2018

Invoice Number: 20180545

Invoice

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169
Attention: Amy M. Salowitz, Clerk

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Detail of Charges for: Value Engineering Services

Professional Services	<u>Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate	33.00	\$120.00	\$3,960.00
Sr. Technician	49.50	\$85.00	\$4,207.50
Tech. III	3.00	\$70.00	\$210.00
			<u>\$8,377.50</u>

Subtotal of Charges for : Value Engineering Services	\$8,377.50
---	-------------------

***** Total Project Invoice Amount** **\$8,377.50**

***All Credit Card Payments over \$2,500.00 are subject to a 2% service fee.**

Credit Card Payment Type:	<u>Visa</u>	<u>MC</u>	Payment Amt \$	_____
Card #:	_____		Card Code #:	_____
Exp. Date:	_____	Cardholder's Signature	_____	Phone# _____

****Payment Terms: Net 30 Days, with 1.5 % Finance Fee after 30 Days, We reserve the right to stop work on clients with outstanding balances.**

Billing Documentation

Invoice Number: 20180545
 Invoice Date: August 22, 2018

To: Village of Pinckney
 220 S. Howell
 Pinckney, MI 48169

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Billing Group: 10 Cost Plus Value Engineering Services

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Joseph C. White, P.E.	Engineers Estimate	7/10/2018	2.50	120.00	\$300.00
Refined the potential savings to be realized by making modifications contemplated in the proposed Carney easement and then emailed the numbers to Linda.					
Joseph C. White, P.E.	Easements	7/11/2018	2.50	120.00	\$300.00
Discussed easement document with Mike, then with Mike and Scott, and finally with Mike, Scott, and Sarah Osburn					
James M. Schineman	Easements	7/11/2018	0.50	85.00	\$42.50
revise easement per Village DPW					
James M. Schineman	Easements	7/12/2018	0.50	85.00	\$42.50
revise easement documents per DPW					
James M. Schineman	Design-Office	7/13/2018	5.00	85.00	\$425.00
redesign of grading, utilities & layout of screening building					
James M. Schineman	Design-Office	7/16/2018	2.00	85.00	\$170.00
redesign of grading, utilities & layout of screening building					
James M. Schineman	Design-Office	7/19/2018	8.00	85.00	\$680.00
redesign of grading, utilities & layout of screening building					
James M. Schineman	Design-Office	7/20/2018	8.00	85.00	\$680.00
redesign of grading, utilities & layout of screening building					
James M. Schineman	Design-Office	7/23/2018	6.00	85.00	\$510.00
redesign screen building utilities & grades, update construction drawings					
James M. Schineman	Design-Office	7/25/2018	2.00	85.00	\$170.00
Joseph C. White, P.E.	Flow Eval.-Data Analysis	7/26/2018	1.50	120.00	\$180.00
Screening Building pipe calcs					
Joseph C. White, P.E.	Administration	8/13/2018	7.00	120.00	\$840.00
Prepared for and met with Scott and Mike re: screening building value engineering changes and then met with Linda, Scott, and Mike to discuss Carney easement					
James M. Schineman	Change Orders	8/13/2018	4.00	85.00	\$340.00
revise construction plans for Change Order #1					
Paul T. Singles	Drafting	8/14/2018	1.50	70.00	\$105.00
helped Jim with some autocad changes to forcemain/site/building					
Joseph C. White, P.E.	Administration	8/14/2018	1.50	120.00	\$180.00
Reviewed and redlined final offer letter for Carney and legal description of final proposed easement					

Wolverine Engineers & Surveyors, Inc
Project: 15-0052

Invoice: 20180545

August 22, 2018

Page 2 of 2

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
James M. Schineman	Change Orders	8/14/2018	3.50	85.00	\$297.50
Joseph C. White, P.E.	Flow Eval.-Data Analysis	8/14/2018	5.50	120.00	\$660.00
Pipe cales to confirm new finish floor elevation of screening building allows gravity flow to aeration cell 1 and 2 and lagoon 1 and 2					
Paul T. Singles	Drafting	8/15/2018	1.50	70.00	\$105.00
helped Jim with some autocad changes to forcemain/site/building					
James M. Schineman	Change Orders	8/15/2018	2.50	85.00	\$212.50
Joseph C. White, P.E.	Design-Office	8/15/2018	5.50	120.00	\$660.00
Carney redesign					
James M. Schineman	Change Orders	8/16/2018	7.50	85.00	\$637.50
Joseph C. White, P.E.	Design-Office	8/16/2018	7.00	120.00	\$840.00
Carney redesign					
Total Professional Services			<hr/> 85.50	<hr/>	<hr/> \$8,377.50

