

*AEN 0160-0438* COUNCIL CLIPPING  
11-08-21

Motion by Granger, seconded by Koester, regarding **Sewer System Evaluation Strategy/Budget Amendment**, and **regarding Contract: 2021 Sewer Cleaning and C.C.T.V. Modification**, that these items be tabled.

Motion carried by the following vote:

Yes: Brown, Bryant, Gafa, Granger, Koester, McConaghy, Vaughn  
No: None  
Absent: None

## MEMO 21- 57

TO: Bruce Smith, City Administrator

FROM: Frank Schulte, Director of Public Services *F.S.*

DATE: October 26, 2021

SUBJECT: Recommendation – 2021 Sewer Cleaning and Closed-Circuit Television Investigation Program Modification – AEW Project No. 0160-0438

RECEIVED  
OCT 29 2021  
CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

On Tuesday, June 29, 2021, four bids were received for the 2021 Sewer Cleaning and Closed-Circuit Television Investigation Program. The lowest qualified bidder was Corby Energy Services, Inc. of Belleville, Michigan.

On Monday, August 2, 2021, City Council approved the contract with Corby Energy Services, Inc. in amount not to exceed \$218,375.00, including engineering fees.

As a result of the historic rainfall levels received on Friday, June 25, 2021 to Saturday, June 26, 2021, Anderson, Eckstein and Westrick, Inc. (AEW) contacted Corby Energy Services about expanding the scope of services. To complete the investigation of sewers in District 5 (west of Mack Ave., between south city limits and City Hall), where the Torrey Road Pump Station is located, an additional 32,300 feet of televising and cleaning will need to be completed (shown on attached map).

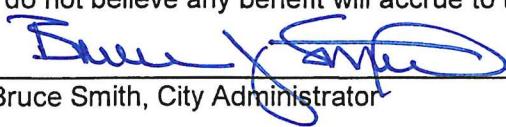
Corby Energy Services has agreed to extend the current unit bid prices to investigate the district that was affected in the June 2021 rain event. Considering the urgency in cleaning and investigating this area, I concur with AEW and I recommend to approve a contract modification for the 2021 Sewer Cleaning and Closed-Circuit Television Investigation Program to include the additional footage to Corby Energy Services, Inc., 6001 Schooner, Belleville, Michigan 48112 in the amount of \$51,562.50.

I recommend additional engineering fees that will be provided by Anderson, Eckstein and Westrick, Inc., 51301 Schoenherr Rd., Shelby Twp., MI 48315 in an amount not to exceed \$20,000.00 to cover the review of the added work. I further recommend a contingency in an amount not to exceed \$10,000.00 for any unforeseen problems should they arise. The total project modification will not exceed \$81,562.50.

This was not a budgeted item and will require a budget amendment from the Water/Sewer Fund Balance account no. 592-000-697.000 into the water/sewer sewer cleaning - construction account no. 592-537-975.005 in the amount of \$61,562.50 and the water/sewer sewer cleaning - engineering account no. 592-537-975.004 in the amount of \$20,000.00.

|   | Amount             | Account No.            |
|---|--------------------|------------------------|
| Water/Sewer Cleaning Construction             | \$51,562.50        | 592-537-975.005        |
| Water/Sewer Cleaning Construction Contingency | \$10,000.00        | 592-537-975.005        |
| <b>Total Construction</b>                     | <b>\$61,562.50</b> | <b>592-537-975.005</b> |
| Water/Sewer Cleaning Engineering              | \$20,000.00        | 592-537-975.004        |
| <b>Total Engineering</b>                      | <b>\$20,000.00</b> | <b>592-537-975.004</b> |
| <b>Total Project</b>                          | <b>\$81,562.50</b> |                        |

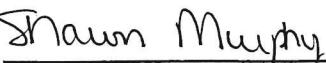
I do not believe any benefit will accrue to the City by seeking further bids. Approved for Council consideration.

  
Bruce Smith, City Administrator

*10/28/2021*

Date

Fund Certification:  
Account numbers and amounts have been verified as presented.

