



ANDERSON, ECKSTEIN & WESTRICK, INC.
CIVIL ENGINEERS SURVEYORS ARCHITECTS
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
 www.aewinc.com p(586)726-1234

INVOICE

RECEIVED

DEC 22 2022

November 30, 2022
 Project No: 0160-0458-0
 Invoice No: 0140990

CITY OF GROSSE POINTE WOODS
 ACCOUNTS PAYABLE
 20025 MACK AVENUE
 GROSSE POINTE WOODS, MI 48236-2397

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

Project 0160-0458-0 2022-2023 GIS MAINTENANCE

PURCHASE ORDER #22-47063

Professional Services from October 24, 2022 to November 20, 2022

Professional Personnel

PO 47063

#592-537-977.000

OK - J.K.
 SM 12/16/22

FS 12-16-22

	Hours	Rate	Amount
GIS UPDATES			
GRADUATE ENG/SUR/ARC			
MILLER, JEFFREY	.50	90.20	45.10
Addition of grease trap layer to GIS database			
MILLER, JEFFREY	.50	90.20	45.10
Addition of street sign and new tree data to Portal basemap			
MILLER, JEFFREY	1.00	90.20	90.20
Export of voter precinct map for Heidi Korte			
MILLER, JEFFREY	1.00	90.20	90.20
Water Main Break Updates			
ENGINEERING AIDE III			
KOWALCHICK, ANTHONY	.50	75.60	37.80
add meters to GIS			
KOWALCHICK, ANTHONY	3.90	75.60	294.84
add missing plan to GIS, add 2008 videos and adjust leads			
KOWALCHICK, ANTHONY	4.50	75.60	340.20
add parking meters to GIS			
KOWALCHICK, ANTHONY	10.90	75.60	824.04
add street signs to GIS			
KOWALCHICK, ANTHONY	3.70	75.60	279.72
finish adding meters to GIS			
KOWALCHICK, ANTHONY	.50	75.60	37.80
start adding meeters to GIS			
KOWALCHICK, ANTHONY	3.00	75.60	226.80
update Allard Ave, 2021 watermain replacement, and update manhole numbers			
KOWALCHICK, ANTHONY	1.80	75.60	136.08
update watermain breaks, add trees and remove trees			
Totals	31.80		2,447.88
Total Labor			2,447.88

Billing Limits	Current	Prior	To-Date
Total Billings	2,447.88	12,621.28	15,069.16
Limit			21,000.00
Remaining			5,930.84
Total this Invoice			\$2,447.88

Outstanding Invoices

Number	Date	Balance
0138742	9/13/2022	(684.06)
0140571	11/2/2022	6,821.22
Total		6,137.16

pd
12/8/22



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 CIVIL ENGINEERS SURVEYORS ARCHITECTS
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INVOICE

December 1, 2022
 Project No: 0160-0433-0
 Invoice No: 0140993

CITY OF GROSSE POINTE WOODS
 ACCOUNTS PAYABLE
 20025 MACK AVENUE
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0433-0 ALLARD RD RECON. CHESTER/HARPER (WCL)

PURCHASE ORDER #21-46705 - \$190,000.00
 FOR: CONSTRUCTION OBSERVATION, CONTRACT ADMINISTRATION
Professional Services from October 24, 2022 to November 20, 2022
 Professional Personnel

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER	.50	111.20	55.60	
CONTRACT ADMINISTRATION				
LICENSED ENG/SUR/ARC	6.00	111.20	667.20	
TEAM LEADER	2.50	90.20	225.50	
ENGINEERING AIDE III	2.70	75.60	204.12	
CONSTRUCTION OBSERVATION				
ENGINEERING AIDE III	33.00	75.60	2,494.80	
Totals	44.70		3,647.22	
Total Labor				3,647.22

Billing Limits	Current	Prior	To-Date	
Total Billings	3,647.22	183,153.31	186,800.53	
Limit			190,000.00	
Remaining			3,199.47	
		Total this Invoice		\$3,647.22

Outstanding Invoices

Number	Date	Balance
0140548	11/3/2022	2,989.90
Total		2,989.90

Pd 12/18/22

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DEC 22 2022

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

*PO 46705
 #202-451-974-201 \$1,823.61
 #203-451-974-201 \$1,823.61
 OK - J.K.
 SM 12/16/22
 FI 12-16-22*



ANDERSON, ECKSTEIN & WESTRICK, INC.
 CIVIL ENGINEERS SURVEYORS ARCHITECTS
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INVOICE

December 1, 2022

Project No: 0160-0450-0
 Invoice No: 0140994

CITY OF GROSSE POINTE WOODS
 ACCOUNTS PAYABLE
 20025 MACK AVENUE
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0450-0 2022 MISC CONCRETE REPAIR PROGRAM

PURCHASE ORDER #22-47268 - \$104,000.00

FOR: CONTRACT ADMIN., AND CONSTRUCTION OBSERVATION

Professional Services from October 24, 2022 to November 20, 2022

Professional Personnel

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
TEAM LEADER	6.00	90.20	541.20	
ENGINEERING AIDE III	11.70	75.60	884.52	
ENGINEERING AIDE I	.40	60.40	24.16	
CONSTRUCTION OBSERVATION				
ENGINEERING AIDE III	78.00	75.60	5,896.80	
Totals	96.10		7,346.68	
Total Labor				7,346.68

Billing Limits	Current	Prior	To-Date	
Total Billings	7,346.68	37,056.37	44,403.05	
Limit			104,000.00	
Remaining			59,596.95	
		Total this Invoice		\$7,346.68

Outstanding Invoices

Number	Date	Balance
0140551	11/3/2022	19,150.48
Total		19,150.48

pd 12/18/22

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CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

*PO 47268
 # 202-451-974-201 \$ 3,085.61
 # 585-561-978-300 \$ 4,261.07
 OK - J.K.
 SM 12/10/22
 FS 12-16-22*



ANDERSON, ECKSTEIN & WESTRICK, INC.
 CIVIL ENGINEERS SURVEYORS ARCHITECTS
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

December 1, 2022

Project No: 0160-0453-0
 Invoice No: 0140995

CITY OF GROSSE POINTE WOODS
 ACCOUNTS PAYABLE
 20025 MACK AVENUE
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0453-0 2022 SEWER CCTV INVESTIGATION

PURCHASE ORDER #22-47271 - \$25,000.00
 FOR: CONTRACT ADMIN., UPDATING GIS, CCTV REVIEW

Professional Services from October 24, 2022 to November 20, 2022

Professional Personnel

	Hours	Rate	Amount	
QUANTITIES				
ENGINEERING AIDE II	1.50	66.90	100.35	
CONTRACT ADMINISTRATION				
TEAM LEADER	3.00	90.20	270.60	
ENGINEERING PLAN REVIEW				
GRADUATE ENG/SUR/ARC	3.00	90.20	270.60	
GIS UPDATES				
ENGINEERING AIDE III	28.00	75.60	2,116.80	
Totals	35.50		2,758.35	
Total Labor				2,758.35

Billing Limits	Current	Prior	To-Date	
Total Billings	2,758.35	19,675.19	22,433.54	
Limit			25,000.00	
Remaining			2,566.46	
		Total this Invoice		\$2,758.35

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CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

PO 47271
 # 592-537-975.004 JK
 SM 12/16/22
 FS 12-16-22



ANDERSON, ECKSTEIN & WESTRICK, INC.
 CIVIL ENGINEERS SURVEYORS ARCHITECTS
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

December 1, 2022

Project No: 0160-0454-0
 Invoice No: 0140996

CITY OF GROSSE POINTE WOODS
 ACCOUNTS PAYABLE
 20025 MACK AVENUE
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0454-0 2022 SEWER REHAB BY FULL LENGTH CIPP LIN
 PURCHASE ORDER #22-47272 - \$45,200.00
 FOR: CONTRACT ADMINISTRATION
Professional Services from October 24, 2022 to November 20, 2022

Professional Personnel

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
TEAM LEADER	2.00	90.20	180.40	
ENGINEERING AIDE III	4.40	75.60	332.64	
ENGINEERING AIDE I	.70	60.40	42.28	
Totals	7.10		555.32	
Total Labor				555.32

