

AGENDA
REGULAR MEETING OF THE BOARD OF THE
ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, MAY 21, 2020

- I. **Roll Call**
 Pledge of Allegiance

- II. **Information Items**
 - A. Public Comment

 - B. Report on 2020 Operating Costs and Revenues compared to the budget as per attached **Exhibit A – Bill Inks**

 - C. 2020 Capital Budget Status Report as per attached **Exhibit B – Kim Kennedy**

 - D. 3RWW Update – Mark Wolinsky, Executive Director

 - E. Report of actions by the Executive Director in approval of construction change orders less than \$30,000.00 and a cumulative total change order value to date of less than five percent of the original contract amount: **Exhibit C**
 - 1. No. 1, under Contract 1716-G, “Main Pump Station Flow Meters and Access Platform” from Kokosing Construction, for the amount of \$9,396.00. A change was needed in the machining of the access platform baseplate to match the radius of the pump station wall. The original amount of the contract was \$2,483,000.00. The current value of the contract including this change order is \$2,492,396.00.

 - 2. No. 1 , under Contract No. 1667, “CIPP Rehabilitation for Portions of the Saw Mill Run and Allegheny Interceptors”, to IPR Northeast LLC, an increase in the amount of \$20,872.58 because the installation of new Manhole MH86A was delayed due to the discovery of an underground storm sewer not depicted on the drawings. The original amount of the contract was \$6,888,748. The current value of the contract, including this change order is \$6,909,620.58.

 - 3. No. 2, under Contract 1720, “Replacement of Fluid Bed Incinerator #1 Manifolds” from Simakas Company, for the amount of \$3,194.00. After the manifolds were removed detailed measurements showed a misalignment that required realignment/reinstallation. The original amount of the contract was \$679,113.00. The current value of the contract including this change order is \$684,742.66.

III. Action Items

- A. Approval of the minutes of the Regular Board Meeting of April 23, 2020.
- B. Consider authorizing payment of invoices in excess of \$20,100.00 processed during the period of April 15, 2020 through May 12, 2020, and review the summary report of expenses in excess of \$10,900 processed during the same period as per attached **Exhibit D**
- C. Motion to authorize the preparation of specifications and advertisement for bids for the following contracts: **Exhibit E**
 - 1. Contract No. 1729, "East Headworks"
 - 2. Contract No. 1730, "Monongahela and Ohio Deep Tunnel Interceptor Cleaning"
- D. Motion to approve the following contracts:
 - 1. Contract No. 1714, "Roof Modifications for Screenings Garage and Power Generation Building," to Burns & Scalo Roofing Company, Inc. at the price of \$366,264.00. Bids received are indicated on **Exhibit F**.
 - 2. Contract No. 1723-G, "North End Plant Expansion – General," to Mascaro Construction at the price of \$94,124,350.00. Bids received are indicated on **Exhibit G**.
 - 3. Contract No. 1723-E, "North End Plant Expansion – Electrical," to Bronder Technical Services at the price of \$3,455,555.00. Bids received are indicated on **Exhibit H**.
 - 4. Contract No. 1723-H, "North End Plant Expansion – HVAC," to Hranec Corporation at the price of \$1,896,000.00. Bids received are indicated on **Exhibit I**.
 - 5. Contract No. 1723-P, "North End Plant Expansion – Plumbing," to Guy's Mechanical at the price of \$818,000.00. Bids received are indicated on **Exhibit J**.
- E. Motion to approve the following Service Authorizations for Professional Consultants. Assignment is based on consultants' past efforts, knowledge and understanding of the tasks involved and the availability of the consultant's staff to perform the tasks in the time required
 - 1. For Wade Trim, under the agreement for Engineering Consultant Services, for an amount not to exceed \$585,175.00 to perform the scope of services under Capital Program S-461, "Effluent Flushing Water System Improvements".

- F. Motion to approve modification of Service Authorization 289 for CDM Smith, under the agreement for Engineering Consultant Services for an additional one (1) year no cost extension of services, to continue to provide services as Program Director for the Clean Water Program.
- G. Motion to modify the Grant Agreements for the Green Revitalization of Our Waterways (GROW) Program by extending the Term of the Contract. **Exhibit K**
- H. Motion to authorize the Executive Director to enter into an easement agreement with the Norfolk Southern Railroad to support the crossing of a 48 inch storm sewer for the Ravine Street Sewer Separation Project. The easement will require a one-time \$4,500.00 fee.