  
Shawn Murphy, Treasurer/Comptroller

*10-28-21*

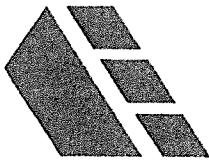
Date

PUBLIC WORKS ROTATING MAINTENANCE SCHEDULE

1-8-19

| DISTRICT<br>NO. | MAINTENANCE TASKS/YEAR |          |          |          |          |          |          |          |
|-----------------|------------------------|----------|----------|----------|----------|----------|----------|----------|
|                 | 2018                   | 2019     | 2020     | 2021     | 2022     | 2023     | 2024     | 2025     |
| 1               | WATER                  | TREES    | SIGNS    | CONCRETE | ASPHALT  | SEALING  | SEWER    | HYDRANTS |
| 2               | TREES                  | SIGNS    | CONCRETE | ASPHALT  | SEALING  | SEWER    | HYDRANTS | WATER    |
| 3               | SIGNS                  | CONCRETE | ASPHALT  | SEALING  | SEWER    | HYDRANTS | WATER    | TREES    |
| 4               | CONCRETE               | ASPHALT  | SEALING  | SEWER    | HYDRANTS | WATER    | TREES    | SIGNS    |
| 5               | ASPHALT                | SEALING  | SEWER    | HYDRANTS | WATER    | TREES    | SIGNS    | CONCRETE |
| 6               | SEALING                | SEWER    | HYDRANTS | WATER    | TREES    | SIGNS    | CONCRETE | ASPHALT  |
| 7               | SEWER                  | HYDRANTS | WATER    | TREES    | SIGNS    | CONCRETE | ASPHALT  | SEALING  |
| 8               | HYDRANTS               | WATER    | TREES    | SIGNS    | CONCRETE | ASPHALT  | SEALING  | SEWER    |





**ANDERSON, ECKSTEIN & WESTRICK, INC.**  
CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

October 19, 2021

Frank Schulte, Director  
Department of Public Works  
City of Grosse Pointe Woods  
1200 Parkway Drive  
Grosse Pointe Woods, Michigan 48236

**Reference: 2021 Sewer Cleaning and CCTV Investigation**  
AEW Project No. 0160-0438

Dear Frank:

At your request, we have contacted Corby Energy Services who is under contract for the above project about expanding the scope of services in adding additional cleaning and CCTV footage.

Corby has agreed to extend the current unit bid prices to add areas in the Torrey Road Pump Station drainage district that were affected in the June 2021 basement flooding.

Considering the urgency in cleaning and investigating those areas, and maintaining the current pricing, we feel it to be in the best interest of the City to process a contract modification for the additional footage while Corby is currently working. The cost of the additional work is estimated at \$51,562.50

In addition, we are recommending an increase of \$20,000.00 to the engineering budget to cover the inspection and CCTV review of the added work, for a total cost of \$71,562.50.

Please see the attached Contract Modification No. 1 for your review and approval.

Sincerely,

Frank D. Varicallli

Enclosure: Enclosure

cc: Scott Lockwood, PE, AEW

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## Contract Modification

Anderson, Eckstein and Westrick, Inc.

10/19/2021 10:31 AM

FieldManager 5.3c

Contract: .0160-0438, 2021 Sewer Cleaning and CCTV Investigation

| Cont. Mod. Number  | Revision Number | Cont. Mod. Date  | Electronic File Created | Net Change  | Awarded Contract Amount                            |  |  |  |
|--|-----------------|--|-------------------------|-------------|--|--|--|--|
| 1  | 1               | 10/19/2021   | No                      | \$51,562.50 | \$132,375.00                                       |  |  |  |
| Route  |                 | Managing Office<br>Anderson, Eckstein and Westrick, Inc. |                         |             | District<br>07539<br>Entered By<br>Michelle Ankawi |  |  |  |
| <b>Contract Location</b><br>2021 Sewer Cleaning and CCTV Investigation |                 |  |                         |             |  |  |  |  |
|  |                 |  |                         |             |  |  |  |  |

### Short Description

Add footage of sewers from 2021 basement flooding in the Torrey Rd Pump Station District

### Description of Changes

- A. Original Contract Amount: \$132,375.00
- B. Current Contract value (including this revision): \$183,937.50
- C. Net Total Change (B-A): \$51,562.50
- D. Net Percent Change (C/A\*100): 38.95%

### Increases / Decreases

| Item Description  | Item Code | Prop. Line | Proj. Line | Project   | Catg. | Item Type | Quantity Change | Unit | Unit Price | Dollar Value |
|---|-----------|------------|------------|-----------|-------|-----------|-----------------|------|------------|--------------|
| Cleaning 06 - 12 inch<br>Combined Sewers                              | 4027001   | 0010       | 0010       | 0160-0438 | 0000  | Original  | 3,600.000       | Ft   | 1.50000    | \$5,400.00   |
| Cleaning 15 - 21 inch<br>Combined Sewers                              | 4027001   | 0015       | 0015       | 0160-0438 | 0000  | Original  | 5,200.000       | Ft   | 1.75000    | \$9,100.00   |
| Cleaning 24 - 36 inch<br>Combined Sewers                              | 4027001   | 0020       | 0020       | 0160-0438 | 0000  | Original  | 1,100.000       | Ft   | 2.00000    | \$2,200.00   |
| Cleaning 42 - 48 inch<br>Combined Sewers                              | 4027001   | 0025       | 0025       | 0160-0438 | 0000  | Original  | 400.000         | Ft   | 2.50000    | \$1,000.00   |
| Final TV<br>Investigation and Log,<br>06 - 12 inch<br>Combined Sewers | 4027001   | 0030       | 0030       | 0160-0438 | 0000  | Original  | 3,500.000       | Ft   | 1.50000    | \$5,250.00   |



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### Increases / Decreases

| Item Description   | Item Code | Prop. Line | Proj. Line | Project   | Catg. | Item Type | Quantity Change | Unit | Unit Price | Dollar Value |
|--|-----------|------------|------------|-----------|-------|-----------|-----------------|------|------------|--------------|
| _ Final TV Investigation and Log, 15 - 21 inch Combined Sewers     | 4027001   | 0035       | 0035       | 0160-0438 | 0000  | Original  | 5,200.000       | Ft   | 1.50000    | \$7,800.00   |
| _ Final TV Investigation and Log, 24 - 36 inch Combined Sewers     | 4027001   | 0040       | 0040       | 0160-0438 | 0000  | Original  | 1,100.000       | Ft   | 1.50000    | \$1,650.00   |
| _ Final TV Investigation and Log, 42 - 48 inch Combined Sewers     | 4027001   | 0045       | 0045       | 0160-0438 | 0000  | Original  | 400.000         | Ft   | 2.00000    | \$800.00     |
| _ Final TV Investigation and Log, 54 inch Storm Sewers             | 4027001   | 0050       | 0050       | 0160-0438 | 0000  | Original  | 975.000         | Ft   | 3.00000    | \$2,925.00   |
| _ Final TV Investigation and Log, 60 inch Storm Sewers             | 4027001   | 0055       | 0055       | 0160-0438 | 0000  | Original  | -1,925.000      | Ft   | 3.00000    | \$-5,775.00  |
| _ Final TV Investigation and Log, 72 inch Storm Sewers (Man Entry) | 4027001   | 0060       | 0060       | 0160-0438 | 0000  | Original  | -550.000        | Ft   | 5.00000    | \$-2,750.00  |
| _ Heavy Cleaning 06 - 12 inch Combined Sewers                      | 4027001   | 0065       | 0065       | 0160-0438 | 0000  | Original  | 1,000.000       | Ft   | 1.00000    | \$1,000.00   |
| _ Heavy Cleaning 15 - 21 inch Combined Sewers                      | 4027001   | 0070       | 0070       | 0160-0438 | 0000  | Original  | 1,600.000       | Ft   | 1.00000    | \$1,600.00   |



## Contract Modification

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### Increases / Decreases

| Item Description                            | Item Code | Prop. Line | Proj. Line | Project   | Catg. | Item Type | Quantity Change | Unit | Unit Price | Dollar Value |
|---|-----------|------------|------------|-----------|-------|-----------|-----------------|------|------------|--------------|
| Heavy Cleaning 24 - 36 inch Combined Sewers | 4027001   | 0075       | 0075       | 0160-0438 | 0000  | Original  | 500.000         | Ft   | 1.00000    | \$500.00     |
| Heavy Cleaning 42 - 48 inch Combined Sewers | 4027001   | 0080       | 0080       | 0160-0438 | 0000  | Original  | 100.000         | Ft   | 1.00000    | \$100.00     |
| Mineral Deposit, Rem                        | 4027050   | 0085       | 0085       | 0160-0438 | 0000  | Original  | 50.000          | Ea   | 25.00000   | \$1,250.00   |
| Cutting Service Lead Protrusions            | 4037050   | 0090       | 0090       | 0160-0438 | 0000  | Original  | 5.000           | Ea   | 50.00000   | \$250.00     |
| Extra Heavy Cleaning                        | 8167040   | 0105       | 0105       | 0160-0438 | 0000  | Original  | 16.000          | Hr   | 325.00000  | \$5,200.00   |

