City of Appleton

Meeting Agenda - Final Finance Committee

1. Call meeting to order
2. Pledge of Allegiance
3. Roll call of membership
4. Approval of minutes from previous meeting

24-0283 2/26/24 Finance Committee Meeting Minutes

Attachments: Meeting Minutes022624.pdf

## 5. Public Hearing/Appearances

## 6. Action Items

24-0284 Request to award Unit G-24 Southpoint Commerce Park Sewer \& Water, Grade \& Gravel to Carl Bowers \& Sons Inc in the amount of $\$ 2,301,282.52$ with a $2.8 \%$ contingency of $\$ 65,000$ for a project total not to exceed $\$ 2,366,282.52$.

## Attachments: Contract Award Form Unit G-24.pdf

G-24 bid tab.pdf
7. Information Items

24-0285 Change Order \#4 to Staab Construction contract as part of the AWWTP Phase I Belt Filter Press Equipment Upgrades Project totaling \$15,629 resulting in a decrease in contingency from $\$ 755,297$ to $\$ 739,668$.

Attachments: 240306 Finance Memo Staab Ph1BFP Change Orders No4.pdf
24-0286 Change Orders \#15 and \#16 to Miron Construction contract as part of the AWWTP Sludge Storage Building Addition Construction Project totaling $\$ 5,379$ resulting in a decrease in contingency from $\$ 522,005$ to $\$ 516,626$.

Attachments: 240306 Finance Memo SSB Addtion Miron Change Orders No15-16.pdf

## 8. Adjournment

Notice is hereby given that a quorum of the Common Council may be present during this meeting, although no Council action will be taken.

Reasonable Accommodations for Persons with Disabilities will be made upon Request and if Feasible.

Any questions regarding agenda, please contact Jeri Ohman at (920) 832-5742.

City of Appleton

## Meeting Minutes

Finance Committee

## Due to technical difficulties, the video for this meeting only has audio.

1. Call meeting to order
2. Pledge of Allegiance
3. Roll call of membership

Croatt appears remotely.
Present: 4- Firkus, Croatt, Hartzheim and Van Zeeland
Excused: 1- Fenton
4. Approval of minutes from previous meeting

24-0218 2/12/24 Finance Committee minutes

Attachments: $\quad$ Meeting Minutes021224.pdf
Hartzheim moved, seconded by Van Zeeland, that the Minutes be approved.
Roll Call. Motion carried by the following vote:
Aye: 4- Firkus, Croatt, Hartzheim and Van Zeeland
Excused: 1- Fenton
5. Public Hearing/Appearances
6. Action Items
Request to approve Resolution for Worker's Compensation Self-Insurance
Attachments: Resolution- Workers Comp Self-Insurance Memo.pdf
Hartzheim moved, seconded by Van Zeeland, that the Report Action Item be
recommended for approval. Roll Call. Motion carried by the following vote:
Aye: 4- Firkus, Croatt, Hartzheim and Van Zeeland
Excused: 1- Fenton

24-0220

24-0221

24-0222 Request to award the City of Appleton's 2024 Telulah Pavilion Renovation Project contract to RJM Construction, LLC. in the amount of $\$ 106,150$ with a $14 \%$ contingency of $\$ 15,000$ for a project total not to exceed $\$ 121,150$.

Attachments: $\quad \underline{2024 \text { Telulah Pavilion Renovations Project.pdf }}$

Hartzheim moved, seconded by Van Zeeland, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 4-Firkus, Croatt, Hartzheim and Van Zeeland
Excused: 1 - Fenton
24-0125 Request to accept funding to install a Kayak Launch at Telulah Park along with the following 2024 budget amendment ( $2 / 3$ vote of Council required):

## Park Open Space Fund

| Donations | $+\$ 13,500$ |
| :--- | :--- |
| Fund Balance Applied | $+\$ 15,000$ |
| Misc Equipment | $+\$ 28,500$ |

Attachments: $\quad 2024$ Kayak Launch.pdf
Van Zeeland moved, seconded by Hartzheim, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

Aye: 4 - Firkus, Croatt, Hartzheim and Van Zeeland

Excused: 1- Fenton

## 7. Information Items

24-0223
The following 2024 Budget adjustments were approved by the Finance Director in accordance with Policy:

## Reid Golf

Donations \& Materials $\quad+\$ 700$
Miscellaneous Equipment $\quad+\$ 700$
to record donation for youth program equipment

## General Funds - Parks

| Park Maintenance | $+\$ 3,090$ |
| :--- | :--- |
| Grounds Repair \& Maintenance | $+\$ 3,090$ |

to record donation for AED Equipment costs used in parks/pavilions
This item was presented.
8. Adjournment

Hartzheim moved, seconded by Van Zeeland, that this meeting be adjourned. Roll Call. Motion carried by the following vote:

Aye: 4- Firkus, Croatt, Hartzheim and Van Zeeland
Excused: 1- Fenton

## CITYOF APPLETON <br> Department of Public Works MEMORANDUM

TO:<br>Finance Committee<br>$\square$ Municipal Services Committee<br>$\square$<br>Utilities Committee

SUBJECT: Award of Contract

The Department of Public Works recommends that the following described work:
Unit G-24 Southpoint Commerce Park Sewer \& Water, Grade \& Gravel

Be awarded to:
Name: Carl Bowers \& Sons Construction Co
Address: N1844 Maloney Rd
Kaukauna, WI 54130

In the amount of : $\quad \$ 2,301,282.52$
With a $\quad 2.8$ \% contingency of : $\quad \$ 65,000.00$
For a project total not to exceed : $\$ 2,366,282.52$
** OR **

In an amount Not To Exceed :

| Budget: | $\$ 2,666,394.00$ |
| ---: | ---: |
| Estimate: | $\$ 3,000,000.00$ |
| Committee Date: | $03 / 11 / 24$ |
| Council Date: | $03 / 20 / 24$ |


| Section Title G-24 BASE BID | Line Item Item Description | UofM | Quantity | $\left\|\begin{array}{cc}\text { Carl Bowers \& } & \text { Sons Const. Co., In } \\ \text { Unit Price } & \text { Extension } \\ \$ 2,301,282.52\end{array}\right\|$ |  | Don Hietpas and Sons Inc. Unit Price Extension \$2,302,352.75 |  | $\|$MCC, Inc. <br> Unit Price Extension <br> $\$ 2,321,353.62$ |  | $\left\lvert\, \begin{array}{ll} \text { Robert Immel Excavating } \\ \text { Unit Price } & \text { Extension } \\ \$ 2,338,198.34 \end{array}\right.$ |  | $\|$David Tenor Corporation <br> Unit Price <br> Extension <br> $\$ 2,341,866.61$ |  | $\left\lvert\, \begin{aligned} & \text { Dorner Inc. } \\ & \text { Unit Price } \end{aligned}\right.$ | Extension <br> \$2,345,064.40 | $\left\lvert\, \begin{aligned} & \text { Jossart Brothers, } \text { Inc. } \\ & \text { Unit Price }\end{aligned} \begin{gathered}\text { Extensi } \\ \$ 2,36,\end{gathered}\right.$ |  | PTS Contractors, <br> Unit Price |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 F\& 100 P PVC SANIT | L.F. | 3,217.50 | \$50.00 | \$160,875.00 | 545.50 | \$146, | \$45.00 | \$1 | \$42.9 | \$13 | \$52.00 | \$167,310.00 | \$45.00 | \$144,787.50 | \$44.00 | \$141,570.00 | \$54.00 |
|  | 2 F\&\& 115"X10" ECCENTRIC PVC ADAPTOR | EA. |  | \$1,500.00 | \$1,500.00 | \$656.50 | \$656.50 | \$3,389.00 | \$3,389.00 | \$1,295.00 | \$1,295.00 | \$765.00 | \$765.00 | \$3,389.00 | \$3,389.00 | \$1,000.00 | \$1,000.00 | \$1,800.00 |
|  | 3 F\&\& 18 " DIAMETER SANITARY MANHOLE | V.F. | 153 | \$500.00 | \$76,580.00 | \$430.00 | \$65,858.80 | \$444.00 | \$68,003.04 | \$430.00 | \$65,858.80 | \$410.00 | 562,795.60 | \$444.00 | S68,003.04 | \$450.00 | \$68,922.00 | \$577.00 |
|  | 4 FRI SANITARY MANHOLE SEALS | EA. |  | \$500.00 | \$2,000.00 | \$480.00 | \$1,920.00 | \$464.00 | \$1,856.00 | \$675.00 | \$2,700.00 | \$522.00 | \$2,088.00 | \$464.00 | \$1,856.00 | \$550.00 | \$2,200.00 | \$550.00 |
|  | 5 F\&\& $16{ }^{\text {c }}$ WATER MAIN | L.F. | 10 | \$250.00 | \$2,500.00 | \$141.40 | \$1,414.00 | \$145.00 | \$1,450.00 | \$160.00 | \$1,600.00 | \$146.00 | \$1,460.00 | \$145.00 | \$1,450.00 | \$100.00 | \$1,000.00 | \$308.00 |
|  | 6 F\&\& $122^{\prime \prime}$ WATER MAIN | L.F. | 5,830.50 | \$63.00 | \$367,321.50 | \$81.50 | \$475,185.75 | \$71.00 | \$413,965.50 | \$74.00 | \$431,457.00 | \$78.00 | \$454,779.00 | \$71.00 | \$413,965.50 | \$73.00 | \$425,626.50 | \$73.00 |
|  | 7 F\&16" HYORANT LEAD | L.F. | 123 | 550.00 | \$6,150.00 | \$58.60 | \$7,207.80 | \$43.00 | \$5,289.00 | \$60.00 | \$7,380.00 | \$50.00 | \$6,150.00 | \$43.00 | \$5,289.00 | 570.00 | \$8,610.00 | \$108.00 |
|  | 8 FEl HYDRANTS | EA. | 12 | \$5,500.00 | \$66,000.00 | \$5,480.00 | \$65,760.00 | \$5,733.00 | \$68,796.00 | \$5,280.00 | \$63,360.00 | \$5,540.00 | \$66,480.00 | \$5,733.00 | \$68,796.00 | \$5,650.00 | \$67,800.00 | \$5,465.00 |
|  | 9 F\&1 12" WATER VALVE | EA. | 14 | \$4,800.00 | \$67,200.00 | \$4,318.00 | \$60,452.00 | \$4,803.00 | \$67,242.00 | \$4,690.00 | \$65,660.00 | \$4,525.00 | \$63,350.00 | \$4,803.00 | \$67,242.00 | \$5,000.00 | 570,000.00 | \$4,525.00 |
|  | 10 FEL16" WATER VALVE | EA. | 12 | \$2,100.00 | \$25,200.00 | \$1,700.00 | \$20,400.00 | \$1,823.00 | \$21,876.00 | \$1,820.00 | \$21,840.00 | \$1,775.00 | \$21,300.00 | \$1,823.00 | \$21,876.00 | \$1,900.00 | \$22,800.00 | \$1,725.00 |
|  | 11 F\& 116" 12 $^{\prime \prime}$ WATER MAIN TEE | EA. |  | \$2,900.00 | \$2,900.00 | \$2,560.00 | \$2,560.00 | \$2,702.00 | \$2,702.00 | \$3,485.00 | \$3,485.00 | \$2,815.00 | \$2,815.00 | \$2,702.00 | \$2,702.00 | \$2,750.00 | \$2,750.00 | \$2,580.00 |
|  | 12 F\& 112"X12" WATER MAIN TEE | EA. |  | \$1,800.00 | \$5,400.00 | \$1,460.00 | \$4,380.00 | \$1,519.00 | \$4,557.00 | \$1,820.00 | \$5,460.00 | \$1,645.00 | \$4,935.00 | \$1,519.00 | \$4,557.00 | \$1,475.00 | \$4,425.00 | \$1,440.00 |
|  | 13 FEl 12 "X6" WATER MAIN TEE | EA. | 11 | \$1,100.00 | \$12,100.00 | \$1,111.00 | \$12,221.00 | \$1,123.00 | \$12,353.00 | \$1,135.00 | \$12,485.00 | \$1,200.00 | \$13,200.00 | \$1,123.00 | \$12,353.00 | \$1,075.00 | \$11,825.00 | \$1,120.00 |
|  | 14 F\& $1122^{4} 45$ DEGREE BEND | EA. | 30 | \$1,000.00 | \$30,000.00 | \$1,035.00 | \$31,050.00 | \$955.00 | \$28,650.00 | \$885.00 | \$26,550.00 | \$920.00 | \$27,600.00 | \$955.00 | \$28,650.00 | \$925.00 | \$27,750.00 | \$922.00 |
|  | 15 F\&1 12 " $166^{\prime \prime}$ REDUCER | EA. |  | \$1,000.00 | \$1,000.00 | \$707.00 | \$707.00 | \$617.00 | \$617.00 | \$715.00 | \$715.00 | \$650.00 | \$650.00 | \$617.00 | \$617.00 | \$600.00 | \$600.00 | \$645.00 |
|  | 16 Fel 12 " WATER MAIN PLUG | EA. |  | \$800.00 | \$800.00 | \$405.00 | \$405.00 | \$328.00 | \$328.00 | \$445.00 | \$445.00 | \$300.00 | \$300.00 | \$328.00 | \$328.00 | \$350.00 | \$350.00 | \$393.00 |
|  | 17 FE\&1 16 " WATER MAIN REPAIR SLEEVES | EA. |  | \$2,000.00 | \$4,000.00 | \$1,838.00 | \$3,676.00 | \$1,718.00 | \$3,436.00 | \$2,325.00 | \$4,650.00 | \$1,625.00 | \$3,250.00 | \$1,718.00 | \$3,436.00 | \$1,750.00 | \$3,500.00 | \$1,736.00 |
|  | 18 FURNISH CONNECTION TO 16" WATER MAIN ON MIDY | L.S. |  | \$15,000.00 | \$15,000.00 | \$8,484.00 | \$8,484.00 | \$14,025.00 | \$14,025.00 | \$17,850.00 | \$17,850.00 | \$14,000.00 | \$14,000.00 | \$14,025.00 | \$14,025.00 | \$7,500.00 | \$7,500.00 | \$1,737.00 |
|  | 19 FR1 6001 RCP STORM SEWER | L.F. | 86 | \$290.00 | \$24,940.00 | \$263.00 | \$22,618.00 | \$275.00 | \$23,650.00 | \$300.00 | \$25,800.00 | \$259.00 | \$22,274.00 | \$275.00 | \$23,650.00 | \$300.00 | \$25,800.00 | \$285.00 |
|  | 20 F\&14" RCP STORM SEWER | L.F. | 86 | \$225.00 | \$19,350.00 | \$191.50 | \$16,469.00 | \$182.00 | \$15,652.00 | \$209.00 | \$17,974.00 | \$177.00 | \$15,222.00 | \$182.00 | \$15,652.00 | \$225.00 | \$19,350.00 | \$205.00 |
|  | 21 F\&143"X68" HE RCP STORM SEWER | L.F. | 146 | \$270.00 | \$39,420.00 | \$219.70 | \$32,076.20 | \$232.00 | \$33,872.00 | \$253.50 | \$37,011.00 | \$235.00 | \$34,310.00 | \$232.00 | \$33,872.00 | \$250.00 | \$36,500.00 | \$255.00 |
|  | 22 F\&1 36" RCP STORM SEWER | L.F. | 176 | \$105.00 | \$18,459.00 | \$116.50 | \$20,480,70 | \$106.00 | \$18,634,80 | \$119.50 | \$21,008.10 | \$107.00 | \$18,810.60 | \$106.00 | \$18,634.80 | \$130.00 | \$22,854.00 | \$103.00 |
|  | 23 F\&1 30" RCP STORM SEWER | L.F. | 1,913.50 | 585.00 | \$162,647.50 | \$84.84 | \$162,341,34 | 581.00 | \$154,993.50 | 588.60 | \$169,536.10 | 583.00 | \$158,820.50 | 581.00 | \$154,993.50 | 577.00 | \$147,339.50 | \$80.00 |