October 05, 2018

Invoice Number: 20180654

Invoice

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169
Attention: Amy M. Salowitz, Clerk

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Detail of Charges for: Value Engineering Services

Professional Services

	<u>Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate	39.25	\$120.00	\$4,710.00
Design-Draft Person	32.00	\$70.00	\$2,240.00
Tech. III	3.00	\$70.00	\$210.00
Word Processing	0.50	\$45.00	\$22.50
			<u>\$7,182.50</u>

Outside Services

<u>Vendor/Expense</u>	<u>Bill Units</u>	<u>Unit Bill Rate</u>	<u>Charge</u>
Clark Trombley Randers Outside Professional Services	1.00	\$1,331.0000	\$1,331.00
			<u>\$1,331.00</u>

Subtotal of Charges for : Value Engineering Services **\$8,513.50**

***** Total Project Invoice Amount** **\$8,513.50**

***All Credit Card Payments over \$2,500.00 are subject to a 2% service fee.**

Credit Card Payment Type: Visa MC Payment Amt \$ _____
Card #: _____ Card Code #: _____
Exp. Date: _____
Cardholder's Signature _____ Phone# _____

****Payment Terms: Net 30 Days, with 1.5 % Finance Fee after 30 Days, We reserve the right to stop work on clients with outstanding balances.**

Billing Documentation

Invoice Number: 20180654
 Invoice Date: October 05, 2018

To: Village of Pinckney
 220 S. Howell
 Pinckney, MI 48169

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Billing Group: 10 Cost Plus Value Engineering Services

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Trent Powers	Drafting	8/20/2018	8.00	70.00	\$560.00
Joseph C. White, P.E.	Design-Office	8/20/2018	5.25	120.00	\$630.00
Value Engineering redesign					
Paul T. Singles	Drafting	8/21/2018	3.00	70.00	\$210.00
revisions to MEP base drawings, Mirrored elevations and moved viewports for proper display on plan sheets					
Trent Powers	Drafting	8/21/2018	7.00	70.00	\$490.00
Joseph C. White, P.E.	Design-Office	8/21/2018	8.00	120.00	\$960.00
Value Engineering redesign					
Trent Powers	Drafting	8/22/2018	4.00	70.00	\$280.00
Joseph C. White, P.E.	Meeting-Field/Office	8/22/2018	3.50	120.00	\$420.00
Prepared for and met with Robin Hyman to discuss value engineering changes					
Joseph C. White, P.E.	Administration	8/24/2018	4.00	120.00	\$480.00
reviewed revised drawings and updated bid tab for contractors to complete					
Trent Powers	Drafting	8/27/2018	6.50	70.00	\$455.00
Joseph C. White, P.E.	Administration	8/27/2018	8.00	120.00	\$960.00
Reviewed revised plans and updated quantity sheet					
Trent Powers	Drafting	8/28/2018	6.50	70.00	\$455.00
Joseph C. White, P.E.	Administration	8/28/2018	3.50	120.00	\$420.00
Finalized value engineering bid tab spreadsheet and emailed to Rothenberger and Reliance					
Joseph C. White, P.E.	Meeting-Field/Office	8/28/2018	3.50	120.00	\$420.00
Prepared for and attended meeting with MDEQ and DPW to discuss permit modification					
Janice Rogers	Printing/Binding/Mailing	9/5/2018	0.50	45.00	\$22.50
UPS Pkg. Prep. and address research to Alliance Bldg. C.					
Joseph C. White, P.E.	Phone Calls	10/3/2018	2.50	120.00	\$300.00
Phone calls with Lynn Natzie, Linda, and Andy Granskog and then again with Lynn, Dan Rothenberger, Andy, Linda, Scott and Mike regarding value engineering repricing					
Joseph C. White, P.E.	Administration	10/4/2018	1.00	120.00	\$120.00
Reviewed revised bid from Reliance					

Total Professional Services

74.75

\$7,182.50

Project: 15-0052

Invoice: 20180654

October 05, 2018

Page 2 of 2

Outside Services

	<u>Date</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Unit Markup</u>	<u>Multiplier</u>	<u>Unit Rate</u>	<u>Charge</u>
Outside Professional Services	9/10/2018	1.00	1,210.00	0.00	1.1000	1,331.00	\$1,331.00
Total Outside Services							\$1,331.00

November 16, 2018

Invoice Number: 20180792

Invoice

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169
Attention: Amy M. Salowitz, Clerk

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Detail of Charges for: Value Engineering Services

Professional Services

	<u>Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate	9.25	\$120.00	\$1,110.00
			<u>\$1,110.00</u>

Subtotal of Charges for : Value Engineering Services	\$1,110.00
---	-------------------

***** Total Project Invoice Amount \$1,110.00**

***All Credit Card Payments over \$2,500.00 are subject to a 2% service fee.**

Credit Card Payment Type: Visa MC Payment Amt \$ _____

Card #: _____ Card Code #: _____

Exp. Date: _____

Cardholder's Signature _____

Phone# _____

****Payment Terms: Net 30 Days, with 1.5 % Finance Fee after 30 Days, We reserve the right to stop work on clients with outstanding balances.**

Billing Documentation

Invoice Number: 20180792
Invoice Date: November 16, 2018

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Billing Group: 10 Cost Plus Value Engineering Services

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Joseph C. White, P.E.	Writing/Editing	10/8/2018	0.75	120.00	\$90.00
Reviewed Linda's letter to Council					
Joseph C. White, P.E.	Administration	10/10/2018	0.50	120.00	\$60.00
Emails regarding Village commitment of contingency funds					
Joseph C. White, P.E.	Administration	10/11/2018	4.00	120.00	\$480.00
Prepared Change Order 1 for both contracts					
Joseph C. White, P.E.	Administration	10/17/2018	1.00	120.00	\$120.00
Worked on Change Orders					
Joseph C. White, P.E.	Administration	10/18/2018	1.00	120.00	\$120.00
Worked on Change Orders					
Joseph C. White, P.E.	Drafting Revisions	10/22/2018	2.00	120.00	\$240.00
Revised color coded right-of-way map to reflect Carbey easement and vacation of N Marion Street					
Total Professional Services			9.25		\$1,110.00

April 30, 2019

Invoice Number: 20190246

Invoice

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169
Attention: Amy M. Salowitz, Clerk

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Detail of Charges for: Construction

Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Contract Amount:	\$167,000.00
Percent Complete:	10.00
Fee Earned:	\$16,700.00
Prior Fee Billings:	\$4,000.00

Current Fee Total:	\$12,700.00
--------------------	-------------

Subtotal of Charges for : Construction	\$12,700.00
---	--------------------

Detail of Charges for: Additional Services

Professional Services	<u>Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Administrative Tech	1.50	\$55.00	\$82.50
Professional Engineer	9.50	\$135.00	\$1,282.50
			<u>\$1,365.00</u>

Subtotal of Charges for : Additional Services	\$1,365.00
--	-------------------

*** Total Project Invoice Amount	<u>\$14,065.00</u>
---	---------------------------

Wolverine Engineers & Surveyors, Inc.

Project: 15-0052

Invoice: 20190246

April 30, 2019

Page 2 of 2

***All Credit Card Payments over \$2,500.00 are subject to a 2% service fee.**

Credit Card Payment Type: Visa MC Payment Amt \$ _____

Card #: _____ Card Code #: _____

Exp. Date: _____

Cardholder's Signature _____

Phone# _____

****Payment Terms:** Net 30 Days, with 1.5 % Finance Fee after 30 Days, We reserve the right to stop work on clients with outstanding balances.

Billing Documentation

Invoice Number: 20190246
Invoice Date: April 30, 2019

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Billing Group: 03 Fixed Fee Construction

Billing Group: 08 Cost Plus Additional Services

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Joseph C. White, P.E.	Administration	2/14/2019	2.00	135.00	\$270.00
Worked with Dan Chenoweth on dewatering plan and permit requirements					
Joseph C. White, P.E.	Meeting-Field/Office	2/20/2019	1.50	135.00	\$202.50
MDEQ meeting					
Joseph C. White, P.E.	Plan Review	2/21/2019	0.50	135.00	\$67.50
emails					
Joseph C. White, P.E.	Administration	2/26/2019	1.50	135.00	\$202.50
Pulled resident list together affected by dewatering					
Joseph C. White, P.E.	Meeting-Field/Office	3/11/2019	4.00	135.00	\$540.00
Prepared for and attended dewatering meeting with residents					
Janice Rogers	Typing	4/26/2019	1.50	55.00	\$82.50
Merl w/JCW					
Total Professional Services			<hr/> 11.00		<hr/> \$1,365.00

July 03, 2019

Invoice Number: 20190443

Invoice

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169
Attention: Jill Chapman, Clerk

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Detail of Charges for: Design

Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Contract Amount:	\$206,000.00
Percent Complete:	92.23
Fee Earned:	\$189,999.98
Prior Fee Billings:	\$185,000.00

Current Fee Total:	\$4,999.98
--------------------	------------

Subtotal of Charges for : Design	\$4,999.98
---	-------------------

Detail of Charges for: Construction

Contract Amount:	\$167,000.00
Percent Complete:	20.00
Fee Earned:	\$33,400.00
Prior Fee Billings:	\$16,700.00

Current Fee Total:	\$16,700.00
--------------------	-------------

Subtotal of Charges for : Construction	\$16,700.00
---	--------------------

Detail of Charges for: Additional Services

Professional Services

Professional Engineer

<u>Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
8.50	\$135.00	\$1,147.50
		<u>\$1,147.50</u>

Reimbursables

Vendor/Expense

Bill Units

Unit Bill Rate

Charge

Permits&Fees

1.00

\$448.8000

\$448.80

\$448.80

Project: 15-0052

July 03, 2019

Subtotal of Charges for : Additional Services

***** Total Project Invoice Amount**

\$23,296.28

Credit Card Payment Type: Visa MC Payment Amt \$

Card #: _____ Card Code #: _____

Exp. Date: _____

Cardholder's Signature _____ Phone# _____

****Payment Terms:** Net 30 Days, with 1.5 % Finance Fee after 30 Days, We reserve the right to stop work on clients with outstanding balances.

Billing Documentation

Invoice Number: 20190443
Invoice Date: July 03, 2019

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Billing Group: 02 Fixed Fee Design

Billing Group: 03 Fixed Fee Construction

Billing Group: 08 Cost Plus Additional Services

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Joseph C. White, P.E.	Meeting-Field/Office	5/7/2019	4.50	135.00	\$607.50
Prepared for and met with Kimberly and Scott to sort out reimbursement request					
Joseph C. White, P.E.	Meeting-Field/Office	5/22/2019	4.00	135.00	\$540.00
Met with Brent Bodnar and Nathaniel to grab first water sample and go over progress to date					
Total Professional Services			8.50		\$1,147.50

Reimbursables

	<u>Date</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Unit Markup</u>	<u>Multiplier</u>	<u>Unit Rate</u>	<u>Charge</u>
Permits&Fees	5/6/2019	1.00	408.00	0.00	1.1000	448.80	\$448.80
Total Reimbursables							\$448.80

SECTION 00 0028.02

EJCDC E-500 - EXHIBIT K AMENDMENT 2

This is **EXHIBIT K**, consisting of **2** page(s), referred to in and part of the Agreement between Owner and Engineer for Professional Services dated **February 26, 2018**.

AMENDMENT TO OWNER-ENGINEER AGREEMENT

Amendment No. 2

The Effective Date of this Amendment is: _____.

Background Data

Effective Date of Owner-Engineer Agreement: **February 26, 2018**

Owner: **Village of Pinckney**

Engineer: **Wolverine Engineers & Surveyors, Inc.**

Project: **Pump Station Replacement, Forcemain Replacement, and Screening Building, Contracts 1 and 2**

Nature of Amendment:

☒ Additional Services to be performed by Engineer

Description of Modifications:

1. **Costs agreed to at sewer committee meeting on January 20, 2020 for design and construction related services associated with Pump Station 1 issues. Total = \$25,924.70. (Actual costs are slightly less than the \$20,161.00 projected at the meeting). Additional costs to date of \$3,117.50 will be written off and not invoiced.**
2. **Estimated costs agreed to at sewer committee meeting on January 20, 2020 for Material and Vibration Testing. Total = \$20,000.00.**

Agreement Summary:

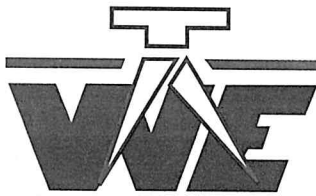
Original agreement amount:	\$391,000.00
Net change for prior amendments:	\$8,871.80
This amendment amount:	\$45,924.70
Adjusted Agreement amount:	\$445,796.50
Change in time for services (days or date, as applicable):	<u>N/A</u>

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect.

OWNER:			ENGINEER:	
By:			By:	
Print name:	Linda Lavey		Print name:	Joseph C. White, PE
Title:	Village President		Title:	Project Engineer
Date Signed:			Date Signed:	

END OF SECTION



Wolverine Engineers & Surveyors, Inc.

312 North Street • Mason, Michigan 48854 • 517.676.9200 • Fax 517.676.9396

March 09, 2020

Invoice Number: 20200133

Invoice

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169
Attention: Jill Chapman, Clerk

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI
Manager: Joseph C. White, P.E.

Detail of Charges for: Additional Services

Materials Testing

Professional Services

	<u>Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
2-Man Field Crew	5.25	\$130.00	\$682.50
Geotechnical Engineering - 1	8.00	\$95.00	\$760.00
Professional Engineer	44.00	\$135.00	\$5,940.00
Project Mgr.	44.00	\$120.00	\$5,280.00
Tech. III	91.50	\$80.00	\$7,320.00
			<u>\$19,982.50</u>

Outside Services

<u>Vendor/Expense</u>	<u>Bill Units</u>	<u>Unit Bill Rate</u>	<u>Charge</u>
Professional Service Industries, Inc. Outside Professional Serv	6.00	\$971.6667	\$5,830.00
			<u>\$5,830.00</u>

Reimbursables

<u>Vendor/Expense</u>	<u>Bill Units</u>	<u>Unit Bill Rate</u>	<u>Charge</u>
Mileage - Co. Vehicle	204.00	\$0.5500	\$112.20
			<u>\$112.20</u>

Subtotal of Charges for : Additional Services

\$25,924.70

*** Total Project Invoice Amount

\$25,924.70



Wolverine Engineers & Surveyors, Inc.

312 North Street • Mason, Michigan 48854 • 517.676.9200 • Fax 517.676.9396
Wolverine Engineers & Surveyors, Inc.

Project: 15-0052

Invoice: 20200133

March 09, 2020

Page 2 of 2

***All Credit Card Payments over \$2,500.00 are subject to a 2% service fee.**

Credit Card Payment Type: ☐ Visa ☐ MC Payment Amt \$ _____

Card #: _____ Card Code #: _____

Exp. Date: _____

Cardholder's Signature _____

Phone# _____

****Payment Terms: Net 30 Days, with 1.5 % Finance Fee after 30 Days, We reserve the right to stop work on clients with outstanding balances.**

Billing Documentation

Invoice Number: 20200133
Invoice Date: March 09, 2020

To: Village of Pinckney
220 S. Howell
Pinckney, MI 48169

Project: 15-0052 Pump Station, Force Main and Screening Building - Village of Pinckney, Livingston Co., MI

Manager: Joseph C. White, P.E.

Billing Group: 08 Cost Plus Additional Services

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Daniel J. Wisinski	Soil Borings	9/5/2019	10.00	120.00	\$1,200.00
Daniel J. Wisinski	Soil Borings	9/6/2019	10.00	120.00	\$1,200.00
Joseph C. White, P.E.	Easements	9/25/2019	1.50	135.00	\$202.50
Drafted 501 S Howell easement					
Daniel J. Wisinski	Writing/Editing	9/26/2019	4.00	120.00	\$480.00
Daniel J. Wisinski	Writing/Editing	9/27/2019	4.00	120.00	\$480.00
Joseph C. White, P.E.	Easements	10/3/2019	1.00	135.00	\$135.00
Worked on slotnick easement (501 S Howell)					
Paul T. Singles	Process Data	10/14/2019	6.00	80.00	\$480.00
soil borings and dewatering wells, compare and draw in autocad					
Paul T. Singles	Drafting	10/15/2019	5.00	80.00	\$400.00
continue drawing soil borings in cad (Profile view) for comparing					
Paul T. Singles	Drafting	10/16/2019	3.50	80.00	\$280.00
bring in points for dewatering well and soil borings don by McDowell to determine locations and elevations for comparison					
Paul T. Singles	Drafting	10/17/2019	4.00	80.00	\$320.00
scaling and notes to finish profile view of borings and dewatering well profile					
Joseph C. White, P.E.	Administration	10/18/2019	1.00	135.00	\$135.00
Reviewed soil boring logs					
Joseph C. White, P.E.	Design-Office	10/21/2019	2.00	135.00	\$270.00
Looked into redesign options for wetwell					
Daniel J. Wisinski	Administration	10/24/2019	8.00	120.00	\$960.00
Joseph C. White, P.E.	Meeting-Field/Office	10/24/2019	4.00	135.00	\$540.00
Prepared for and attended dewatering meeting with village president, staff and attorney					
Daniel J. Wisinski	Meeting-Field/Office	10/28/2019	4.00	120.00	\$480.00
Daniel J. Wisinski	Meeting-Field/Office	10/29/2019	4.00	120.00	\$480.00
Daniel J. Wisinski	Meeting-Field/Office	11/11/2019	4.00	95.00	\$380.00
Daniel J. Wisinski	Meeting-Field/Office	11/14/2019	4.00	95.00	\$380.00
Joseph C. White, P.E.	Meeting-Field/Office	11/18/2019	7.00	135.00	\$945.00
Met with Reliance and then attended Council meeting					
Paul T. Singles	Drafting	11/19/2019	7.00	80.00	\$560.00
drafting of possible wetwell/pump station layout, eliminating suction casings					

Wolverine Engineers & Surveyors,
Project: 15-0052

Invoice: 20200133
March 09, 2020
Page 2 of 3

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Joseph C. White, P.E.	Drafting Revisions	11/19/2019	2.00	135.00	\$270.00
Worked on pump station redesign concepts					
Paul T. Singles	Drafting	11/20/2019	8.00	80.00	\$640.00
drafting of possible wetwell/pump station layout, eliminating suction casings					
Paul T. Singles	Drafting	11/21/2019	5.50	80.00	\$440.00
pump station redesign, piping arrangement					
Paul T. Singles	Drafting	11/22/2019	7.50	80.00	\$600.00
process data using field data of trenchbox current location and elevation points, data from Matt C. and Mat L. included photos, gps shots and hand drawn sketches.					
Joseph C. White, P.E.	Meeting-Field/Office	11/22/2019	3.00	135.00	\$405.00
Prepared for and met with Reliance					
Paul T. Singles	Meeting-Field/Office	11/22/2019	2.00	80.00	\$160.00
pump station redesign, piping arrangement, met with Lynn N. and Dan C. (reliance), concerning plan for dewatering/installing pump station wetwell. Went over wetwell reconfigure, piping reconfigure and possible dewatering methods necessary for installation. Also went over possible re-route of gravity piping to minimize bypass pumping					
Mathew Lothamer	Travel-Job Related	11/22/2019	1.50	130.00	\$195.00
65 miles - van #114					
Matthew Chamberlain	Travel-Job Related	11/22/2019	0.75	130.00	\$97.50
37 miles, truck 109					
Paul T. Singles	Process Data	11/25/2019	5.00	80.00	\$400.00
download point data from pump station site topo of trench box and excavated shelf,					
Paul T. Singles	Process Data	11/26/2019	3.00	80.00	\$240.00
download, edit and import new topo point data for pump station site for meeting with Reliance concerning existing ground, ground water, and trench box elevations					
Joseph C. White, P.E.	Meeting-Field/Office	12/4/2019	3.00	135.00	\$405.00
Meeting with Village and Reliance to discuss pump station options					
Paul T. Singles	Meeting-Field/Office	12/4/2019	1.50	80.00	\$120.00
with Joe onsite for project status and measurements, meeting at Village Offices to go over plan at pump station site, pay app discussion					
Paul T. Singles	Travel-Job Related	12/4/2019	1.50	80.00	\$120.00
truck 105, 75 miles, also stop at Mann St project to grab measurements of drive approaches					
Paul T. Singles	Drafting	12/7/2019	3.00	80.00	\$240.00
drawing and email of tie-in plan at screening building site, due to delays at pump station site					
Paul T. Singles	Drafting	12/9/2019	3.00	80.00	\$240.00
drawing and email of tie-in plan at screening building site, due to delays at pump station site					
Joseph C. White, P.E.	Administration	12/10/2019	1.00	135.00	\$135.00
Joseph C. White, P.E.	Meeting-Field/Office	12/18/2019	3.00	135.00	\$405.00
Meeting with Reliance and Village					
Paul T. Singles	Drafting	1/6/2020	8.50	80.00	\$680.00
re-design of wetwell and piping PS-1					
Paul T. Singles	Drafting	1/8/2020	5.00	80.00	\$400.00
redraw wet well and piping, section cuts, modify sections					
Paul T. Singles	Drafting	1/9/2020	6.00	80.00	\$480.00
working in pump station piping sheet with updated section cuts, redrawing vent/drain piping and changing notes					
Paul T. Singles	Drafting	1/10/2020	4.50	80.00	\$360.00
final changes prior to meeting with Joe, Mike H. and Brent Bodnar Downtown Lansing, Mike Hughes and I rode with Joe to meeting					
Joseph C. White, P.E.	Meeting-Field/Office	1/10/2020	5.00	135.00	\$675.00
Meeting with Brent Bodnar then brainstorming session with Village					
James P. Turner	Meeting-Field/Office	1/10/2020	2.00	80.00	\$160.00

Wolverine Engineers & Surveyors,
Project: 15-0052

Invoice: 20200133
March 09, 2020
Page 3 of 3

Professional Services

	<u>Job Code</u>	<u>Date</u>	<u>Billed Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
meet with mike and joe					
Joseph C. White, P.E.	Meeting-Field/Office	1/13/2020	4.00	135.00	\$540.00
Meeting to discuss dewatering efforts and current excavation elevation					
Matthew Chamberlain	Survey-Field Measure	1/13/2020	1.75	130.00	\$227.50
topo inside trench box, w/ jim					
Matthew Chamberlain	Travel-Job Related	1/13/2020	1.25	130.00	\$162.50
64 miles, van 111, w/ jim					
Joseph C. White, P.E.	Design-Office	1/15/2020	2.50	135.00	\$337.50
Worked on redesign of pump station and then sent email to Joe Moore requesting review of proposed wetwell elevations.					
Joseph C. White, P.E.	Design-Office	1/17/2020	2.00	135.00	\$270.00
Pump station redesign					
Joseph C. White, P.E.	Administration	1/20/2020	2.00	135.00	\$270.00
Prepared for sewer committee and council meetings					

Total Professional Services

192.75 \$19,982.50

Outside Services

	<u>Date</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Unit Markup</u>	<u>Multiplier</u>	<u>Unit Rate</u>	<u>Charge</u>
Outside Professional Services	7/5/2019	1.00	2,225.00	0.00	1.1000	2,447.50	\$2,447.50
Outside Professional Services	8/6/2019	1.00	450.00	0.00	1.1000	495.00	\$495.00
Outside Professional Services	9/5/2019	1.00	925.00	0.00	1.1000	1,017.50	\$1,017.50
Outside Professional Services	10/7/2019	1.00	725.00	0.00	1.1000	797.50	\$797.50
Outside Professional Services	11/7/2019	1.00	875.00	0.00	1.1000	962.50	\$962.50
Outside Professional Services	12/5/2019	1.00	100.00	0.00	1.1000	110.00	\$110.00
							\$5,830.00

Total Outside Services

Reimbursables

	<u>Date</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Unit Markup</u>	<u>Multiplier</u>	<u>Unit Rate</u>	<u>Charge</u>
Mileage - Co. Vehicle	11/22/2019	65.00	0.00	0.55	1.0000	0.55	\$35.75
Mileage - Co. Vehicle	12/4/2019	75.00	0.00	0.55	1.0000	0.55	\$41.25
Mileage - Co. Vehicle	1/13/2020	64.00	0.00	0.55	1.0000	0.55	\$35.20
							\$112.20

Total Reimbursables