Total Dollar Value: \$37,500.00

### New Items

| Item Description                 | Item Code | Prop. Line | Proj. Line | Project   | Catg. | Item Type | Proposed Quantity | Unit | Unit Price | Dollar Value |
|----------------------------------|-----------|------------|------------|-----------|-------|-----------|-------------------|------|------------|--------------|
| Cleaning 39 inch Combined Sewers | 4027001   | 0115       | 0115       | 0160-0438 | 0000  | Extra     | 1,950.000         | Ft   | 2.25000    | \$4,387.50   |

Reason: Additional footage for sewers

|  |         |      |      |           |      |       |         |    |         |          |
|--|---------|------|------|-----------|------|-------|---------|----|---------|----------|
| Heavy Cleaning 39-inch Combined Sewers | 4027001 | 0120 | 0120 | 0160-0438 | 0000 | Extra | 500.000 | Ft | 1.00000 | \$500.00 |
|--|---------|------|------|-----------|------|-------|---------|----|---------|----------|

Reason: Additional footage for sewers

|   |         |      |      |           |      |       |           |    |         |            |
|---|---------|------|------|-----------|------|-------|-----------|----|---------|------------|
| Final TV Investigation and Log, 39-inch Combined Sewers | 4027001 | 0125 | 0125 | 0160-0438 | 0000 | Extra | 1,950.000 | Ft | 1.50000 | \$2,925.00 |
|---|---------|------|------|-----------|------|-------|-----------|----|---------|------------|

Reason: Additional footage for sewers



## Contract Modification

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10/19/2021 10:31 AM

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### New Items

| Item Description                                       | Item Code | Prop. Line | Proj. Line | Project   | Catg. | Item Type | Proposed Quantity | Unit | Unit Price  | Dollar Value                    |
|--|-----------|------------|------------|-----------|-------|-----------|-------------------|------|-------------|---------------------------------|
| _ Final TV Investigation and Log, 63 inch Storm Sewers | 4027001   | 0130       | 0130       | 0160-0438 | 0000  | Extra     | 375.000           | Ft   | 5.00000     | \$1,875.00                      |
| Reason: Additional footage for sewers                  |           |            |            |           |       |           |                   |      |             |                                 |
| _ Final TV Investigation and Log, 66 inch Storm Sewers | 4027001   | 0135       | 0135       | 0160-0438 | 0000  | Extra     | 375.000           | Ft   | 5.00000     | \$1,875.00                      |
| Reason: Additional footage for sewers                  |           |            |            |           |       |           |                   |      |             |                                 |
| _ Deliverables   | 8267051   | 0140       | 0140       | 0160-0438 | 0000  | Extra     | 1.000             | LS   | 2,500.00000 | \$2,500.00                      |
| Reason: Additional footage for sewers                  |           |            |            |           |       |           |                   |      |             |                                 |
|  |           |            |            |           |       |           |                   |      |             | Total Dollar Value: \$14,062.50 |

### Project / Category Summary

| Project/Catg | Project/Category Description               | Federal Number | Project Status | Finance System | Control Section          | Dollar Value       |
|--------------|--|----------------|----------------|----------------|--------------------------|--------------------|
| 0160-0438    | 2021 Sewer Cleaning and CCTV Investigation |                | XMPT           | STUL           |                          |                    |
|              | 0000                                       |                |                |                |                          | \$51,562.50        |
|              |  |                |                |                | Total:                   | <u>\$51,562.50</u> |
|              |  |                |                |                | Total Net Change Amount: | <u>\$51,562.50</u> |



## Contract Modification

Anderson, Eckstein and Westrick, Inc.

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FieldManager 5.3c

If authorized, the contractor agrees to do the work outlined above under the direction of the Engineer, and to accept as payment in full the basis of payment as indicated. Prime Contractor, you are authorized and instructed as the contractor to do the work described herein in accordance with the terms of your contract.

|                               |      |                             |      |
|-------------------------------|------|-----------------------------|------|
| Frank D. Varicalli, AEW, Inc. |      | City of Grosse Pointe Woods |      |
| Signature                     | Date | Signature                   | Date |
| Corby Energy Services, Inc.   |      |                             |      |
| Signature                     | Date |                             |      |