IV. New Business

V. Adjournment (Next meeting: June 25, 2020)

| | CURRENT EXPENSES | | | | PERCENT OF ANNUAL BUDGET USED TO DATE |
|--------------------------------|-------------------------|-----------------------------------|----------------------|---------------------------|---|
| | ANNUAL APPROPRIATION | JANUARY 1, 2020 APPROPRIATIONS | THRU EXPENDITURES | APRIL 30, 2020 BALANCE | |
| INTERCEPTOR MAINTENANCE | \$13,976,900 | \$4,658,967 | \$1,790,874 | \$2,868,093 | 12.8% |
| PLANT OPERATIONS | 25,302,800 | 8,434,267 | 7,805,144 | 629,123 | 30.8% |
| ENVIRONMENTAL COMPLIANCE | 5,163,000 | 1,721,000 | 1,335,772 | 385,228 | 25.9% |
| CUSTOMER SERVICE & BILLING | 3,502,600 | 1,167,533 | 1,533,371 | -365,838 | 43.8% |
| MANAGEMENT INFORMATION SERVICE | 3,024,000 | 1,008,000 | 1,011,274 | -3,274 | 33.4% |
| PLANT MAINTENANCE | 10,344,300 | 3,448,100 | 3,407,716 | 40,384 | 32.9% |
| ADMINISTRATION AND ENGINEERING | 14,710,800 | 4,903,600 | 2,802,554 | 2,101,046 | 19.1% |
| PROFESSIONAL | 880,000 | 293,333 | 312,539 | -19,206 | 35.5% |
| EMPLOYEE BENEFITS | 24,708,700 | 8,236,233 | 7,161,873 | 1,074,360 | 29.0% |
| TOTAL ALL DEPARTMENTS | \$101,613,100 | \$33,871,033 | \$27,161,117 | \$6,709,916 | 26.7% |
| DEBT SERVICE (AMORTIZED) | 59,297,194 | \$19,765,731 | \$19,765,731 | \$0 | |
| | \$160,910,294 | \$53,636,765 | \$46,926,848 | \$6,709,916 | 29.2% |

| | CURRENT REVENUES | | | | PERCENT OF ANNUAL PROJECTION RECEIVED TO DATE |
|------------------|----------------------|--------------------------------|-------------------------|--------------------------|---|
| | ANNUAL PROJECTION | JANUARY 1, 2020 PROJECTIONS | THRU ACTUAL | APRIL 30, 2020 EXCESS | |
| CURRENT REVENUES | \$193,157,500 | \$61,470,905 | \$59,507,040 | -\$1,963,864 | 30.8% |
| | | | PERCENT OF YEAR EXPIRED | | 33.3% |

ALCOSAN 2020 Capital Budget

STATUS REPORT

As of May 21, 2020

| Capital Number | Project/Program Description | Current Total Estimated Costs | Total Expended thru 2019 | 2020 Capital Budget | 2020 Expenditures to Date |
|---|--|-------------------------------|--------------------------|---------------------|---------------------------|
| Existing Plant Projects | | | | | |
| S408 | Biosolids Strategic Plan | 1,525,600 | 4,371 | 500,000 | 19,002 |
| S423 | Plant Energy Efficiency Upgrades | 2,319,000 | 1,106,260 | 800,000 | 8,148 |
| S459 | Energy Recovery Facility Improvements (2018-2020) | 2,300,000 | 1,736,182 | 959,670 | 1,065,580 |
| S460 | Plant Facilities and Safety Upgrades (2018-2020) | 3,700,000 | 2,465,938 | 834,173 | 263,808 |
| S464 | New Lab and Industrial Waste Facility | 45,000,000 | 253,352 | 2,500,000 | 217,612 |
| S472 | Plant Facilities and Safety Upgrades (2020-2021) | 3,000,000 | - | 1,700,000 | 43,271 |
| S473 | Energy Recovery Facility Improvements (2020-2021) | 1,500,000 | - | 300,000 | - |
| Subtotal | Existing Plant Projects | 59,344,600 | 5,566,102 | 7,593,843 | 1,617,422 |
| Existing Interceptor System Projects | | | | | |
| S458 | Conveyance, Rehabilitation and Enhancements (2018-2020) | 6,652,000 | 2,401,298 | 5,646,720 | 786,520 |
| S469 | CIPP Lining of the Mon-Sub-Aqueous Inter. & SMR Inter. | 19,630,000 | 82,534 | 13,902,000 | 145,607 |
| S470 | Flap Gate & Misc. Regulator Improvements at Various Loc. | 3,122,000 | 97,304 | 1,500,000 | 84,631 |
| S471 | Remote Pump Station Improvements | 4,376,000 | 9,587 | 750,000 | 41,591 |
| S474 | New Access Shaft Manholes Near A-40 and M-49 Crossing | 4,876,000 | - | 1,420,400 | 2,305 |
| Subtotal | Existing Interceptor System Projects | 38,656,000 | 2,590,723 | 23,219,120 | 1,060,653 |
| Municipal Source Control Projects | | | | | |
| S437 | Ravine St Stream Removal and Sewer Separation | 4,189,800 | 103,174 | 4,053,000 | 41,159 |
| S438 | Four Mile Run Regulator (M29) & Outfall Improvements | 2,054,000 | 235,327 | 1,500,000 | 1,118 |
| S440 | Green Revitalization of Our Waterways Program | 77,021,800 | 570,400 | 15,090,000 | - |
| S447 | Municipal Source Control Program | 11,637,000 | 4,102,523 | 921,600 | 680,602 |
| S454 | Panther Hollow DSI | 5,006,600 | 1,287 | 1,298,000 | - |
| S455 | Green Infrastructure Program Manager | 6,300,800 | 1,796,250 | 1,455,000 | 359,706 |
| Subtotal | Municipal Source Control Projects | 106,210,000 | 6,808,961 | 24,317,600 | 1,082,584 |
| Wet Weather Plant Expansion Projects | | | | | |
| S430 | Wet Weather Plant Expansion Program | 49,000,000 | 8,952,650 | 4,000,000 | 940,157 |
| S461 | North End Facilities | 180,000,000 | 4,361,186 | 15,000,000 | 2,558,754 |
| S462 | New East Headworks | 123,000,000 | 1,828,833 | 4,500,000 | 1,449,059 |
| S466 | Wet Weather Disinfection | 40,000,000 | 476 | 500,000 | - |
| S468 | Electrical Distribution System Upgrade | 14,000,000 | 233,028 | 2,000,000 | 62,744 |
| Subtotal | Wet Weather Plant Expansion Projects | 406,000,000 | 15,376,173 | 26,000,000 | 5,010,715 |
| Interim Wet Weather Plan Regional Projects | | | | | |
| S432 | Preliminary Planning | 18,350,000 | 11,531,845 | 6,000,000 | 2,615,068 |
| S446 | Regionalization | 49,505,000 | 22,635,920 | 12,000,000 | 757,604 |
| S448 | Interim Wet Weather Planning Compliance | 22,850,000 | 8,239,930 | 2,000,000 | 648,924 |
| S451 | Property Acquisitions | 41,029,000 | 157,385 | 7,000,000 | 22,642 |
| S456 | Program Management Information System (PMIS) | 9,000,000 | 1,619,190 | 400,000 | 109,034 |
| S475 | Tunnel Program Management | 25,481,000 | - | 150,000 | - |
| S476 | Precipitation Monitoring System Replacement & Upgrade | 711,200 | - | 448,000 | - |
| S477 | Water Quality Monitoring Program | 2,560,000 | - | 387,000 | - |
| S478 | Flow Targets | 500,300 | - | 167,000 | - |
| Subtotal | Interim Wet Weather Plan Regional Projects | 169,986,500 | 44,184,270 | 28,552,000 | 4,153,272 |
| Other Capital Improvements | | | | | |
| S419 | Mobile Equipment (2020) | 947,900 | - | 947,900 | 68,610 |
| S000 | 2020 Low Cost Capital Improvements | 2,479,100 | - | 2,479,100 | 324,387 |
| Subtotal | Other Capital Improvements | 3,427,000 | - | 3,427,000 | 392,997 |
| Total 2020 Capital Program | | 783,624,100 | 74,526,229 | 113,109,563 | 13,317,643 |

Change Order Exhibit

Allegheny County Sanita

| | | | |
|----------------------|---|-----------------------------|-----------------|
| Contract No.: | 1716G | Change Order Number: | 1716G-CO-CO-001 |
| Project Name: | Main Pump Station Flow Meters and Access Platform | Date Issued: | 05.12.2020 |
| Contractor: | Kokosing Construction | | |

PCO: PCO - 00001 Catwalk Structural Steel Bracket Changes

Value of Change:

\$9,396.00

Description of Change: 1. For B1 Brackets (9 ea.), provide connection plate thickness of 5/8" instead of 1/2" (top and bottom plates); For B3 Brackets (10 ea.) and B8 Brackets (2 ea.) provide connection plate thickness of 7/8" instead 3/4" (bottom plates only).
2. For B1 thru B8 Brackets roll the bottom plates to match the wall radius.
3. Install the top connection plates flat or at the contractors option they can be rolled to conform to the 47'0" radius of the Pump Station wall. No compensation to the contractor if he chooses to roll the top plates.

Purpose for Change:

Drawing 500-SD-02 shows only the B10 brackets with end plates rolled to match the curvature of the wall. The other brackets are shown to have flat plates. Installing the brackets with flat plates would leave a gap between the plate and the wall. Making the plates thicker and rolling the plates to match the curvature of the wall will eliminate the gap.

Reason for Change:

In the original design, all of the bracket bottom plates were flat with the exception of the B10 plates. Flat plates would have left a gap between the plate and tank surface requiring grout. By rolling the plates to fit the curvature of the wall, the gap is eliminated and is more cost effective than labor intensive grouting.

Total Add/<Deduction>:

\$9,396.00

0 Calendar Days

Paul Pennington

Construction Manager, Gannett Fleming, Inc.

Change Order Exhibit

Allegheny County Sanitary Authority

| | |
|--|---|
| Contract No.: 1667 | Change Order Number: 1667-CO-001 |
| Project Name: CIPP Rehabilitation for Portions of the Saw Mill Run and Allegheny Interceptors | Date Issued: 04.30.2020 |
| Contractor: IPR Northeast LLC | |

PCO: PCO - 00002 New Manhole Installation Change Order

Value of Change:
\$20,872.58

Description of Change: New manhole was installed at location indicated on plans. Manhole was field adjusted due to unforeseen below ground conditions.

Purpose for Change:

This change was required to perform the installation of a new doghouse manhole (MH86A) in a location that encountered an unforeseen underground conflict of a 15-inch storm line not shown on the Contract Drawings.

Reason for Change:

To facilitate the lining of the Saw Mill Run Interceptor, a new manhole (MH86A) needed installed on a bend of the interceptor. As the contractor began excavation they encountered a 15-inch storm line not shown on the Contract Drawings. This change in site conditions forced the contractor to modify their means and methods to be able to install the new manhole at the location needed for the lining operation.

| | |
|-------------------------------------|-----------------|
| Total Add/<Deduction>: | \$20,872.58 |
| | 0 Calendar Days |

Paul Pennington

Construction Manager, Gannett Fleming, Inc.

Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

| | | | |
|-----------------|--|----------------------------|--------------|
| Contractor: | Simakas Company 630 Route 228 Mars, PA 16046 | Change Order Number: | 1720-CO-002 |
| Contract Title: | Replacement of Fluid Bed Incinerator #1 Manifolds | Date Issued: | 5-4-20 |
| Project No: | 1720 | Proposed Change Order No.: | 1720-PCO-002 |

Description of work:

Remove west side slider sleeve #3, machine ID, reinstall and realign sleeve with manifold

Reason (Why the work was not included in the basic contract):

The existing slider sleeve #3 was found to be unacceptable after manifold #3 was removed.

Economic Value (Life Cycle Cost/Benefit) to ALCOSAN:

This change order will allow manifold #3 to expand and slide into slider sleeve #3 without binding.

Reason recommended for Board Approval:

This change order will extend the life expectancy of manifold #3 and slider sleeve #3

| | |
|-------------------|-------------------|
| Total Add: | \$3,194.00 |
|-------------------|-------------------|

 5-4-2020

ALCOSAN

MINUTES
REGULAR MEETING OF THE BOARD OF THE
ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, APRIL 23, 2020

The meeting was called to order at 4:30 p.m. in the office of the Authority, 3300 Preble Avenue, Pittsburgh, Pennsylvania. Those present were Board Members Mr. Corey O'Connor; Ms. