
AGENDA ITEM SUMMARY

Subject: Consider Resolution 125-21 approving Payment Request No. 24 for the WRRF Project

Recommendation: Approve Resolution No. 125-21

Background Summary:

Work is continuing on the Water Resource Recovery Facility (WRRF) project. Payment Request No. 24 is in the amount of \$223,196.91. Including this payment, a total of \$14,817,276.64 has been paid to Portzen.

Nearly all of the work for the October payment related to oxidation ditch equipment, other electrical equipment, and wiring work. FOX Engineering has reviewed the payment request and recommended approval of the payment.

We recommend approval of Resolution 125-21 for Pay Request No. 24 for the WRRF Project.

Contractor's Application for Payment No. #24

| | | | |
|--|--|--------------------------------------|--|
| Application Period: 9/1/2021 - 09/30/2021 | | Application Date: 10/5/2021 | |
| To (Owner): CITY OF CHARLES CITY | From (Contractor): PORTZEN CONSTRUCTION, INC | Via (Engineer): FOX ENGINEERING, INC | |
| Project: CHARLES CITY WATER RESOURCE RECOVERY FACILITY | Contract: 1920876-01 | | |
| Owner's Contract No.: 1920876-01 | Contractor's Project No.: 19-18 | Engineer's Project No.: 2389-15A | |

**Application For Payment
Change Order Summary**

| Number | Additions | Deductions |
|------------------------------------|---------------------|--------------------|
| CO #1 | | \$16,545.53 |
| CO #2 | \$63,090.13 | |
| CO #3 | \$260,323.36 | |
| CO #4 | \$91,924.00 | |
| CO #5 | \$59,049.74 | |
| CO #6 | \$42,930.15 | |
| TOTALS | \$517,317.38 | \$16,545.53 |
| NET CHANGE BY CHANGE ORDERS | \$500,771.85 | |

| | |
|--|------------------|
| 1. ORIGINAL CONTRACT PRICE..... | \$ 16,948,000.00 |
| 2. Net change by Change Orders..... | \$ 500,771.85 |
| 3. Current Contract Price (Line 1 ± 2)..... | \$ 17,448,771.85 |
| 4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)..... | \$ 15,597,133.30 |
| 5. RETAINAGE: | |
| a. 5% X \$14,973,638.48 Work Completed..... | \$ 748,681.92 |
| b. 5% X \$623,494.82 Stored Material..... | \$ 311,747.41 |
| c. Total Retainage (Line 5.a + Line 5.b)..... | \$ 1,060,429.33 |
| 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... | \$ 14,817,276.64 |
| 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... | \$ 14,594,079.73 |
| 8. AMOUNT DUE THIS APPLICATION..... | \$ 223,196.91 |
| 9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)..... | \$ 2,631,495.22 |

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following
 (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment,
 (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances), and
 (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By: [Signature] Date: 10/5/2021

Payment of: \$ 223,196.91
 (Line 8 or other - attach explanation of the other amount)

is recommended by: [Signature] 10/11/21
 (Engineer) (Date)

Payment of: \$ _____
 (Line 8 or other - attach explanation of the other amount)

is approved by: _____
 (Owner) (Date)

Approved by: _____
 Funding or Financing Entity (if applicable) (Date)