Billing Limits	Current	Prior	To-Date	
Total Billings	555.32	30,907.42	31,462.74	
Limit			45,200.00	
Remaining			13,737.26	
		Total this Invoice		\$555.32

PO 47272
 # 592-537-976.001
 ok - J.K
 Sm 12/16/22
 FS 12-16-22

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CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT



ANDERSON, ECKSTEIN & WESTRICK, INC.
 CIVIL ENGINEERS SURVEYORS ARCHITECTS
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

December 1, 2022

Project No: 0160-0459-0
 Invoice No: 0140997

CITY OF GROSSE POINTE WOODS
 ACCOUNTS PAYABLE
 20025 MACK AVENUE
 GROSSE POINTE WOODS, MI 48236-2397

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DEC 22 2022

Project 0160-0459-0 2022-2023 GENERAL ENGINEERING
 PURCHASE ORDER #22-47065 - \$15,000.00
Professional Services from October 24, 2022 to November 20, 2022

Professional Personnel

	Hours	Rate	Amount	
RESEARCH/REVIEW				
PRINCIPAL ENGINEER				
LOCKWOOD, SCOTT	2.00	111.20	222.40	
GENERAL				
LICENSED ENG/SUR/ARC				
WILBERDING, ROSS	1.50	111.20	166.80	
Act 51 non-motorized report				
WILBERDING, ROSS	2.50	111.20	278.00	
Meeting to discuss upcoming construction committee budget meetings, SRF ITA's				
WILBERDING, ROSS	1.50	111.20	166.80	
EV Charging station seminar				
WILBERDING, ROSS	.50	111.20	55.60	
Final draft of SRF ITA				
WILBERDING, ROSS	1.00	111.20	111.20	
Printing SRF ITA's for meeting with city. Starting construction budget spreadsheet for FY23				
Totals	9.00		1,000.80	
Total Labor				1,000.80

Billing Limits	Current	Prior	To-Date
Total Billings	1,000.80	4,247.84	5,248.64
Limit			15,000.00
Remaining			9,751.36

Total this Invoice \$1,000.80

Outstanding Invoices

Number	Date	Balance
0140555	11/3/2022	2,413.04
Total		2,413.04

Pd 12/12/22

*PO 47065
 # 101-441-818.000 \$333.60
 # 101-444-818.000 \$333.60
 # 592-537-818.000 \$333.60
 OK - J.K.
 SM 12/16/22*

FS 12-16-22



ANDERSON, ECKSTEIN & WESTRICK, INC.
 CIVIL ENGINEERS SURVEYORS ARCHITECTS
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

December 9, 2022
 Project No: 0160-0430-0
 Invoice No: 0141378

CITY OF GROSSE POINTE WOODS
 ACCOUNTS PAYABLE
 20025 MACK AVENUE
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0430-0 SEWER REHABILITATION - OPEN CUT
 FOR: CONSTRUCTION INSPECTION AND CONTRACT ADMINISTRATION
 PURCHASE ORDER #20-46059

Professional Services from October 24, 2022 to November 20, 2022

Professional Personnel

	Hours	Rate	Amount
CONTRACT ADMINISTRATION			
TEAM LEADER	4.00	90.20	360.80
ENGINEERING AIDE III	3.40	75.60	257.04
Totals	7.40		617.84
Total Labor			617.84

Billing Limits	Current	Prior	To-Date
Total Billings	617.84	122,011.28	122,629.12
Limit			175,000.00
Remaining			52,370.88
		Total this Invoice	\$617.84

Outstanding Invoices

Number	Date	Balance
0140696	11/10/2022	2,087.92
Total		2,087.92

pd 12/8/22

*PO 46059
 # 592-537-976.001
 OK - J.K.
 sm 12/14/22
 FS 12-16-22*

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DEC 22 2022

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT



ANDERSON, ECKSTEIN & WESTRICK, INC.
 CIVIL ENGINEERS SURVEYORS ARCHITECTS
 51301 SCHOENHERR RD. SHELBY TOWNSHIP, MI 48315
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INVOICE

December 9, 2022
 Project No: 0160-0435-0
 Invoice No: 0141379

CITY OF GROSSE POINTE WOODS
 ACCOUNTS PAYABLE
 20025 MACK AVENUE
 GROSSE POINTE WOODS, MI 48236-2397

Project 0160-0435-0 2021 MISC. CONCRETE REPAIR

P.O. 21-46682

FOR: CONSTRUCTION INSPECTION AND ADMINISTRATION

Professional Services from October 24, 2022 to November 20, 2022

Professional Personnel

	Hours	Rate	Amount	
CONTRACT ADMINISTRATION				
TEAM LEADER	3.00	90.20	270.60	
ENGINEERING AIDE III	.50	75.60	37.80	
Totals	3.50		308.40	
Total Labor				308.40

Billing Limits	Current	Prior	To-Date	
Total Billings	308.40	82,420.20	82,728.60	
Limit			109,000.00	
Remaining			26,271.40	
		Total this Invoice		\$308.40

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DEC 22 2022

CITY OF GROSSE POINTE WOODS
 CLERK'S DEPARTMENT

PO 46682
 # 202-451-974.201 \$ 70.93
 # 203-451-974.201 \$ 46.26
 # 585-561-978.300 \$ 120.28
 # 592-537-975.401 \$ 70.93
 OK - J.R.
 Sm 12/16/22
 RJ 12-16-22



ANDERSON, ECKSTEIN & WESTRICK, INC.

CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

01071 Schwaner Road, Grosse Pointe Woods, MI 48236
588.726.1239 | www.aew.com

December 15, 2022

Shawn Murphy
City of Grosse Pointe Woods
20025 Mack Avenue
Grosse Pointe Woods, MI 48236

RECEIVED

DEC 22 2022

Reference: Recommendation for Payment
Sewer System Evaluation
AEW Project No. 0160-0449

CITY OF GROSSE POINTE WOODS
CLERK'S DEPARTMENT

Dear Mrs. Murphy:

Enclosed please find the invoice for payment to HESCO for the above referenced project. For furnishing, installing and training on new level sensor devices we recommend issuing payment for the Amount Due of **\$68,050.00** to HESCO, 29770 Hudson Drive, Novi, MI, 48377.

If you have any questions, please advise.

Sincerely,

DocuSigned by:
Ross Wilberding
205B23CECB0242B...

Ross Wilberding, PE

cc: Jim Kowalski, DPW Director
Frank Schulte, City Administrator
Jeanne Duffy
Susan Como
HESCO

Enclosure: HESCO Invoice

PO 47035
592-537-977.000
OK - J.K
SM 12/22/22
FS 12-22-22

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Knowledgeable • Professional • Attentive • Likeable

29770 Hudson Drive Novi, MI 48377
 Phone: (586) 978-7200
 hesco-mi.com

Invoice No. 2213986

Date: 11/02/2022

Billed To: Grosse Pointe Woods, City of
 Accounts Payable
 20025 Mack Plaza Drive
 Grosse Pointe Woods MI 48236

Contract ID:
 HESCO Project: 20221970BS Grosse Pointe Woods Trimble Install

Contact: Ross Wilberding(AEW) P.O.# 22-47035

Salesperson: Aloysius Koszewski **Due Date:** 12/02/2022

Description	Unit	Qty	Rate	Amount
Trimble Ultrasonic Level RU-35, 2 analog, 2 digital, 2 comms inputs, HSPA, Ext Antenna Conn, Bluetooth, TRMB Act Smart Ultrasonic Transmitter Burial Antenna LTE Comm Cable for RU-35	Each	15.00	3,500.00	52,500.00
Trimble Data Service Data service Plan (Annual per site) Includes API to make data accessible to SCADA system	Each	15.00	250.00	3,750.00
HESCO Field Service Services of Confined Space Entry team to install the Trimble level Sensors	Days	2.00	5,000.00	10,000.00
HESCO Field Service One day of training and assistance with integrating data into SCADA system	Day	1.00	1,800.00	1,800.00

Notes:

Non-Taxable Amount:	11,800.00
Taxable Amount:	56,250.00
Sales Tax:	0.00
Total Invoice	68,050.00
Payments/Credits:	0.00
Amount Due	68,050.00