|  | 24 F\&1 24 " RCP STORM SEWER | L.F. | 1,532.00 | \$62.00 | \$94,984.00 | \$63.00 | \$96,516.00 | \$57.00 | \$87,324.00 | \$65.15 | \$99,809.80 | \$65.00 | \$99,580.00 | \$57.00 | \$87,324.00 | \$57.00 | \$87,324.00 | \$58.00 |
|  | 25 F\&1 18" RCP STORM SEWER | L.F. |  | \$50.00 | \$24,975.00 | \$50.20 | \$25,074.90 | \$42.00 | \$20,979.00 | \$50.75 | \$25,349.63 | \$52.00 | \$25,974.00 | \$42.00 | \$20,979.00 | \$45.00 | \$22,477.50 | \$44.00 |
|  | 26 Fel 12 " PVC STORM SEWER | L.F. | 341 | \$54.00 | \$18,414.00 | \$57.47 | \$19,597.27 | \$59.00 | \$20,119.00 | \$65.00 | \$22,165.00 | \$57.00 | \$19,437.00 | \$59.00 | \$20,119.00 | \$50.00 | \$17,050.00 | \$80.00 |
|  | 27 F\&1 600 RCP ENOWALLS | EA. |  | \$3,700.00 | \$7,400.00 | \$3,900.00 | \$7,800.00 | \$3,844.00 | 57,688.00 | \$4,100.00 | \$8,200.00 | \$3,300.00 | \$6,600.00 | \$3,844.00 | \$7,688.00 | \$4,000.00 | \$8,000.00 | \$3,886.00 |
|  | 28 F\& 148" RCP ENDWALLS | EA. |  | \$3,100.00 | \$6,200.00 | \$3,156.00 | \$6,312.00 | \$3,072.00 | \$6,144.00 | \$3,385.00 | \$6,770.00 | \$2,700.00 | \$5,400.00 | \$3,072.00 | \$6,144.00 | \$3,200.00 | \$6,400.00 | \$3,210.00 |
|  | 29 F\&1 43"X68" HE RCP ENDWALL | EA. |  | \$3,700.00 | \$7,400.00 | \$3,900.00 | \$7,800.00 | \$3,808.00 | \$7,616.00 | \$4,070.00 | \$8,140.00 | \$3,310.00 | \$6,620.00 | \$3,808.00 | \$7,616.00 | \$4,000.00 | \$8,000.00 | \$6,155.00 |
|  | 30 F\&136" RCP ENDWALS | EA. |  | \$2,500.00 | \$7,500.00 | \$2,475.00 | \$7,425.00 | \$2,416.00 | \$7,248.00 | \$2,800.00 | \$8,400.00 | \$2,120.00 | \$6,360.00 | \$2,416.00 | \$7,248.00 | \$2,600.00 | \$7,800.00 | \$2,345.00 |
|  | 31 F\&130" RCP ENDWALLS | EA. |  | \$1,800.00 | \$3,60.00 | \$1,970.00 | \$3,940.00 | \$1,889.00 | \$3,678.00 | \$2,300.00 | \$4,600.00 | \$1,675.00 | \$3,350.00 | \$1,839.00 | \$3,678.00 | \$2,100.00 | \$4,200.00 | \$1,710.00 |
|  | 32 F\&\& 24 " RCP ENDWALLS | EA. |  | \$1,700.00 | \$3,400.00 | \$1,610.00 | \$3,220.00 | \$1,560.00 | \$3,120.00 | \$1,700.00 | \$3,400.00 | \$1,500.00 | \$3,000.00 | \$1,560.00 | \$3,120.00 | \$1,800.00 | \$3,600.00 | \$1,475.00 |
|  | 33 F\&1 $966^{\prime \prime}$ DIAMETER STORM MANHOLE | V.F. |  | \$1,400.00 | \$11,018.00 | \$1,386.00 | \$10,907.82 | \$1,518.00 | \$11,946.66 | \$1,465.00 | \$11,529.55 | \$1,350.00 | \$10,624.50 | \$1,518.00 | \$11,946.66 | \$1,560.00 | \$12,277,20 | \$1,730.00 |
|  | 34 F\&1 84" DIAMETER STORM MANHOLE | V.F. |  | \$1,300.00 | \$7,618.00 | \$1,262.00 | \$7,395.32 | \$1,416.00 | \$8,297.76 | \$1,400.00 | \$8,204.00 | \$1,280.00 | \$7,500.80 | \$1,416.00 | \$8,297.76 | \$1,520.00 | \$8,907.20 | \$1,620.00 |
|  | 35 F\&172" DIAMETER STORM MANHOLE | V.F. | 20 | \$900.00 | \$18,378.00 | \$860.00 | \$17,561.20 | \$1,027.00 | \$20,971.34 | \$975.00 | \$19,909.50 | \$909.00 | \$18,561.78 | \$1,027.00 | \$20,971.34 | \$1,060.00 | \$21,645.20 | \$1,125.00 |
|  | 36 F\&1 60 " DIAMETER STORM MANHOLE | V.F. |  | \$725.00 | \$46,943.75 | \$800.00 | \$51,800.00 | 5878.00 | \$56,850.50 | \$925.00 | \$59,893,75 | \$770.00 | \$49,857.50 | \$878.00 | \$56,850.50 | \$1,030.00 | \$66,692.50 | \$640.00 |
|  | 37 F\&l 18 " DIAMETER STORM MANHOLE | V.F. | 35 | \$650.00 | \$22,685.00 | \$575.00 | \$20,067.50 | \$684.00 | \$23,871.60 | \$650.00 | \$22,685.00 | \$525.00 | \$18,322.50 | \$684.00 | \$23,871.60 | \$670.00 | \$23,383.00 | \$710.00 |
|  | 38 F\&l TYPE "E" INLET W/ TYPE "C" CASTING | EA. | 25 | \$2,500.00 | \$62,500.00 | \$2,525.00 | \$63,125.00 | \$2,778.00 | \$69,450.00 | \$3,085.00 | \$77,125.00 | \$2,470.00 | \$61,750.00 | \$2,778.00 | \$69,450.00 | \$2,900.00 | \$72,500.00 | S2,545.00 |
|  | 39 F\&1 18" RCP BELL END PLUG | EA. |  | \$500.00 | \$500.00 | \$303.00 | \$303.00 | S264.00 | \$264.00 | \$175.00 | \$175.00 | \$150.00 | \$150.00 | \$264.00 | \$264.00 | \$150.00 | \$150.00 | \$212.00 |
|  | 40 F\&l 12 " PVC RIGID REPAIR SLEEVE | EA. |  | \$500.00 | \$1,500.00 | \$252.50 | \$757.50 | \$547.00 | \$1,641.00 | \$390.00 | \$1,170.00 | \$200.00 | \$600.00 | \$547.00 | \$1,641.00 | \$250.00 | \$750.00 | \$420.00 |
|  | 41 F\&\&112" PVC END CAP | EA. |  | \$500.00 | \$500.00 | \$187.00 | \$187.00 | \$412.00 | \$412.00 | \$175.00 | \$175.00 | \$200.00 | \$200.00 | \$412.00 | \$412.00 | \$175.00 | \$175.00 | \$275.00 |
|  | 42 FURNISH INLET REMOVAL | EA. | 5 | \$500.00 | \$2,500.00 | \$1,630.00 | \$8,150.00 | \$402.00 | \$2,010.00 | \$750.00 | \$3,750.00 | \$1,600.00 | \$8,000.00 | \$402.00 | \$2,010.00 | \$500.00 | \$2,500.00 | \$230.00 |
|  | 43 ABANDON / REMOVE EXISTING STORM SEWER | L.S. |  | \$2,500.00 | \$2,500.00 | \$3,838.00 | \$3,838.00 | \$1,404.00 | \$1,404.00 | \$2,700.00 | \$2,700.00 | \$2,250.00 | \$2,250.00 | \$1,404.00 | \$1,404.00 | \$4,000.00 | \$4,000.00 | \$2,206.00 |
|  | 44 ADJUST EXISTING STORM MH | L.S. |  | \$500.00 | \$500.00 | \$656.50 | \$656.50 | \$1,046.00 | \$1,046.00 | \$1,800.00 | \$1,800.00 | \$350.00 | \$350.00 | \$1,046.00 | \$1,046.00 | \$600.00 | \$600.00 | \$870.00 |
|  | 45 REMOVE CONE FROM EXISTING STORM MANHOLE \& | EA. |  | \$1,000.00 | \$2,000.00 | \$2,272.00 | \$4,544.00 | \$1,419.00 | \$2,838.00 | \$2,140.00 | \$4,280.00 | \$2,000.00 | \$4,000.00 | \$1,419.00 | \$2,838.00 | \$1,800.00 | \$3,600.00 | 1,738.00 |
|  | 46 DIRECT TAP RCP STORM SEWER | EA. | 10 | \$900.00 | \$9,000.00 | \$858.00 | \$8,580.00 | \$858.00 | \$8,580.00 | \$800.00 | \$8,000.00 | \$1,425.00 | \$14,250.00 | \$858.00 | \$8,580.00 | \$1,400.00 | \$14,000.00 | \$290.00 |
|  | 47 F\&I LIGHT RIPRAP | c.Y. |  | \$65.00 | \$2,080.00 | \$45.00 | \$1,440.00 | \$34.25 | \$1,096.00 | \$46.35 | \$1,483.20 | \$45.90 | \$1,468.80 | \$46.00 | \$1,472.00 | \$46.35 | \$1,483.20 |  |
|  | 48 F\&IMEDIUM RIPRAP | c.Y. | 306 | \$60.00 | \$18,360.00 | \$57.00 | \$17,442.00 | \$56.95 | \$17,426.70 | \$58.70 | \$17,962.20 | \$58.14 | \$17,790.84 | \$59.00 | \$18,054.00 | \$58.70 | \$17,962.20 | \$58.00 |
|  | 49 F\& ITPE "HR" FABRRIC UNDER RIPRAP | s.Y. | 703 | \$2.00 | \$1,406.00 | \$2.10 | \$1,476.30 | \$2.05 | \$1,441.15 | \$2.15 | \$1,511.45 | \$2.00 | \$1,406.00 | \$2.20 | \$1,546.60 | \$2.15 | \$1,511.45 | \$2.10 |
|  | 50 FURNISH FUUL DEPTH SAWING | L.F. | 1,030.00 | 52.00 | \$2,060.00 | \$2.60 | \$2,678.00 | \$1.95 | \$2,008.50 | \$3.50 | \$3,605.00 | \$3.90 | \$4,017.00 | \$2.40 | \$2,472.00 | \$3.00 | \$3,090.00 | \$1.80 |
|  | 51 FURNISH TREE REMOVAL | L.S. |  | \$4,000.00 | \$4,000.00 | \$210.00 | \$210.00 | \$0.01 | 50.01 | \$220.00 | \$220.00 | \$5,610.00 | \$5,610.00 | \$216.00 | \$216.00 | \$216.00 | \$216.00 | \$216.00 |
|  | 52 FURNISH CLEARING AND GRUBBING | L.S. |  | \$7,000.00 | \$7,000.00 | \$11,000.00 | \$11,000.00 | \$11,000.00 | \$11,000.00 | \$11,330.00 | \$11,330.00 | \$5,610.00 | \$5,610.00 | \$11,332.00 | \$11,332.00 | \$11,330.00 | \$11,330.00 | \$11,315.00 |
|  | 53 F\&1 12" DENSE GRADED BASE | S.Y. | 12,777.00 | \$9.15 | \$116,909.55 | \$9.20 | \$117,548.40 | \$11.10 | \$141,824.70 | 59.50 | \$121,381.50 | 59.38 | \$119,848.26 | \$9.48 | \$121,125.96 | \$9.50 | \$121,381.50 | 59.50 |
|  | 54 F\&1 GEOGRID | S.Y. | 12,777.00 | \$1.60 | \$20,443.20 | \$1.50 | \$19,165.50 | \$1.60 | \$20,443.20 | \$1.55 | \$19,804.35 | \$1.53 | \$19,548.81 | \$1.55 | \$19,804.35 | \$1.55 | \$19,804,35 | \$1.50 |
|  | 55 FURNISH FINE GRADING FOR ASPHALT PAVEMENT | s.Y. | 12,777.00 | \$1.00 | \$12,777.00 | \$1.40 | \$17,887.80 | \$1.45 | \$18,526.65 | \$1.45 | \$18,526.65 | \$1.43 | \$18,271.11 | 51.44 | \$18,398.88 | \$1.45 | \$18,526.65 | \$1.45 |
|  | 56 FURNISH EXCAVATION BELOW SUBGRADE | c.r. | 1,000.00 | 58.00 | \$8,000.00 | \$11.40 | \$11,400.00 | \$11.40 | \$11,400.00 | \$11.75 | \$11,750.00 | \$11.62 | \$11,620.00 | \$11.74 | \$11,740.00 | \$11.75 | \$11,750.00 | \$11.70 |
|  | 57 F\&1 13 D DENSE GRADED BASE FOR EBS AREAS | TON | 1,850.00 | \$14.00 | \$25,900.00 | \$13.80 | \$25,530.00 | \$13.80 | \$25,530.00 | \$14.20 | \$26,270.00 | \$14.70 | \$27,195.00 | \$14.22 | \$26,307.00 | \$14.20 | \$26,270.00 | \$14.20 |
|  | 58 F\&\& $112^{\prime \prime}$ CURLLEX SEDIMENT LOGS | EA. |  | \$65.00 | \$455.00 | \$75.75 | \$530.25 | \$75.00 | \$525.00 | \$80.00 | \$560.00 | \$76.50 | \$535.50 | 587.00 | \$609.00 | 587.50 | \$612.50 | \$87.40 |
|  | 59 F\&I INLET PROTECTION | EA. |  | 590.00 | \$2,790.00 | \$106.05 | \$3,287.55 | \$105.00 | \$3,255.00 | \$110.00 | \$3,410.00 | \$90.00 | \$2,790.00 | \$121.40 | \$3,763.40 | \$121.00 | \$3,751.00 | \$121.00 |
|  | 60 F\&I SLTT FENCE | L.F. | 2,700.00 | \$2.00 | \$5,400.00 | \$1.97 | \$5,319.00 |  | \$5,265.00 | 52.00 | \$5,400.00 | \$2.00 | \$5,400.00 | \$2.20 | \$5,940.00 | \$2.15 | \$5,805.00 | \$2.10 |
|  | 61 F\&1 TRACKING PADS | EA. |  | \$2,000.00 | \$10,000.00 | \$958.00 | \$4,790.00 | \$960.00 | \$4,800.00 | \$990.00 | \$4,950.00 | \$977.00 | \$4,885.00 | \$987.00 | \$4,935.00 | \$990.00 | \$4,950.00 | \$985.00 |
|  | 62 F\&1 TEMPORARY DITCH CHECKS | EA. | 46 | \$65.00 | \$2,990.00 | \$95.95 | \$4,413.70 | \$95.00 | \$4,370.00 | \$100.00 | \$4,600.00 | \$96.90 | \$4,457.40 | \$167.00 | \$7,682.00 | \$167.00 | \$7,882.00 | \$167.00 |
|  | 63 STRIP \& STOCKPILE TOPSOIL (EST. 29,400 C.Y.) | L.S. |  | \$105,000.00 | \$105,000.00 | \$106,565.00 | \$106,565.00 | \$104,580.00 | \$104,580.00 | \$109,760.00 | \$109,760.00 | \$108,696.00 | \$108,696.00 | \$110,149.00 | \$110,149.00 | \$109,500.00 | \$109,500.00 | \$109,600.00 |
|  | 64 FURNISH COMMON EXCAVATION (EST. 18,525 C.Y.) | L.S. |  | \$110,000.00 | \$110,000.00 | \$77,300.00 | \$77,300.00 | \$95,185.00 | \$95,185.00 | \$79,620.00 | \$79,620.00 | \$78,846.00 | \$78,846.00 | \$79,634.00 | \$79,634.00 | \$79,600.00 | \$79,600.00 | \$79,500.00 |
|  | 65 INSTALL SALVAGED TOPSOIL (EST. 77,500 S.Y.) | L.S. |  | \$34,000.00 | \$34,000.00 | \$65,360.00 | \$65,360.00 | \$94,245.00 | \$94,245.00 | \$67,320.00 | \$67,320.00 | \$66,667.00 | \$66,667.00 | \$67,334.00 | \$67,334.00 | \$67,300.00 | \$67,300.00 | \$67,200.00 |
|  | 66 FURNISH EXCESS TOPSOIL DISPOSAL (EST. 20,400 C.Y.) | L.S. |  | 50.02 | 50.02 | \$0.01 | \$0.01 | 50.01 | 50.01 | \$0.01 | 50.01 | \$0.01 | 50.01 | 50.01 | 50.01 | 50.01 | \$0.01 | \$1.00 |
|  | 67 FURNISH EXCESS SOIL DISPOSAL (EST. 2, 200 C.Y.) | L.S. |  | \$13,500.00 | \$13,500.00 | \$61,437,40 | \$61,437.40 | \$67,400.00 | \$67,400.00 | \$63,280.00 | \$63,280.00 | \$90,310.00 | \$90,310.00 | 591,214.00 | \$91,214.00 | S91,000.00 | \$91,000.00 | \$91,050.00 |
|  | 68 FURNISH FINE GRADING OF TOPSOIL IN TERRACES, DIT | s.Y. | 74,700.00 | 50.50 | \$37,350.00 | \$0.25 | \$18,675.00 | 50.25 | \$18,675.00 | \$0.26 | \$19,422.00 | 50.25 | \$18,675.00 | 50.33 | \$24,651.00 | 50.23 | \$17,181.00 | \$0.25 |
|  | 69 DISK, GRADE AND PREPARE LAND OUTSIDE CONSTRUG | L.S. |  | \$15,000.00 | \$15,000.00 | \$1,919.00 | \$1,919.00 | \$1,900.00 | \$1,900.00 | \$1,950.00 | \$1,950.00 | \$1,988.00 | \$1,938.00 | \$9,972.00 | \$9,972.00 | \$15,000.00 | \$15,000.00 | \$9,950.00 |
|  | 70 F\&I NO MOW FESCUE SEED AND CRIMPED MULCH WII | s.r. | 218,000.00 | 50.85 | \$185,300.00 | \$0.45 | \$98,100.00 | \$0.45 | \$98,100.00 | \$0.47 | \$102,460.00 | \$0.46 | \$100,280.00 | 50.60 | \$130,800.00 | 50.59 | \$128,620.00 | 50.60 |
|  | 71 F\&1 EROSION MAT, CLASS I, TYPE A WITH NO MOW FES | S.Y. | 13,300.00 | \$1.65 | \$21,945.00 | \$1.97 | \$26,201.00 | \$1.95 | \$25,935.00 | \$2.00 | \$26,600.00 | 51.99 | \$26,467.00 | \$1.82 | \$24,206.00 | 51.82 | \$24,206.00 | \$1.80 |
|  | 72 F\&1 EROSION MAT, CLASSIII, TYPE B WITH NO MOW Fe | s.Y. | 7,500.00 | \$2.65 | \$19,875.00 | S2.42 | \$18,150.00 | S2.40 | \$18,000.00 | S2.45 | \$18,375.00 | S2.45 | \$18,375.00 | \$2.44 | \$18,300.00 | \$2.44 | \$18,300.00 | S2.40 |
|  | 73 F\&L SEED MIX \#2, FERTILIZER AND CRIMPED MULCH | s.Y. | 21,000.00 | 50.95 | \$19,950.00 | 50.94 | \$19,740.00 | 50.93 | \$19,530.00 | 50.95 | \$19,950.00 | 50.95 | \$19,950.00 | 50.81 | \$17,010.00 | 50.81 | \$17,010.00 | 50.80 |
|  | 74 FURNISH REMOBILIZATION FOR RESTORATION AFTER | L.S. |  | \$1,500.00 | \$1,500.00 | \$1,255.69 | \$1,255.69 | \$225.00 | \$225.00 | \$230.00 | \$230.00 | \$230.00 | \$230.00 | \$2,060.00 | \$2,060.00 | \$2,060.00 | \$2,060.00 | \$2,100.00 |
|  | 75 F\&\& TEMPORARY CONSTRUCTIO NAEETY FENCE FOR Y | L.F. | 3,110.00 | 53.10 | \$9,641.00 | \$2.88 | \$8,956.80 | \$2.85 | \$8,863.50 | 53.00 | \$9,330.00 | \$2.91 | \$9,050.10 | 53.70 | \$11,507.00 | 53.73 | \$11,600.30 | 53.70 |
|  | 76 FURNISH TRAFFIL CONTROL | L.S. |  | 56,500.00 | \$6,500.00 | \$3,535.00 | \$3,535.00 | \$3,500.00 | \$3,50.00 | \$3,675.00 | \$3,675.00 | \$3,570.00 | \$3,570.00 | \$7,622.00 | \$7,622.00 | \$4,000.00 | \$4,000.00 | \$3,600.00 |
|  | 77 FURNISH TRAFFIC CONTROL FOR MIDWAY ROAD CLOS | L.S. |  | \$6,000.00 | \$6,000.00 | \$8,282.00 | \$8,282.00 | \$8,200.00 | \$8,200.00 | \$8,600.00 | \$8,600.00 | \$8,364.00 | \$8,364.00 | \$8,448.00 | \$8,448.00 | \$9,000.00 | \$9,000.00 | \$8,430.00 |
|  | 78 FURNISH AND INSTALL SOIL STABIILZER, TYPE B, IN TER | S.Y. | 11,200.00 | 50.16 | \$1,792.00 | 50.40 | \$4,480.00 | 50.40 | \$4,480.00 | 50.40 | \$4,480.00 | 50.41 | \$4,592.00 | 50.28 | \$3,136.00 | 50.28 | \$3,136.00 | 50.30 |
| Base Bid Total |  |  |  |  | \$2,301,282.52 |  | \$2,302,352.75 |  | \$2,321,353.62 |  | \$2,338,198.34 |  | \$2,341,866.61 |  | \$2,345,064.40 |  | 2,369,742.76 |  |


| Section TitleG-24 BASE BID | Line Item Item Description | UofM | Quantity | $\begin{aligned} & \text { Inc } \\ & \text { Extension } \\ & \$ \$ 2,375,995.77 \end{aligned}$ | Peters Concrete Company |  | Calnin \& Goss, uc |  | Advance Construction Inc. |  | \|Kruczek Construction Inc. |  | De Groot, inc. |  | Vinton Construction Company |  | Michels Road \& Stone, Inc. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Unit Price | Extension $\$ 2,397,334.41$ |  | Extension <br> \$2,493,252.15 | Unit Price | Extension <br> \$2,493,349.40 | Unit Price | Extension \$2,538,548.13 | Unit Price | Extension <br> \$2,623,754.75 | Unit Price | Extension <br> \$2,776,165.30 | Unit Price | Extension <br> \$2,898,682.05 |
|  | 1 F\&\& 10 " PVC SANTTARY SEWER MAIN | L.F. | 3,217.50 | \$173,745.00 | \$48.20 | \$155,083.50 | \$46.99 | \$151,190.33 | 547.50 | \$152,831.25 | \$44.25 | \$142,374.38 | \$53.70 | \$172,779.75 | 563.90 | \$205,598.25 | S67.00 | \$215,572.50 |
|  | 2 F\&/ 15"X10" ECCENTRIC PVC ADAPTOR | EA. |  | \$1,800.00 | \$1,400.00 | \$1,400.00 | \$1,335.31 | \$1,335.31 | \$716.00 | \$716.00 | \$1,300.00 | \$1,300.00 | \$1,127.16 | \$1,127.16 | 51,091.00 | \$1,091.00 | 5745.00 | \$745.00 |
|  | FELI 18" DIAMETER SANITARY MANHOLE | V.F. | 53 | \$88,373.32 | \$434.00 | \$66,471.44 | \$426.45 | \$65,315.08 | \$425.00 | \$65,093.00 | \$425.00 | \$65,093.00 | \$500.24 | \$76,616.76 | \$530.11 | \$81,191.65 | \$514.00 | \$78,724.24 |
|  | 4 F\&2 SANITARY MANHOLE SEALS | EA. |  | \$2,200.00 | \$600.00 | \$2,400.00 | \$477.11 | \$1,908.44 | \$472.00 | \$1,888.00 | \$628.00 | \$2,512.00 | \$577.72 | \$2,310.88 | \$672.00 | \$2,688.00 | \$750.00 | \$3,000.00 |
|  | 5 F\&1 16 " WATER MAIN | L.F. | 10 | \$3,080.00 | \$150.00 | \$1,500.00 | \$146.46 | \$1,464.60 | \$641.00 | \$6,410.00 | \$200.00 | \$2,000.00 | \$232.30 | \$2,323.00 | \$176.00 | \$1,760.00 | \$189.00 | \$1,890.00 |
|  | 6 F\&\& $122^{\prime \prime}$ WATER MAIN | L.F. | 5,830.50 | \$425,626.50 | \$74.99 | \$437,229.20 | \$68.12 | \$397,173.66 | 578.50 | \$457,694.25 | \$76.00 | \$443,118.00 | \$86.16 | \$502,355.88 | \$92.25 | S537,863.63 | 598.00 | 571,389.00 |
|  | 7 F\&16" HYORANT LEAD | L.F. | 123 | \$13,284.00 | \$55.75 | \$6,857.25 | \$75.83 | \$9,327.09 | \$55.50 | \$6,826.50 | \$52.00 | \$6,396.00 | \$52.14 | \$6,413.22 | \$120.00 | \$14,760.00 | \$61.00 | \$7,503.00 |
|  | 8 F\&I HYDRANTS | EA. | 12 | \$66,580.00 | \$5,735.00 | \$68,820.00 | \$5,710.51 | \$68,526.12 | \$5,786.00 | \$69,432.00 | \$6,170.00 | \$74,040.00 | \$6,172.11 | 574,065.32 | \$5,886.00 | \$70,632.00 | 55,021.00 | \$60,252.00 |
|  | 9 F\&1 12" WATER VALVE | EA. | 14 | \$63,350.00 | \$4,475.00 | \$62,650.00 | \$5,242.58 | \$73,396.12 | \$4,482.00 | \$62,748.00 | \$5,100.00 | \$71,400.00 | \$4,920.72 | \$68,890.08 | \$4,525.00 | \$63,350.00 | \$4,917.00 | \$68,838.00 |
|  | 10 Fel 6 " WATER VALVE | EA. | 12 | \$20,700.00 | \$1,700.00 | \$20,400.00 | \$2,183.91 | \$26,206.92 | \$1,700.00 | \$20,400.00 | \$1,930.00 | \$23,160.00 | \$1,970.51 | \$23,646.12 | \$1,810.00 | \$21,720.00 | \$2,183.00 | \$26,196.00 |
|  | 11 F\&l $166^{\prime \prime}$ X12" WATER MAIN TEE | EA. |  | \$2,580.00 | \$2,650.00 | \$2,650.00 | \$3,279.95 | \$3,279.95 | \$2,590.00 | \$2,590.00 | \$2,985.00 | \$2,985.00 | \$3,070.40 | \$3,070.40 | \$4,010.00 | \$4,010.00 | \$2,773.00 | \$2,773.00 |
|  | 12 F\&l 12 "X12" WATER MAIN TEE | EA. |  | 54,320.00 | \$1,450.00 | \$4,350.00 | \$1,734.61 | \$5,203.83 | \$1,366.00 | \$4,188.00 | \$1,500.00 | \$4,500.00 | \$1,753.36 | \$5,260.08 | \$3,590.00 | \$10,770.00 | \$2,837.00 | \$8,511.00 |
|  | 13 F\&l $122^{\prime \prime} 6^{\prime \prime}$ WATER MAIN TEE | EA. | 11 | \$12,320.00 | \$1,050.00 | \$11,550.00 | \$1,312.96 | \$14,541.56 | \$1,036.00 | \$11,396.00 | \$100.00 | \$1,100.00 | \$1,399.86 | \$15,398.46 | \$502.00 | \$5,522.00 | \$1,087.00 | \$11,957.00 |
|  | 14 F\&1 12 " 45 DEGREE BEND | EA. | 30 | \$27,660.00 | \$1,140.00 | \$34,200.00 | \$1,155.10 | \$34,653.00 | \$900.00 | \$27,000.00 | \$1,200.00 | \$36,000.00 | \$1,313.00 | \$39,390.00 | \$960.00 | \$28,800.00 | \$1,003.00 | \$30,090.00 |
|  | F\&\& 12"X6" REDUCER | EA. |  | \$645.00 | \$750.00 | \$750.00 | \$1,100.43 | \$1,100.43 | \$625.00 | \$625.00 | \$610.00 | \$610.00 | \$984.75 | 5984.75 | \$677.00 | \$677.00 | \$950.00 | \$950.00 |
|  | 16 F\&1 12" WATER MAIN PLUG | EA. |  | \$393.00 | \$500.00 | \$500.00 | \$649.95 | \$649.95 | \$375.00 | \$375.00 | \$320.00 | \$320.00 | \$479.75 | \$479.75 | \$750.00 | \$750.00 | \$503.00 | \$503.00 |
|  | 17 [E\&1 16 " WATER MAIN REPAIR SLEEVES | EA. |  | \$3,472.00 | \$2,000.00 | 54,000.00 | \$2,687.66 | \$5,375.32 | \$1,692.00 | \$3,384.00 | \$1,935.00 | \$3,870.00 | \$2,163.42 | \$4,326.84 | \$2,442.50 | \$4,885.00 | \$1,205.00 | \$2,410.00 |
|  | 18 FURNISH CONNECTION TO 16" WATER MAIN ON MIDY L | L.S. |  | \$1,737.00 | \$8,500.00 | \$8,500.00 | \$2,702.31 | \$2,702.31 | \$7,000.00 | \$7,000.00 | \$5,800.00 | \$5,800.00 | \$6,060.00 | \$6,060.00 | \$11,265.00 | \$11,265.00 | \$24,932.00 | \$24,932.00 |
|  | 19 FE160" RCP STORM SEWER | L.F. | 86 | \$24,510.00 | \$304.00 | \$26,144.00 | \$316.55 | \$27,223.30 | \$325.00 | \$27,950.00 | \$377.00 | \$32,422.00 | \$307.39 | \$26,435.54 | \$303.00 | \$26,058.00 | \$396.50 | \$34,099.00 |
|  | 20 F\&1 48 " RCP STORM SEWER | L.F. | 86 | \$17,630.00 | \$204.00 | \$17,544.00 | \$216.58 | \$18,625.88 | \$242.00 | \$20,812.00 | \$250.00 | \$21,500.00 | \$226.59 | \$19,486.74 | \$223.00 | \$19,178.00 | \$289.00 | \$24,854.00 |
|  | 21 F\&143"X68" He RCP STORM SEWER | L.F. | 146 | \$37,230.00 | \$249.00 | \$36,354.00 | \$263.06 | \$38,406.76 | \$304.00 | \$44,384.00 | \$400.00 | \$58,400.00 | \$267.87 | \$39,109.02 | \$240.40 | \$35,098.40 | \$304.00 | \$44,384.00 |
|  | 22 F\&1 36" RCP STORM SEWER | L.F. | 176 | \$18,107.40 | \$122.00 | \$21,447.60 | \$135.38 | \$23,799.80 | \$138.00 | \$24,260.40 | \$175.00 | \$30,765.00 | \$139.22 | \$24,474.88 | \$129.25 | \$22,722.15 | \$156.50 | \$27,512.70 |
|  | 23 F\&1 3001 RCP STORM SEWER | L.F. | 1,913.50 | \$153,080.00 | 583.35 | \$159,490.23 | 593.86 | \$179,601.11 | \$102.00 | \$195,177.00 | \$113.00 | \$216,225.50 | 596.25 | \$184,174.38 | \$114.40 | \$218,904.40 | \$127.00 | \$243,014.50 |
|  | 24 F\&1 24 " RCP STORM SEWER | L.F. | 1,532.00 | \$88,856.00 | \$61.25 | \$93,835.00 | \$68.12 | \$104,359.84 | 576.00 | \$116,432.00 | \$80.00 | \$122,560.00 | 573.03 | \$111,881.96 | \$91.25 | \$139,795.00 | 593.00 | \$142,476.00 |
|  | 25 Fel 118" RCP STORM SEWER | L.F. | 500 | \$21,978.00 | \$49.15 | \$24,550.43 | \$43.85 | \$21,903.08 | \$62.00 | \$30,969.00 | \$66.00 | \$32,967.00 | \$61.08 | \$30,509.46 | \$76.05 | \$37,986.98 | 580.50 | \$40,209.75 |
|  | 26 F\&E112" PVC STORM SEWER | L.F. | 341 | \$27,280.00 | \$76.25 | \$26,001.25 | \$56.73 | \$19,344.93 | \$70.40 | \$24,006.40 | \$55.00 | \$18,755.00 | \$60.67 | \$20,688.47 | 588.10 | \$30,042.10 | 584.00 | \$28,644.00 |
|  | 27 F\&160" RCP ENDWALLS | EA. |  | \$7,772.00 | \$4,250.00 | \$8,500.00 | \$3,481.83 | \$6,963.66 | \$4,480.00 | \$8,960.00 | \$8,500.00 | \$17,000.00 | \$3,364.31 | \$6,728.62 | \$4,660.00 | \$9,320.00 | \$4,145.00 | \$8,290.00 |
|  | 28 F\&148" RCP ENDWALS | EA. |  | \$6,420.00 | \$3,600.00 | \$7,200.00 | \$2,779.09 | \$5,558.18 | \$3,611.00 | \$7,222.00 | \$6,200.00 | \$12,400.00 | \$2,648.22 | \$5,296.44 | \$4,020.00 | \$8,040.00 | \$3,345.00 | \$6,690.00 |
|  | F\&143"X68" HE RCP ENOWALLS | EA. |  | \$12,310.00 | \$4,350.00 | \$8,700.00 | \$3,499.58 | \$6,999.16 | \$4,467.00 | \$8,934.00 | \$8,400.00 | \$16,800.00 | \$3,380.47 | \$6,760.94 | \$4,662.00 | \$9,324.00 | \$4,128.00 | \$8,256.00 |
|  | 30 F\& 136 " RCP ENDWALLS | EA. |  | \$7,035.00 | \$2,800.00 | \$8,400.00 | \$2,074.50 | \$6,223.50 | \$2,839.00 | \$8,517.00 | \$4,200.00 | \$12,600.00 | \$2,131.10 | \$6,393.30 | \$2,860.00 | \$8,580.00 | \$2,587.00 | \$7,761.00 |
|  | 31 F\&1 30" RCP ENDWALLS | EA. |  | \$3,420.00 | \$2,350.00 | \$4,700.00 | \$1,695.18 | \$3,390.36 | \$2,183.00 | \$4,366.00 | \$3,400.00 | \$6,800.00 | \$1,578.63 | \$3,157.26 | \$2,453.00 | \$4,906.00 | \$2,055.00 | \$4,110.00 |
|  | 32 F\&1 24 " RCP ENDWALLS | EA. |  | \$2,950.00 | \$2,200.00 | \$4,400.00 | \$1,492.58 | \$2,985.16 | \$1,793.00 | \$3,586.00 | \$2,600.00 | \$5,200.00 | \$1,351.38 | \$2,702.76 | \$1,885.00 | \$3,770.00 | \$1,768.00 | \$3,536.00 |
|  | 33 F\&\& $196 "$ DIAMETER STORM MANHOLE | V.F. |  | \$13,615.10 | \$1,540.00 | \$12,119.80 | \$1,482.83 | \$11,669.87 | \$1,900.00 | \$14,953.00 | \$1,700.00 | \$13,379.00 | \$1,593.95 | \$12,544.39 | \$1,733.00 | \$13,638.71 | \$1,767.00 | \$13,906.29 |
|  | 34 F\&1 84 " DIAMETER STORM MANHOLE | V.F. |  | \$9,493.20 | \$1,499.00 | \$8,491.14 | \$1,438.23 | \$8,428.03 | \$1,880.00 | \$11,016.80 | \$1,700.00 | \$9,962.00 | \$1,509.38 | \$8,844.97 | \$1,729.00 | \$10,131.94 | \$1,728.00 | \$10,126.08 |
|  | 35 F\&1 72 " DIAMETER STORM MANHOLE | V.F. | 20 | \$22,972.50 | \$1,010.00 | \$20,624.20 | \$1,022.10 | \$20,462.88 | \$1,290.00 | \$26,341.80 | \$1,000.00 | \$20,420.00 | \$1,075.09 | \$21,953.34 | \$1,125.00 | \$22,972.50 | \$1,144.00 | \$23,360.48 |
|  | 36 FEl 60 " DIAMETER STORM MANHOLE | V.F. |  | \$41,440.00 | \$891.00 | \$57,692.25 | \$729.59 | \$47,240.95 | \$908.00 | \$58,793.00 | \$800.00 | \$51,800.00 | \$862.12 | \$55,822.27 | \$962.00 | \$62,289.50 | \$826.00 | \$53,483.50 |
|  | 37 F\&1 48" IAMETER STORM MANHOLE | v.F. | 35 | \$24,779.00 | \$713.00 | \$24,883.70 | \$489.08 | \$17,068.89 | 5801.00 | \$27,954.90 | \$700.00 | \$24,430.00 | \$768.99 | \$26,837.75 | \$670.00 | \$23,383.00 | \$616.00 | \$21,498.40 |
|  | 38 F\&l TYPE "E" ILLET W/ TYPE "C" CASTING | EA. | 25 | \$63,625.00 | \$2,616.00 | \$65,400.00 | \$2,523.65 | \$63,091.25 | \$2,818.00 | \$70,450.00 | \$3,000.00 | \$75,000.00 | \$2,827.83 | \$70,695.75 | \$3,045.00 | \$76,125.00 | 53,892.00 | \$97,300.00 |
|  | 39 F\&1 18" RCP BELL END PLUG | EA. |  | \$212.00 | \$250.00 | \$250.00 | \$283.26 | \$283.26 | \$154.00 | \$154.00 | \$234.00 | \$234.00 | \$353.50 | \$353.50 | \$571.00 | \$571.00 | \$641.00 | \$641.00 |
|  | 40 FEl 12 " PVC RIGID REPAIR SLEEVE | EA. |  | \$1,260.00 | \$850.00 | \$2,550.00 | \$432.82 | \$1,288.46 | \$234.00 | \$702.00 | \$215.00 | \$645.00 | \$690.84 | \$2,072.52 | \$422.00 | \$1,266.00 | \$306.00 | \$918.00 |
|  | 41 F\&112" PVC END CAP | EA. |  | \$275.00 | \$250.00 | \$250.00 | \$234.67 | \$234.67 | \$180.00 | \$180.00 | \$186.00 | \$186.00 | \$353.50 | \$353.50 | \$635.00 | \$635.00 | \$330.00 | \$330.00 |
|  | 42 FURNISH INLET REMOVAL | EA. |  | \$1,150.00 | \$250.00 | \$1,250.00 | \$763.71 | \$3,818.55 | \$350.00 | \$1,750.00 | \$290.00 | \$1,450.00 | \$505.00 | \$2,525.00 | \$295.00 | \$1,475.00 | \$593.00 | \$2,965.00 |
|  | 43 ABANDON / REMOVE EXISTING STORM SEWER | L.S. |  | \$2,206.00 | \$2,500.00 | \$2,500.00 | \$5,629.04 | \$5,629.04 | \$4,000.00 | \$4,000.00 | \$2,840.00 | \$2,840.00 | \$3,535.00 | \$3,535.00 | 59,025.00 | \$9,025.00 | 55,532.00 | \$5,532.00 |
|  | 44 ADJUST EXISTING STORM MH | L.S. |  | \$870.00 | \$400.00 | \$400.00 | \$1,430.75 | \$1,430.75 | \$3,00.00 | \$3,000.00 | \$193.00 | \$193.00 | \$984.75 | \$984.75 | \$950.00 | \$950.00 | \$500.00 | \$500.00 |
|  | 45 REMOVE CONE FROM EXIITING STORM MANHOLE \& | EA. |  | \$3,476.00 | \$1,000.00 | \$2,000.00 | \$38.32 | \$76.64 | \$2,046.00 | \$4,092.00 | \$1,200.00 | \$2,400.00 | \$1,9919.00 | \$3,838.00 | \$1,450.00 | \$2,900.00 | \$1,683.00 | \$3,366.00 |
|  | 46 DIRECT TAP RCP STORM SEWER | EA. | 10 | \$2,900.00 | \$950.00 | \$9,500.00 | \$888.54 | \$8,485.40 | \$1,538.00 | \$15,380.00 | \$860.00 | \$8,600.00 | \$2,060.40 | \$20,604.00 | \$1,638.00 | \$16,380.00 | \$1,064.00 | \$10,640.00 |
|  | 47 F\&I LIGHT RIPRAP | c.Y. | 32 | \$1,472.00 | \$50.00 | \$1,600.00 | \$71.86 | \$2,299.52 | 585.00 | \$2,720.00 | \$50.00 | \$1,600.00 | \$48.48 | \$1,551.36 | \$85.00 | \$2,720.00 | \$51.00 | \$1,632.00 |
|  | 48 FEl MEDIUM RIPRAP | c.r. | 306 | \$17,748.00 | \$50.00 | \$15,300.00 | \$81.57 | \$24,960.42 | \$85.00 | \$26,010.00 | \$50.00 | \$15,300.00 | \$60.60 | \$18,543.60 | 585.00 | \$26,010.00 | \$51.00 | \$15,606.00 |
|  | 49 F\& ITYPE "HR" FABRIC UNDER RIPRAP | S.Y. | 703 | \$1,476.30 | 53.50 | \$2,460.50 | \$3.35 | \$2,355.05 | \$4.00 | \$2,812.00 | \$4.50 | \$3,163.50 | \$2.27 | \$1,595.81 | \$4.00 | \$2,812.00 | \$3.75 | \$2,636.25 |
|  | 50 FURNISH FULL DEPTH SAWING | L.F. | 1,030.00 | \$1,854.00 | \$2.00 | \$2,060.00 | \$2.08 | \$2,142.40 | 54.00 | \$4,120.00 | \$2.50 | \$2,575.00 | 54.04 | \$4,161.20 | \$2.50 | \$2,575.00 | \$3.21 | \$3,306.30 |
|  | 51 FURNISH TREE REMOVAL | L.S. |  | \$216.00 | \$1.00 | \$1.00 | \$1,881.15 | \$1,881.15 | \$2,000.00 | \$2,000.00 | \$1,000.00 | \$1,000.00 | \$252.50 | \$252.50 | \$2,000.00 | \$2,000.00 | \$6,000.00 | \$6,000.00 |
|  | 52 FURNISH CLEARING AND GRUBBING | L.S. |  | \$11,315.00 | \$11,000.00 | \$11,000.00 | \$4,836.92 | \$4,836.92 | \$1,000.00 | \$1,000.00 | \$22,000.00 | \$22,000.00 | \$11,443.30 | \$11,443.30 | \$1,000.00 | \$1,000.00 | \$8,000.00 | \$8,000.00 |
|  | 53 F\&l 12 " DENSE GRADED BASE | S.Y. | 12,777.00 | \$121,381.50 | 58.92 | \$113,970.84 | \$10.33 | \$131,986.41 | 59.95 | \$127,131.15 | 58.25 | \$105,410.25 | \$9.57 | \$122,275.89 | \$9.95 | \$127,131.15 | 58.40 | \$107,326.80 |
|  | 54 Fel Geocrid | s.Y. | 12,777.00 | \$19,165.50 | \$1.39 | \$17,760.03 | \$0.54 | \$6,899.58 | \$1.75 | \$22,359.75 | \$3.00 | \$38,331.00 | \$1.57 | \$20,059.89 | \$1.75 | \$22,359.75 | \$1.80 | \$22,998.60 |
|  | 55 FURNISH FINE GRADING FOR ASPHALT PAVEMENT | S.Y. | 12,777.00 | \$18,526.65 | 52.10 | \$26,831.70 | \$0.36 | \$4,599.72 | 50.79 | \$10,093.83 | \$1.50 | \$19,165.50 | \$1.45 | \$18,526.65 | 50.79 | \$10,093.83 | 51.90 | \$24,276.30 |
|  | 56 FURNISH EXCAVATION BELOW SUBGRADE | c.r. | 1,000.00 | \$11,700.00 | \$10.00 | \$10,000.00 | \$7.27 | \$7,270.00 | \$16.71 | \$16,710.00 | \$10.75 | \$10,750.00 | \$11.86 | \$11,860.00 | \$16.71 | \$16,710.00 | \$12.60 | \$12,600.00 |
|  | 57 F\&l 3 " DENSE GRADED BASE FOR EBS AREAS | TON | 1,850.00 | \$26,270.00 | \$14.00 | \$25,900.00 | \$16.68 | \$30,858.00 | \$14.92 | \$27,602.00 | \$19.50 | \$36,075.00 | \$14.35 | \$26,547.50 | \$14.92 | \$27,602.00 | \$12.60 | \$23,310.00 |
|  | 58 F\& 1 12" CURLEX SEDIMENT LOGS | EA. |  | \$611.80 | 585.00 | \$595.00 | \$99.34 | \$667.38 | 584.93 | \$594.51 | \$100.00 | \$700.00 | 588.43 | \$619.01 | \$84.93 | \$594.51 | 584.93 | \$594.51 |
|  | 59 F\&I INLET PROTECTION | EA. | 31 | \$3,751.00 | \$118.06 | \$3,659.86 | \$132.16 | \$4,096.96 | \$117.83 | \$3,652.73 | \$100.00 | \$3,100.00 | \$122.76 | \$3,805.56 | \$117.83 | \$3,652.73 | \$117.83 | \$3,652.73 |
|  | 60 F\&I SILT FENCE | L.F. | 2,700.00 | \$5,670.00 | \$2.10 | \$5,670.00 | \$2.36 | \$6,372.00 | \$2.10 | \$5,670.00 | \$2.00 | \$5,400.00 | \$2.18 | \$5,886.00 | \$2.10 | \$5,670.00 | \$2.10 | \$5,670.00 |
|  | 61 F\&1 TRACKING PADS | EA. |  | \$4,925.00 | \$700.00 | \$3,500.00 | \$2,434.22 | \$12,171.10 | \$1,200.00 | \$6,000.00 | \$500.00 | \$2,500.00 | \$1,0010.00 | \$5,050.00 | \$2,300.00 | \$11,500.00 | \$1,600.00 | \$8,000.00 |
|  | F\&I TEMPORARY DITCH CHECKS | EA. | 46 | \$7,682.00 | \$163.00 | \$7,498.00 | \$181.90 | \$8,367.40 | \$162.17 | \$7,459.82 | \$100.00 | \$4,600.00 | \$171.65 | \$7,895.90 | \$162.17 | \$7,459.82 | \$162.17 | \$7,459.82 |
|  | 63 STRIP \& STOCKPILE TOPSOIL (EST. 29,400 C.Y.) | L.S. |  | \$109,600.00 | \$80,895.00 | \$80,895.00 | \$62,257.31 | \$62,257.31 | \$52,000.00 | \$52,000.00 | \$110,000.00 | \$110,000.00 | \$110,859.57 | \$110,859.57 | \$52,000.00 | \$52,000.00 | \$107,000.00 | \$107,000.00 |
|  | 64 FURNISH COMMON EXCAVATION (EST. 18,525 C.Y.) | L.S. |  | \$79,500.00 | \$142,190.00 | \$142,190.00 | \$242,596.69 | \$242,596.69 | \$222,000.00 | \$222,000.00 | \$100,001.00 | \$100,001.00 | \$80,415.19 | \$80,415.19 | \$262,000.00 | \$262,000.00 | \$88,000.00 | \$88,000.00 |
|  | 65 INSTALL SALVAGED TOPSOLL (EST. 77,500 S.Y.) | L.S. |  | \$67,200.00 | \$1.00 | \$1.00 | \$28,762.71 | \$28,762.71 | \$25,000.00 | \$25,000.00 | \$32,000.00 | \$32,000.00 | \$67,994.01 | \$67,994.01 | \$25,000.00 | \$25,000.00 | \$36,500.00 | \$36,500.00 |
|  | 66 FURNISH EXCESS TOPSOIL DISPOSAL (EST. 20,400 C.Y.) | L.S. |  | \$1.00 | \$90,585.00 | \$90,585.00 | \$81,840.74 | \$81,840.74 | 50.01 | 50.01 | \$61,000.00 | \$61,000.00 | \$4,545.00 | \$4,545.00 | 50.01 | 50.01 | \$161,000.00 | \$161,000.00 |
|  | 67 FURNISH EXCESS SOIL DISPOSAL (EST. 2, 2,200 C.Y.) | L.S. |  | \$91,050.00 | \$8,000.00 | \$8,000.00 | \$38,112.74 | \$38,112.74 | \$25,000.00 | \$25,000.00 | \$12,400.00 | \$12,400.00 | \$92,118.57 | \$92,118.57 | \$25,000.00 | \$25,000.00 | \$28,000.00 | \$28,000.00 |
|  | 68 FURNISH FINE GRADING OF TOPSOIL IN TERRACES, DIT S | S.Y. | 74,700.00 | \$18,675.00 | \$0.78 | \$58,266.00 | 50.28 | \$20,916.00 | 50.22 | \$16,434.00 | \$0.35 | \$26,145.00 | 50.65 | \$48,555.00 | 50.22 | \$16,434.00 | 50.22 | \$16,434.00 |
|  | DISK, GRADE AND PREPARE LAND OUTSIDE CONSTRUप L | L.S. |  | \$9,950.00 | \$9,680.00 | \$9,680.00 | \$10,857.45 | \$10,857,45 | \$9,680.00 | \$9,680.00 | \$15,500.00 | \$15,500.00 | \$10,100.00 | \$10,100.00 | \$9,680.00 | 59,680.00 | \$9,680.00 | \$9,680.00 |
|  | 70 F\&l NO MOW FESCUE SEED AND CRIMPED MULCH Wris | S.Y. | 218,000.00 | \$130,800.00 | \$0.58 | \$126,440.00 | 50.65 | \$141,700.00 | \$0.58 | \$126,440.00 | \$0.50 | \$109,000.00 | 50.61 | \$132,980.00 | 50.58 | \$126,440.00 | 50.58 | \$126,440.00 |
|  | F\&I EROSION MAT, CLASS I, TYPE A WITH NO MOW FES | S.Y. | 13,300.00 | \$23,940.00 | \$1.77 | \$23,541.00 | \$1.99 | \$26,467.00 | 51.77 | \$23,541.00 | \$1.80 | \$23,940.00 | \$1.84 | \$24,472.00 | \$1.77 | \$23,541.00 | \$1.77 | \$23,541.00 |
|  | 72 F\&1 EROSION MAT, CLASS II, TYPE B WITH NO MOW FES S | S.Y. | 7,500.00 | \$18,000.00 | \$2.37 | \$17,775.00 | \$2.66 | \$19,950.00 | \$2.37 | \$17,775.00 | \$2.20 | \$16,500.00 | \$2.46 | \$18,450.00 | \$2.37 | \$17,775.00 | \$2.37 | \$17,775.00 |
|  | F\&1 SEED MIX \#2, FERTILIZER AND CRIMPED MULCH | S.Y. | 21,000.00 | \$16,800.00 | 50.79 | \$16,590.00 | 50.89 | \$18,690.00 | 50.79 | \$16,590.00 | 50.75 | \$15,750.00 | 50.82 | \$17,220.00 | 50.79 | \$17,590.00 | 50.79 | \$16,590.00 |
|  | 74 FURNISH REMOBLILZATION FOR R RSSORATION AFTER | L.S. |  | \$2,100.00 | \$2,000.00 | \$2,000.00 | \$2,243.27 | S2,243.27 | \$2,000.00 | S2,000.00 | \$5,000.00 | \$5,000.00 | \$2,020.00 | S2,020.00 | \$8,000.00 | \$8,000.00 | \$4,000.00 | \$4,000.00 |
|  | 75 F\&I TEMPORARY CONSTRUCTION SAFETY FENCE FOR 4 L | L.F. | 3,110.00 | \$11,507.00 | \$3.65 | \$11,351.50 | 54.07 | \$12,657.70 | 53.63 | \$11,289,30 | 53.00 | \$9,330.00 | 53.78 | \$11,755.80 | 53.63 | \$11,289.30 | 53.63 | \$11,289.30 |
|  | 76 FURNSH TRAFFIIC CONTROL | L.S. |  | \$3,600.00 | S3,500.00 | S3,500.00 | ${ }_{\text {S3,925.73 }}^{5102}$ | \$3,925.73 | \$3,500.00 | \$3,500.00 | \$10,000.00 | \$10,000.00 | 58,231.50 | \$8,231.50 | \$18,500.00 | \$118,500.00 | \$3,500.00 | \$3,500.00 |
|  | 77 FURNISH TRAFFIC CONTROL FOR MIDWAY ROAD CLOS ${ }^{\text {LS }}$ | L.S. |  | \$8,430.00 | \$11,200.00 | \$11,200.00 | \$9,197.42 | \$9,197.42 | \$8,200.00 | \$8,200.00 | \$15,000.00 | \$15,000.00 | \$6,565.00 | \$6,565.00 | \$8,200.00 | \$8,200.00 | \$8,200.00 | \$8,200.00 |
|  | FURNISH AND INSTALL SOIL STABBLIZER, TYPE B, IN TERS | S.Y. | 11,200.00 | \$3,360.00 | \$0.27 | \$3,024.00 | \$0.30 | \$3,360.00 | \$0.27 | \$3,024.00 | \$0.25 | \$2,800.00 | 50.28 | \$3,136.00 | 50.27 | \$3,024.00 | 50.27 | \$3,024.00 |
| Base Bid |  |  |  | \$2,375,995.77 |  | \$2,397, 334.41 |  | \$2,493,252.15 |  | \$2,493,349.40 |  | \$2,538,548.13 |  | \$2,623,754.75 |  | \$2,776,165.30 |  | \$2,898,682.05 |



To: Chairperson Brad Firkus and Members of the Finance Committee
From: Chris Stempa, Utilities Director
CC: Kelli Rindt, Enterprise Fund Accounting Manager

Date: March 6, 2024

## Re: Information: Change Order \#4 to Staab Construction contract as part of the AWWTP Phase I Belt Filter Press Equipment Upgrades Project totaling \$15,629 resulting in a decrease in contingency from \$755,297 to \$739,668

## BACKGROUND:

On December 7, 2022, Common Council approved a contract for the Appleton Wastewater Treatment Plant (AWWTP) Phase I Belt Filter Press Equipment Upgrades Project to Staab Construction in the amount of $\$ 5,063,000$ with $15 \%$ contingency of $\$ 759,450$ for a project total not to exceed $\$ 5,822,450$. The change order tasks summarized within Table 1 represent work added to the original contract scope of work (per Section IV P of the Procurement and Contract Management Policy) or deleted from, which alters the original contract amount.

## CHANGE ORDER \#4

Change Order \#4 reflects the labor and material costs demolish the existing sludge grinder system in lower level of V-Building, replace two (2) 8-inch plug valves on inlet to digested sludge, demolish fume hood over polymer area, and change the motorized dampener to a grill, and provide a differential pressure transmitter. A $\$ 1,782$ credit was provided to forgo demolition of piping and providing new HWS/HWR piping to heater within the former loadout scale room.

Table 1: Change Order (CO) Summary

| CO\# | Cost | Description |
| :---: | :---: | :--- |
| CO\#1 | $-\$ 22,725$ | Cost for filtrate pipe, credits for reusing aluminum grating, elimination of 4 <br> plug valves, and drainpipe material change |
| CO\#2 | $\$ 6,625$ | Costs for Martin tensioner, temperature control module, relocation of BFP <br> control panels, and credit for elimination of conveyor pan. |
| CO\#3 | $\$ 20,253$ | Costs for hoist removal, installation of seven lintels to support new HVAC <br> ductwork, demo of waste pipe and flow meter, RFE line extension and <br> installation of nine flush connections for new BFP pumps. Deducts <br> provided for the elimination of the 1-inch diameter flush connection copper <br> piping and electrical feeder panel. |
| $\mathbf{C O \# 4}$ | $\mathbf{\$ 1 5 , 6 2 9}$ | Demo grinder pump, concrete base, ductile iron pipe, and electrical <br> Credit $\mathbf{( \$ 1 , 7 8 2})$ to forgo heater/piping removal in former truck scale <br> room |
| Total | $\mathbf{\$ 1 9 , 7 8 2}$ |  |

The $\$ 19,782$ through Change Order \#4 represents $2.6 \%$ of the original $\$ 759,450$ of approved contingency. Project final completion is currently projected to occur in June 2024.

Please contact me at 920-832-5945 if you have any questions or require additional information regarding this project.


To: Chairperson Brad Firkus and Members of the Finance Committee
From: Chris Stempa, Utilities Director
CC: Kelli Rindt, Enterprise Fund Accounting Manager
Date: March 6, 2024
Re: Information: Change Orders \#15 and \#16 to Miron Construction contract as part of the AWWTP Sludge Storage Building Addition Construction Project totaling $\$ 5,379$ resulting in a decrease in contingency from \$522,005 to $\$ 516,626$

## BACKGROUND:

On July 20, 2022, Common Council approved a contract for the Appleton Wastewater Treatment Plant (AWWTP) Sludge Storage Building Addition Construction Project to Miron Construction in the amount of $\$ 5,330,989$ with $15 \%$ contingency of $\$ 799,648$ for a project total not to exceed $\$ 6,130,637$. The change order tasks summarized within Table 1 on page 2 represent work added to the original contract scope of work (per Section IV P of the Procurement and Contract Management Policy) or deleted from, which alters the original contract amount.

## CHANGE ORDER \#15

Change Order \#15 reflects a no cost change order to incorporate remote fan control in lieu of individual local stop-start pushbutton controls described within the project specifications. The new Motor Control Center fan start-stop controls would be eliminated from the plans and instead new wires landed to a single remote switch in an auxiliary panel. This change would make the new building addition exhaust fan operation consistent with the control strategy of the existing exhaust fans that support the other sludge storage buildings.

## CHANGE ORDER \#16

Change Order \#16 reflects labor and material costs to fabricate an additional removable concrete wall plank section. The additional wall plank would replace an existing concrete wall plank that was originally fabricated to match the contoured concrete floor of the original 1983 Sludge Storage Building. That floor has since been replaced with a simplified design that does not conform with one of the former concrete wall planks.

Table 1: Change Order (CO) Summary

| CO \# | Cost | Description |
| :---: | ---: | :--- |
| CO\#1 | $\$ 28,171.18$ | Revised face brick from specified manufacturer to match existing |
| CO\#2 | $\$ 30,235.78$ | Changes to stormwater design |
| CO\#3 | $\$ 50,910.19$ | Changes to road pavement from flexible asphalt to concrete. |
| CO\#4 | $\$ 15,607.16$ | Fire access lane extension and revise storage pad configuration. |
| CO\#5 | $\$ 43,722.80$ | Light pole and circuit relocation, lintel support, steel column couplers |
| CO\#6 | $\$ 46,436.94$ | Eight removable precast retaining wall sections and bent plate for <br> removable walls. |
| CO\#7 | $\$ 10,875.79$ | Extend existing height of existing walk plank columns, relocation of <br> conveyor speed switch, louver opening modifications, wall extension, and <br> credit for reusing existing electrical conduit. |
| CO\#8 | $\$ 21,496.52$ | Steel reinforcement of the existing wall plank columns. <br> CO\#9 |
| $\$ 2,942.55$ | Demolition of lime screw auger assembly and controls, solid trench drain <br> covers, modification to conveyor plow drop chute, and credit for plow hand <br> actuators in lieu of electric actuators. |  |
| CO\#10 | $\$ 9,659.30$ | Replace existing east overhead door track door with a new coiling door |
| CO\#11 | $\$ 7,044.35$ | Explosion proof coiling door operator and controls. |
| CO\#12 | $\$ 7,487.77$ | Painting/coating for additional steel fabrication associated with CO\#6 \& \#8. |
| CO\#13 | $\$ 5,081.53$ | East conveyor catwalk modifications. |
| CO\#14 | $+\$ 2,028.60$ | Credit to eliminate east conveyor drip pans. |
| $\mathbf{C O \# 1 3}$ | $\mathbf{0 . 0 0}$ | Provide remote exhaust fan control in lieu of stop start pushbutton control |
| $\mathbf{C O \# 1 4}$ | $\mathbf{\$ 5 , 3 7 8 . 5 1}$ | Provide an additional removable wall plank |
| $\mathbf{T o t a l}$ | $\mathbf{\$ 2 8 3 , 0 2 1 . 7 7}$ |  |

The $\$ 283,021.77$ in costs through Change Order \#16 represents $35 \%$ of the original $\$ 799,648$ of approved contingency. Substantial completion was obtained later in February with the formal commissioning of the conveyor systems and fire suppression deluge system. Final completion will not occur until May or June 2024.

Please contact me at 920-832-5945 if you have any questions or require additional information regarding this project.