Progress Estimate - Lump Sum Work

Contractor's Application

6/1/2021

| For (Contract): CHARLES CITY WATER RESOURCE RECOVERY FACILITY | | | Application Number: #24 | | | | | |
|---|--|----------------------|---------------------------------|-------------|--|--|-----------|---------------------------|
| Application Period: 9/1/2021 - 09/30/2021 | | | Application Date: 10/5/2021 | | | | | |
| A | | B | Work Completed | | E | F | | G |
| Specification Section No. | Description | Scheduled Value (\$) | C | D | Materials Presently Stored (not in C or D) | Total Completed and Stored to Date (C + D + E) | % (F / B) | Balance to Finish (B - F) |
| | | | From Previous Application (C+D) | This Period | | | | |
| 01 11 00 | BONDS & INSURANCE | \$151,200.00 | \$151,200.00 | | | \$151,200.00 | 100.0% | |
| 01 11 00 | MOBILIZATION | \$21,400.00 | \$21,400.00 | | | \$21,400.00 | 100.0% | |
| 01 11 00 | PROJECT MANAGEMENT | \$406,400.00 | \$329,063.00 | \$8,593.00 | | \$337,656.00 | 83.1% | \$68,744.00 |
| 01 50 00 | TEMPORARY FACILITIES & CONTROLS | \$79,800.00 | \$61,826.00 | \$1,634.00 | | \$63,460.00 | 79.5% | \$16,340.00 |
| 01 11 00 | SURVEYING | \$19,300.00 | \$16,035.00 | | | \$16,035.00 | 83.1% | \$3,265.00 |
| 01 11 00 | DAILY CLEANING | \$31,500.00 | \$25,613.00 | \$841.00 | | \$26,454.00 | 84.0% | \$5,046.00 |
| 01 11 00 | FINAL CLEANING | \$15,800.00 | | | | | | \$15,800.00 |
| 01 11 00 | SAFETY | \$21,000.00 | \$17,086.00 | \$559.00 | | \$17,645.00 | 84.0% | \$3,355.00 |
| 01 11 00 | LODGING | \$157,500.00 | \$128,171.00 | \$4,189.00 | | \$132,360.00 | 84.0% | \$25,140.00 |
| 01 11 00 | ALLOWANCE - NEWFORMA CONSTRUCTEX | \$10,050.00 | \$10,050.00 | | | \$10,050.00 | 100.0% | |
| 01 11 00 | SITE MOBILIZATION | \$183,800.00 | \$165,412.00 | | | \$165,412.00 | 90.0% | \$18,388.00 |
| 01 42 10 | EROSION CONTROL & SEEDING | \$179,700.00 | \$71,525.00 | | | \$71,525.00 | 39.8% | \$108,175.00 |
| 02 41 00 | SELECTIVE DEMOLITION | \$63,800.00 | \$21,345.00 | | | \$21,345.00 | 33.5% | \$42,455.00 |
| 02 41 00 | SITE DEMOLITION | \$699,450.00 | \$335,670.00 | | | \$335,670.00 | 48.0% | \$363,780.00 |
| 31 23 00 | OXIDATION DITCH EXCAVATION & BACKFILL | \$504,000.00 | \$478,800.00 | \$25,200.00 | | \$504,000.00 | 100.0% | |
| 31 23 00 | HEADWORKS BUILDING EXCAVATION & BACKFILL | \$176,400.00 | \$167,580.00 | | | \$167,580.00 | 95.0% | \$8,820.00 |
| 31 23 00 | EQUILIZATION BASIN EXCAVATION | \$126,000.00 | \$126,000.00 | | | \$126,000.00 | 100.0% | |
| 31 23 00 | REED BEDS EXCAVATION | \$724,500.00 | \$724,500.00 | | | \$724,500.00 | 100.0% | |
| 31 05 19.16 | SYNTHETIC LINER | \$300,800.00 | \$300,800.00 | | | \$300,800.00 | 100.0% | |
| 22 11 16 | WATER MAIN | \$290,500.00 | \$290,016.03 | \$483.97 | | \$290,500.00 | 100.0% | |
| 01 42 10 | STORM SEWER | \$61,300.00 | \$61,300.00 | | | \$61,300.00 | 100.0% | |
| 40 05 00 | SANITARY DRAIN PIPING | \$53,983.00 | \$53,983.00 | | | \$53,983.00 | 100.0% | |
| 40 05 00 | FCI PIPING | \$167,258.00 | \$156,033.00 | | \$2,009.00 | \$158,042.00 | 94.5% | \$9,216.00 |
| 40 05 00 | RAS PIPING | \$161,240.00 | \$152,850.00 | | | \$152,850.00 | 94.8% | \$8,390.00 |
| 40 05 00 | SI PIPING | \$60,836.00 | \$60,836.00 | | | \$60,836.00 | 100.0% | |
| 40 05 00 | WAS PIPING | \$10,650.00 | \$9,050.00 | | | \$9,050.00 | 85.0% | \$1,600.00 |
| 40 05 00 | PLI PIPING | \$78,920.00 | \$78,920.00 | | | \$78,920.00 | 100.0% | |
| 46 73 70 | REED BED DRAIN PIPING | \$619,599.00 | \$619,599.00 | | | \$619,599.00 | 100.0% | |
| 40 05 00 | FEQ FM PIPING | \$202,980.00 | \$202,980.00 | | | \$202,980.00 | 100.0% | |
| 01 42 10 | SAN PIPE | \$9,464.00 | | | \$2,349.00 | \$2,349.00 | 24.8% | \$7,115.00 |
| 40 05 00 | FM PIPING | \$5,717.00 | | | \$1,577.47 | \$1,577.47 | 27.6% | \$4,139.53 |
| 23 11 23 | GAS PIPING | \$25,332.00 | \$24,732.00 | \$600.00 | | \$25,332.00 | 100.0% | |
| 01 42 10 | PRECAST STRUCTURES | \$106,621.00 | \$106,621.00 | | | \$106,621.00 | 100.0% | |
| 46 73 70 | SITE AIR PIPING | \$31,400.00 | \$27,650.00 | \$3,750.00 | | \$31,400.00 | 100.0% | |
| 31 23 00 | PAVEMENT SUBBASE | \$89,200.00 | \$35,700.00 | | | \$35,700.00 | 40.0% | \$53,500.00 |
| 03 30 00 | PAVING | \$182,000.00 | \$25,000.00 | | | \$25,000.00 | 13.7% | \$157,000.00 |
| 01 42 10 | FENCING & GATES | \$110,800.00 | \$53,035.00 | | | \$53,035.00 | 47.9% | \$57,765.00 |
| 03 30 00 | REINFORCING STEEL | \$1,027,000.00 | \$1,026,300.00 | | | \$1,026,300.00 | 99.9% | \$700.00 |
| 03 33 00 | STRUCTURE 15 - EQUILIZATION BASIN | \$7,500.00 | \$7,500.00 | | | \$7,500.00 | 100.0% | |

Progress Estimate - Lump Sum Work

Contractor's Application

6/1/2021

| For (Contract): CHARLES CITY WATER RESOURCE RECOVERY FACILITY | | | Application Number: #24 | | | | | |
|---|--|----------------------|---------------------------------|-------------|--|--|-----------|---------------------------|
| Application Period: 9/1/2021 - 09/30/2021 | | | Application Date: 10/5/2021 | | | | | |
| | | Work Completed | | E | F | | G | |
| A | | B | C | D | Materials Presently Stored (not in C or D) | Total Completed and Stored to Date (C + D + E) | % (F / B) | Balance to Finish (B - F) |
| Specification Section No. | Description | Scheduled Value (\$) | From Previous Application (C+D) | This Period | | | | |
| 03 33 00 | STRUCTURE 20 - HEADWORKS BUILDING | \$384,200.00 | \$384,200.00 | | | \$384,200.00 | 100.0% | |
| 03 33 00 | STRUCTURE 30 - OXIDATION DITCH - FOOTING | \$619,800.00 | \$619,800.00 | | | \$619,800.00 | 100.0% | |
| 03 33 00 | STRUCTURE 30 - OXIDATION DITCH - WALLS | \$1,227,400.00 | \$1,227,400.00 | | | \$1,227,400.00 | 100.0% | |
| 03 33 00 | STRUCTURE 30 - OXIDATION DITCH - SUSPENDED SLABS | \$561,200.00 | \$561,200.00 | | | \$561,200.00 | 100.0% | |
| 03 33 00 | STRUCTURE 40 - BLOWER BUILDING | \$31,600.00 | \$28,383.00 | | | \$28,383.00 | 89.8% | \$3,217.00 |
| 03 33 00 | STRUCTURE 80 - REED BEDS | \$440,600.00 | \$440,600.00 | | | \$440,600.00 | 100.0% | |
| 03 41 00 | PRECAST CONCRETE | \$333,600.00 | \$333,600.00 | | | \$333,600.00 | 100.0% | |
| 04 22 00 | MASONRY | \$19,400.00 | \$5,392.00 | | | \$5,392.00 | 27.8% | \$14,008.00 |
| 05 50 00 | METAL FABRICATIONS | \$164,600.00 | \$164,600.00 | | | \$164,600.00 | 100.0% | |
| 05 51 19 | METAL STAIRS | \$112,500.00 | \$112,500.00 | | | \$112,500.00 | 100.0% | |
| 05 52 13 | PIPE RAILINGS | \$158,400.00 | \$157,005.00 | \$1,395.00 | | \$158,400.00 | 100.0% | |
| 05 53 13 | METAL GRATING | \$69,300.00 | \$64,796.00 | \$4,504.00 | | \$69,300.00 | 100.0% | |
| 06 10 53 | WOOD BLOCKING | \$4,800.00 | \$4,800.00 | | | \$4,800.00 | 100.0% | |
| 07 53 23 | EPDM ROOFING & SHEET METAL | \$42,200.00 | \$42,200.00 | | | \$42,200.00 | 100.0% | |
| 07 92 00 | JOINT SEALANTS | \$15,800.00 | \$15,800.00 | | | \$15,800.00 | 100.0% | |
| 08 11 13 | DOORS, FRAMES, & HARDWARE | \$35,200.00 | \$33,280.00 | | | \$33,280.00 | 94.5% | \$1,920.00 |
| 08 31 10 | ACCESS DOORS | \$9,100.00 | \$6,690.00 | | \$912.00 | \$7,602.00 | 83.5% | \$1,498.00 |
| 08 33 23 | OVERHEAD COILING DOORS | \$28,500.00 | | \$28,500.00 | | \$28,500.00 | 100.0% | |
| 09 96 00 | HIGH PERFORMANCE COATINGS | \$18,300.00 | \$12,050.00 | \$1,940.00 | | \$13,990.00 | 76.4% | \$4,310.00 |
| 10 14 00 | SIGNAGE | \$15,400.00 | | | | | | \$15,400.00 |
| 10 80 00 | FIRE EXTINGUISHERS | \$1,000.00 | \$355.00 | | | \$355.00 | 35.5% | \$645.00 |
| 46 21 73 | SCREENING, WASHING, & COMPACTING EQUIPMENT | \$151,700.00 | \$151,700.00 | | | \$151,700.00 | 100.0% | |
| 46 23 23 | FORCED VORTEX GRIT SYSTEM | \$142,200.00 | \$142,200.00 | | | \$142,200.00 | 100.0% | |
| 46 24 33 | OPEN CHANNEL GRINDER | \$67,000.00 | | | \$59,086.80 | \$59,086.80 | 88.2% | \$7,913.20 |
| 46 41 43 | SIDE ENTRY TANK MIXER | \$63,400.00 | | | \$47,830.00 | \$47,830.00 | 75.4% | \$15,570.00 |
| 46 51 21 | AERATION EQUIPMENT | \$69,500.00 | \$6,426.00 | | \$60,031.21 | \$66,457.21 | 95.6% | \$3,042.79 |
| 46 53 61 | OXIDATION DITCH EQUIPMENT | \$820,000.00 | \$760,475.00 | \$59,525.00 | | \$820,000.00 | 100.0% | |
| 40 05 59 | HYDRAULIC & STOP GATES | \$113,000.00 | \$101,600.00 | | \$5,700.00 | \$107,300.00 | 95.0% | \$5,700.00 |
| 43 23 13 | RECESSED IMPELLER CENTRIFUGAL PUMP | \$20,900.00 | \$20,900.00 | | | \$20,900.00 | 100.0% | |
| 43 25 00 | SUBMERSIBLE PUMPS | \$281,000.00 | | | \$269,540.00 | \$269,540.00 | 95.9% | \$11,460.00 |
| 40 05 59 | TEMPORARY BAFFLE PANEL | \$4,600.00 | \$3,260.00 | | | \$3,260.00 | 70.9% | \$1,340.00 |
| 22 00 00 | PLUMBING & PROCESS PIPING MATERIALS | \$621,600.00 | \$542,741.58 | | \$46,075.00 | \$588,816.58 | 94.7% | \$32,783.42 |
| 22 00 00 | PLUMBING & PROCESS PIPING LABOR | \$324,700.00 | \$278,040.00 | \$25,250.00 | | \$303,290.00 | 93.4% | \$21,410.00 |
| 23 05 53 | HVAC EQUIPMENT | \$474,600.00 | \$355,979.00 | | | \$355,979.00 | 75.0% | \$118,621.00 |
| 23 00 00 | HVAC MATERIALS | \$112,100.00 | \$78,445.00 | | | \$78,445.00 | 70.0% | \$33,655.00 |
| 23 00 00 | HVAC LABOR | \$67,400.00 | \$47,198.00 | | | \$47,198.00 | 70.0% | \$20,202.00 |
| 23 07 13 | HVAC INSULATION | \$4,700.00 | | | | | | \$4,700.00 |
| 23 05 93 | TESTING, ADJUSTING, & BALANCING | \$5,600.00 | | | | | | \$5,600.00 |
| 26 05 00 | BASIC ELECTRICAL MATERIALS | \$82,500.00 | \$33,988.00 | | \$14,768.00 | \$48,756.00 | 59.1% | \$33,744.00 |

Progress Estimate - Lump Sum Work

Contractor's Application

6/1/2021

| For (Contract): CHARLES CITY WATER RESOURCE RECOVERY FACILITY | | | Application Number: #24 | | | | | |
|---|---|---------------------------|---------------------------------|---------------------|--|--|-----------|---------------------------|
| Application Period: 9/1/2021 - 09/30/2021 | | | Application Date: 10/5/2021 | | | | | |
| | | Work Completed | | E | F | | G | |
| Specification Section No. | A Description | B Scheduled Value (\$) | C | | Materials Presently Stored (not in C or D) | Total Completed and Stored to Date (C + D + E) | % (F / B) | Balance to Finish (B - F) |
| | | | From Previous Application (C+D) | D This Period | | | | |
| 26 05 36 | CONDUIT | \$76,600.00 | \$24,453.00 | \$17,850.00 | \$2,342.00 | \$44,645.00 | 58.3% | \$31,955.00 |
| 26 05 19 | WIRE | \$184,600.00 | \$87,998.00 | \$45,150.00 | \$21,230.59 | \$154,378.59 | 83.6% | \$30,221.41 |
| 26 24 16 | ELECTRICAL DISTRIBUTION EQUIPMENT | \$493,900.00 | \$330,801.00 | \$115,500.00 | \$45,344.00 | \$491,645.00 | 99.5% | \$2,255.00 |
| 26 32 13 | GENERATOR | \$308,400.00 | \$304,093.65 | | | \$304,093.65 | 98.6% | \$4,306.35 |
| 26 36 23 | TRANSFER SWITCH | \$52,200.00 | \$52,200.00 | | | \$52,200.00 | 100.0% | |
| 26 50 00 | FIXTURES | \$68,300.00 | \$58,725.00 | | \$9,103.96 | \$67,828.96 | 99.3% | \$471.04 |
| 26 00 00 | MANHOLES & HANDHOLES | \$39,200.00 | \$23,736.00 | \$300.00 | \$10,711.97 | \$34,747.97 | 88.6% | \$4,452.03 |
| 26 00 00 | I&C ENGINEERING | \$44,100.00 | \$44,100.00 | | | \$44,100.00 | 100.0% | |
| 26 00 00 | I&C INSTRUMENTATION | \$78,300.00 | \$67,780.00 | \$5,000.00 | \$5,000.00 | \$77,780.00 | 99.3% | \$520.00 |
| 26 00 00 | I&C CONTROL PANELS | \$176,400.00 | \$87,559.00 | \$31,500.00 | \$17,723.00 | \$136,782.00 | 77.5% | \$39,618.00 |
| 26 00 00 | I&C ONSITE SERVICES | \$22,000.00 | \$4,200.00 | | | \$4,200.00 | 19.1% | \$17,800.00 |
| 26 00 00 | ELECTRICAL LABOR - SITE | \$203,900.00 | \$38,455.00 | \$8,245.00 | | \$46,700.00 | 22.9% | \$157,200.00 |
| 26 00 00 | ELECTRICAL LABOR - LIFT STATION | \$51,000.00 | | | | | | \$51,000.00 |
| 26 00 00 | ELECTRICAL LABOR - HEADWORKS | \$96,900.00 | \$74,047.00 | \$22,853.00 | | \$96,900.00 | 100.0% | |
| 26 00 00 | ELECTRICAL LABOR - OXIDATION DITCH | \$86,600.00 | \$82,345.00 | \$4,255.00 | | \$86,600.00 | 100.0% | |
| 26 00 00 | ELECTRICAL LABOR - BLOWER BUILDING | \$45,900.00 | | | | | | \$45,900.00 |
| 26 00 00 | ELECTRICAL LABOR - MISC | \$25,600.00 | | | | | | \$25,600.00 |
| CO #1 | CHANGE ORDER #1 (CPR's 4, 7, 13, 15, & 16) | (\$16,545.53) | (\$16,545.53) | | | (\$16,545.53) | 100.0% | |
| CO #2 | CHANGE ORDER #2 (CPR's 8, 10R, 12, 14, 20, 23, 24R, 25, & 26) | \$63,090.13 | \$44,788.88 | | \$2,160.82 | \$46,949.70 | 74.4% | \$16,140.43 |
| CO #3 | CHANGE ORDER #3 (WORK SUSPENSION) | \$260,323.36 | \$244,723.32 | | | \$244,723.32 | 94.0% | \$15,600.04 |
| CO #4 | CHANGE ORDER #4 (CPR's 2, 18R, 19R, 21, & 22) | \$91,924.00 | \$91,924.00 | | | \$91,924.00 | 100.0% | |
| CO #5 | CHANGE ORDER #5 (CPR's 17 & 27R) | \$59,049.74 | | \$11,327.14 | | \$11,327.14 | 19.2% | \$47,722.60 |
| CO #6 | CHANGE ORDER #6 (CPR's 31, 34, 35, 36, 40, 41, & WCD #2) | \$42,930.15 | \$17,526.44 | | | \$17,526.44 | 40.8% | \$25,403.71 |
| Totals | | \$17,448,771.85 | \$14,544,694.37 | \$428,944.11 | \$623,494.82 | \$15,597,133.30 | | \$1,851,638.55 |

Stored Material Summary

Contractor's Application

| For (Contract): CHARLES CITY WATER RESOURCE RECOVERY FACILITY | | | | | Application Number: #24 | | | | | | |
|---|--------------------------------|--|------------------|--|---------------------------------------|--------------|-------------------------------|--|----------------------|--------------|---|
| Application Period: 9/1/2021 - 09/30/2021 | | | | | Application Date: 10/5/2021 | | | | | | |
| Bid Item No. | Supplier Invoice No. | Submittal No. (with Specification Section No.) | Storage Location | Description of Materials or Equipment Stored | D | | E | Subtotal Amount Completed and Stored to Date (D + E) | F | | G |
| | | | | | Stored Previously | | | | Incorporated in Work | | |
| | | | | | Date Placed into Storage (Month/Year) | Amount (\$) | Amount Stored this Month (\$) | | Date (Month/Year) | Amount (\$) | Materials Remaining in Storage (\$ (D + E - F)) |
| N/A | 24042 | 40 05 67-0001-01 | On-Site | (QTY: 62) Trumbull Floor Type PRV Valves | 10/2019 | \$12,152.00 | | \$12,152.00 | 1/2020 | \$12,152.00 | |
| N/A | RGIN02001855 | 40 05 71-0001-03 | On-Site | (QTY: 2) RW Gate MUD Valves | 12/2019 | \$6,384.00 | | \$6,384.00 | 5/2021 | \$6,384.00 | |
| N/A | 7921085-00 | 014210-5010-0001-01 | On-Site | (QTY: 640) 16" Water Main | 12/2019 | \$34,320.00 | | \$34,320.00 | 6/2020 | \$34,320.00 | |
| N/A | 7920796-00 | 40 05 00-0005-00 | On-Site | 4" & 6" Drain Piping | 12/2019 | \$7,434.20 | | \$7,434.20 | 1/2020 | \$7,434.20 | |
| N/A | 7920796-01 | 40 05 00-0005-00 | On-Site | 4" & 6" Drain Piping | 12/2019 | \$201.31 | | \$201.31 | 11/2020 | \$201.31 | |
| N/A | 7920796-00 | 40 05 00-0005-00 | On-Site | 16" Water Main | 12/2019 | \$4,037.87 | | \$4,037.87 | 1/2020 | \$4,037.87 | |
| N/A | 7920796-01 | 40 05 00-0005-00 | On-Site | 16" Water Main | 12/2019 | \$5,035.50 | | \$5,035.50 | 6/2020 | \$5,035.50 | |
| N/A | 7920796-03 | 40 05 00-0005-00 | On-Site | 4" & 6" Drain Piping | 1/2020 | \$133.43 | | \$133.43 | 10/2020 | \$133.43 | |
| N/A | 7924675-00 | 40 05 00-0005-00 | On-Site | 4" & 6" Drain Piping | 1/2020 | \$245.43 | | \$245.43 | 10/2020 | \$245.43 | |
| N/A | 7930294-00 | 40 05 00-0007-00 | On-Site | Reed Bed Piping | 1/2020 | \$814.96 | | \$814.96 | 10/2020 | \$814.96 | |
| N/A | 7930165-00 | 40 05 00-0009-00 | On-Site | 20" FEQ Piping | 1/2020 | \$2,350.60 | | \$2,350.60 | 7/2020 | \$2,350.60 | |
| N/A | 7929289-01 | 40 05 00-0007-00 | On-Site | Reed Bed Piping | 1/2020 | \$15,530.01 | | \$15,530.01 | 7/2020 | \$15,530.01 | |
| N/A | 7930165-01 | 40 05 00-0009-00 | On-Site | 20" FEQ Piping | 1/2020 | \$1,178.36 | | \$1,178.36 | 9/2020 | \$1,178.36 | |
| N/A | 7929289-00 | 40 05 00-0007-00 40 05 00-0008-01 | On-Site | Reed Bed Piping | 1/2020 | \$19,168.60 | | \$19,168.60 | 7/2020 | \$19,168.60 | |
| N/A | 7929558-00 | 40 05 00-0009-00 | On-Site | 20" FEQ Piping | 1/2020 | \$19,234.78 | | \$19,234.78 | 9/2020 | \$19,234.78 | |
| N/A | 7931021-00 | 40 05 00-0008-01 | On-Site | Reed Bed Piping | 1/2020 | \$24,434.60 | | \$24,434.60 | 9/2020 | \$24,434.60 | |
| N/A | 7921085-01 | 40 05 00-0005-00 | On-Site | 16" Water Main | 1/2020 | \$20,377.50 | | \$20,377.50 | 6/2020 | \$20,377.50 | |
| N/A | 7929209-01 | 40 05 00-0005-00 | On-Site | 4" & 6" Drain Piping | 1/2020 | \$588.00 | | \$588.00 | | \$588.00 | |
| N/A | 7929209-02 | 40 05 00-0005-00 | On-Site | 16" Water Main | 2/2020 | \$883.05 | | \$883.05 | 6/2020 | \$883.05 | |
| N/A | 7929558-01 | 40 05 00-0009-00 | On-Site | 20" FEQ Piping | 2/2020 | \$19,234.78 | | \$19,234.78 | 9/2020 | \$19,234.78 | |
| N/A | 7932578-00 | 40 05 00-0005-00 | On-Site | 6" Water Pipe | 2/2020 | \$144.00 | | \$144.00 | 11/2020 | \$144.00 | |
| N/A | 7920796-04 | 40 05 00-0005-00 | On-Site | 4" & 6" Drain Piping | 2/2020 | \$5,098.13 | | \$5,098.13 | 10/2020 | \$5,098.13 | |
| N/A | 7932578-01 | 014210-5020-02-01 | On-Site | Waterous Hydrant | 2/2020 | \$2,676.47 | | \$2,676.47 | 10/2020 | \$2,676.47 | |
| N/A | 7937402-00 | 40 05 00-0009-00 | On-Site | 20" FEQ Piping | 2/2020 | \$14,667.64 | | \$14,667.64 | 9/2020 | \$14,667.64 | |
| N/A | 7929558-02 | 40 05 00-0009-00 | On-Site | 20" FEQ Piping | 2/2020 | \$11,949.00 | | \$11,949.00 | 10/2020 | \$11,949.00 | |
| N/A | 00068925.1 | 08 31 10-0001-01 | On-Site | Access Hatch & Basket | 2/2020 | \$2,403.43 | | \$2,403.43 | 8/2021 | \$1,491.43 | \$912.00 |
| N/A | 13791356-00 | 03 30 00-0004-01 | On-Site | Oxidation Ditch Slab Rebar | 2/2020 | \$14,904.00 | | \$14,904.00 | 5/2020 | \$14,904.00 | |
| N/A | 7936359-00 | 40 05 00-0009-00 | On-Site | 20" FEQ Piping | 3/2020 | \$2,276.00 | | \$2,276.00 | 7/2020 | \$2,276.00 | |
| N/A | 7929558-02 | 40 05 00-0009-00 | On-Site | 20" FEQ Piping | 3/2020 | \$11,949.00 | | \$11,949.00 | 7/2020 | \$11,949.00 | |
| N/A | 7946852-00 | 40 05 00-0013-00 | On-Site | 4" WAS FM Pipe & Fittings | 3/2020 | \$4,157.13 | | \$4,157.13 | | \$4,157.13 | |
| N/A | 7937402-01 | 40 05 00-0009-00 | On-Site | 20" FEQ Piping | 3/2020 | \$1,472.95 | | \$1,472.95 | 9/2020 | \$1,472.95 | |
| N/A | 7946952-00 | 46 73 70-0005-01 | On-Site | 6" Reed Bed Biosolids Pipe & Fittings | 3/2020 | \$22,048.32 | | \$22,048.32 | 9/2020 | \$22,048.32 | |
| N/A | 7946546-00 | 40 05 00-0014-00 | On-Site | 14" RAS FM Fittings | 3/2020 | \$7,591.21 | | \$7,591.21 | 11/2020 | \$7,591.21 | |
| N/A | 3377894-00 | 014210-4020-0001-01 | On-Site | RCP & FES Storm Piping | 3/2020 | \$6,811.36 | | \$6,811.36 | 6/2020 | \$6,811.36 | |
| N/A | 7936359-01 | 400500-0006-02 | On-Site | 24" SI Piping | 3/2020 | \$8,888.00 | | \$8,888.00 | 11/2020 | \$8,888.00 | |
| N/A | 7936359-01 | 400500-16-01 | On-Site | 20" FCI Piping | 3/2020 | \$34,709.00 | | \$34,709.00 | 6/2020 | \$32,700.00 | \$2,009.00 |
| N/A | 30593 | 05 53 13-0001-00 | Breuer Metal | SS Grating Embedded Angle | 3/2020 | \$5,784.22 | | \$5,784.22 | 9/2020 | \$5,784.22 | |
| N/A | S8330977.001, 1009543, 1009543 | 26 05 19-0001-00 | SEE Electric | Building Wire & Cable | 3/2020 | \$118,230.59 | | \$118,230.59 | | \$97,000.00 | \$21,230.59 |
| N/A | S010975344.001 | 26 50 00-0001-00 | SEE Electric | Basic Electrical Materials | 3/2020 | \$27,768.88 | | \$27,768.88 | 7/2021 | \$13,000.88 | \$14,768.00 |
| N/A | 20-03-31-CharlesCit | 31 05 19 16-0001-02 | On-Site | T-Lock Material | 3/2020 | \$18,681.00 | | \$18,681.00 | 8/2020 | \$18,681.00 | |
| N/A | 3377886-00 | 014210-4020-0001-01 | On-Site | RCP Storm Piping | 4/2020 | \$7,722.58 | | \$7,722.58 | 12/2020 | \$7,722.58 | |
| N/A | Pav App #5 | 03 41 00-0004-00 | Midwest Precast | Precast Concrete | 4/2020 | \$173,934.00 | | \$173,934.00 | 1/2021 | \$173,934.00 | |
| N/A | 7946952-01 | 46 73 70-0005-01 | On Site | 6" Reed Bed Biosolids Pipe & Fittings | 6/2020 | \$3,470.13 | | \$3,470.13 | 11/2020 | \$3,470.13 | |
| N/A | 7951405-00 | 40 05 00-0015-01 | On Site | 10" Air Line Piping | 6/2020 | \$10,888.14 | | \$10,888.14 | 12/2020 | \$10,888.14 | |
| N/A | 7960950-00 | 40 05 00-0018-01 | On Site | PLI Pipe/Fittings | 6/2020 | \$23,486.43 | | \$23,486.43 | 9/2020 | \$23,486.43 | |
| N/A | 7946546-01 | 40 05 00-0014-00 | On-Site | 14" RAS FM Harness | 6/2020 | \$2,618.33 | | \$2,618.33 | 11/2020 | \$2,618.33 | |
| N/A | 7937402-02 | 40 05 00-0009-00 | On-Site | 20" FEQ Harness | 6/2020 | \$1,526.06 | | \$1,526.06 | 10/2020 | \$1,526.06 | |
| N/A | 7947111-00 | 40 05 00-0008-01 | On-Site | Reed Bed Biosolid 3x8 | 6/2020 | \$9,198.00 | | \$9,198.00 | 11/2020 | \$9,198.00 | |
| N/A | 7946952-02 | 40 05 00-0008-01 | On-Site | Reed Bed Biosolid 6x3 Tee | 6/2020 | \$531.00 | | \$531.00 | 11/2020 | \$531.00 | |
| N/A | 7951197-00 | 40 05 00-0016-01 | On-Site | FCI Piping | 6/2020 | \$37,537.63 | | \$37,537.63 | 6/2020 | \$37,537.63 | |
| N/A | 7950683-01 | 40 05 00-0006-02 | On-Site | SI Piping | 6/2020 | \$12,497.25 | | \$12,497.25 | 11/2020 | \$12,497.25 | |
| N/A | 7951405-01 | 40 05 00-0015-01 | On-Site | ALP 10" & 12" Gaskets | 6/2020 | \$613.95 | | \$613.95 | | \$613.95 | |
| N/A | 7950683-00 | 40 05 00-0006-02 | On-Site | SI Piping | 6/2020 | \$8,217.94 | | \$8,217.94 | | \$8,217.94 | |
| N/A | 7947582-00 | 40 05 00-0012-01 | On-Site | FCI Wall Sleeves | 6/2020 | \$4,644.31 | | \$4,644.31 | | \$4,644.31 | |
| N/A | 7947582-00 | 40 05 00-0012-01 | On-Site | SI Wall Sleeves | 6/2020 | \$23,596.70 | | \$23,596.70 | | \$23,596.70 | |
| N/A | 7947582-00 | 40 05 00-0012-01 | On-Site | RAS Wall Sleeves | 6/2020 | \$2,034.64 | | \$2,034.64 | | \$2,034.64 | |

Stored Material Summary

Contractor's Application

| For (Contract): CHARLES CITY WATER RESOURCE RECOVERY FACILITY | | | | | | | | | | Application Number: #24 | |
|---|--|---|-----------------------|--|---------------------------------------|--------------|------------------------------------|--|---------------------------|-----------------------------|--|
| Application Period: 9/1/2021 - 09/30/2021 | | | | | | | | | | Application Date: 10/5/2021 | |
| Bid Item No. | A Supplier Invoice No. | B Submittal No. (with Specification Section No.) | C Storage Location | Description of Materials or Equipment Stored | D Stored Previously | | E Amount Stored this Month (\$) | Subtotal Amount Completed and Stored to Date (D + E) | F Incorporated in Work | | G Materials Remaining in Storage (\$ (D + E - F)) |
| | | | | | Date Placed into Storage (Month/Year) | Amount (\$) | | | Date (Month/Year) | Amount (\$) | |
| N/A | 7952991-00 | 40 05 00-0008-01 | On-Site | Reed Bed Biosolids Under Piping | 6/2020 | \$10,654.00 | | \$10,654.00 | 9/2020 | \$10,654.00 | |
| N/A | 7949039-00 | 40 05 00-0014-00 | On-Site | 14" RAS FM Piping | 6/2020 | \$14,800.00 | | \$14,800.00 | | \$14,800.00 | |
| N/A | 7949039-00 | 40 05 00-0009-01 | On-Site | 20" FEQ Piping | 6/2020 | \$569.00 | | \$569.00 | | | |
| N/A | Pav App #6, Pav App #7 | 03 41 00-0004-00 | Midwest Precast | Precast Concrete | 6/2020 | \$44,188.00 | | \$44,188.00 | 1/2021 | \$44,188.00 | |
| N/A | S014457182.001 | 22 11 19-0001-01 | On-Site | Fire Hydrants | 6/2020 | \$5,272.15 | | \$5,272.15 | 11/2020 | \$5,272.15 | |
| N/A | 31176 | 05 53 13-0001-00 | On-Site | SS Grating Embedded Angle | 7/2020 | \$6,518.95 | | \$6,518.95 | 10/2020 | \$6,518.95 | |
| N/A | 7979144-00 | 40 05 00-0014-00 | On-Site | 12" RAS FM Piping and Fittings | 7/2020 | \$26,887.24 | | \$26,887.24 | | \$26,887.24 | |
| N/A | 7979144-01 | 40 05 00-0014-00 | On-Site | 12" RAS FM Piping and Fittings | 7/2020 | \$218.23 | | \$218.23 | | \$218.23 | |
| N/A | 7979144-02 | 40 05 00-0014-00 | On-Site | 12" RAS FM Piping and Fittings | 7/2020 | \$1,506.25 | | \$1,506.25 | | \$1,506.25 | |
| N/A | 19-553 | 46 24 33-0001-02 | On-Site | Open Channel Grinder | 8/2020 | \$59,086.80 | | \$59,086.80 | | | \$59,086.80 |
| N/A | Pay App #3, S011332198.001, S011440059.001, S011440059.002 | 26 05 36-0001-00 | SEE Electric | Electrical Conduit | 8/2020 | \$23,207.82 | | \$23,207.82 | 1/2021 | \$20,865.82 | \$2,342.00 |
| N/A | 4245363, 4246346, 4248751, 4241144, 4243652, 4250014, 4253093, 4257648, 4252506, 4265916, 4269070, 4272356, 4273856, 4278425, 4280466, 4278093 | 40 06 62-0001-03 | On-Site | Plug Valves | 8/2020 | \$144,968.88 | | \$144,968.88 | 9/2020 | \$98,893.88 | \$46,075.00 |
| N/A | 7947582-01 | 40 05 00-0014-00 | On-Site | 14" RAS FM Piping | 8/2020 | \$134.98 | | \$134.98 | | \$134.98 | |
| N/A | 7987377-00 | 22 11 13-0002-01 | On-Site | Site Water Piping | 8/2020 | \$8,848.00 | | \$8,848.00 | 10/2020 | \$8,848.00 | |
| N/A | SIN-002048, SIN-001783, SIN-002141 | 46 23 23-0001-01 | On-Site | Free Vortex Grit System | 9/2020 | \$107,421.30 | | \$107,421.30 | 1/2021 | \$107,421.30 | |
| N/A | 81279 | 46 51 21-0001-01, 46 51 30-0001-02 | On-Site | Course and Fine Bubble Aeration Equipment | 9/2020 | \$66,151.00 | | \$66,151.00 | 9/2020 | \$6,119.79 | \$60,031.21 |
| N/A | 13508 | 46 41 43-0001-01 | On-Site | Side-Entry Tank Mixer | 10/2020 | \$47,830.00 | | \$47,830.00 | | | \$47,830.00 |
| N/A | S015950723.001 | 22 13 16-0001-00 | On-Site | PVC Piping | 11/2020 | \$401.09 | | \$401.09 | 12/2020 | \$401.09 | |
| N/A | 0167099-IN | 43 23 13-0001-01 | On-Site | Recessed Impeller Pump | 11/2020 | \$19,877.00 | | \$19,877.00 | | \$19,877.00 | |
| N/A | RGIN02002130, RGIN020002420 | 40 05 59-0001-02 | On-Site | Hydraulic Gates | 11/2020 | \$83,119.00 | | \$83,119.00 | | \$77,419.00 | \$5,700.00 |
| N/A | 8479968, 8479969, 8479967, 8479966 | 46 53 61-0001-02 & 46 53 61-0003-00 | On-Site | Oxidation Ditch Equipment | 12/2020 | \$581,903.10 | | \$581,903.10 | 3/2021 | \$581,903.10 | |
| N/A | S011182174.001 | 26 05 33-0001-00 | On-Site | Handholes | 1/2021 | \$10,711.97 | | \$10,711.97 | | | \$10,711.97 |
| N/A | 2021-5161, 223016, S010893471.002, S010893471.004, S010893529.003, S010893471.006, S011293242.002, S010893471.010, S010893471.008 | 26 50 00 | SEE Electric | Electrical Fixtures | 2/2021 | \$63,303.96 | | \$63,303.96 | 8/2021 | \$54,200.00 | \$9,103.96 |
| N/A | 19149NA02F | 40 71 13-0001-00 | SEE Electric | IC Instrumentation | 2/2021 | \$45,000.00 | | \$45,000.00 | 7/2021 | \$40,000.00 | \$5,000.00 |
| N/A | 19502-16472 & 19502-16508 | 46 21 73-0001-01 | On-Site | Screening, Washing, & Compacting Equipmen | 3/2021 | \$150,521.00 | | \$150,521.00 | | \$150,521.00 | |
| N/A | 19149NA05R, 19149NA07 | 26 50 00 | SEE Electric | Electrical Distribution Equipment | 3/2021 | \$292,644.00 | | \$292,644.00 | 3/2021 | \$247,300.00 | \$45,344.00 |
| N/A | 0078688-IN, 0078689-IN, 0078701-IN, S015313049.001, S014457182.003, S015005694.001, S015296510.001, S015296510.002, S016350563.001, 0078802-IN, S022163-00, S021400-00 | 22 13 16-0001-00 | On-Site | Sleeves, Wall Pipes, & Fittings | 3/2021 | \$79,834.82 | | \$79,834.82 | | \$79,834.82 | |
| N/A | 7036174-00, 01, & 02 | 26 50 00 | SEE Electric | CO #2 | 3/2021 | \$2,160.82 | | \$2,160.82 | | | \$2,160.82 |
| N/A | 0014099 | 43 25 00 & 43 25 10 | On-Site | Submersible Pumps | 4/2021 | \$269,540.00 | | \$269,540.00 | | \$269,540.00 | |
| N/A | 7837 | 40 05 60-0001-01 | On-Site | Temporary Baffle Panel | 4/2021 | \$1,710.00 | | \$1,710.00 | 8/2021 | \$1,710.00 | |

Stored Material Summary

Contractor's Application

| For (Contract): CHARLES CITY WATER RESOURCE RECOVERY FACILITY | | | | | | Application Number: #24 | | | | | |
|---|---------------------------|---|-----------------------|---|---------------------------------------|-----------------------------|------------------------------------|--|---------------------------|-----------------------|--|
| Application Period: 9/1/2021 - 09/30/2021 | | | | | | Application Date: 10/5/2021 | | | | | |
| Bid Item No. | A Supplier Invoice No. | B Submittal No. (with Specification Section No.) | C Storage Location | C Description of Materials or Equipment Stored | D Stored Previously | | E Amount Stored this Month (\$) | Subtotal Amount Completed and Stored to Date (D + E) | F Incorporated in Work | | G Materials Remaining in Storage (\$ (D + E - F)) |
| | | | | | Date Placed into Storage (Month/Year) | Amount (\$) | | | Date (Month/Year) | Amount (\$) | |
| N/A | 19149NA07 | 26 50 00 | SEE Electric | I&C Control Panels | 4/2021 | \$47,723.00 | | \$47,723.00 | 9/2021 | \$30,000.00 | \$17,723.00 |
| N/A | 8085260-00 | 40 05 00 | On-Site | FM Piping | 8/2021 | \$1,577.47 | | \$1,577.47 | | | \$1,577.47 |
| N/A | 2106978-IN | 40 05 00 | On-Site | San Pipe | 8/2021 | \$2,349.00 | | \$2,349.00 | | | \$2,349.00 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | Totals | | \$3,059,105.23 | | \$3,059,105.23 | | \$2,435,610.41 | \$623,494.82 |

RESOLUTION NO. 125-21

*RESOLUTION APPROVING PAY ESTIMATE #24 FOR WATER RESOURCE
RECOVERY FACILITY PROJECT*

WHEREAS, the City of Charles City, Iowa has previously approved a contract with Portzen Construction for the water resource recovery facility project, and

WHEREAS, Portzen has submitted pay estimate #24 for this project for \$223,196.91 and,

WHEREAS, Fox Engineering has reviewed this pay estimate and is recommending payment of the amount,

NOW, THEREFORE BE IT RESOLVED, by the City Council of Charles City, Iowa, meeting in regular session on this 18th day of October, 2021, that pay estimate #24 paid to Portzen Construction in the amount of \$223,196.91 for the water resource recovery facility project is hereby approved.

COUNCIL MEMBER moved for the adoption of the foregoing resolution;

COUNCIL MEMBER seconded the motion to adopt, and on roll call the voting was as follows:

AYES:

NAYES:

Passed and approved this 18th day of October, 2021.

Dean Andrews, Mayor

Attest:

Trudy O'Donnell, City Clerk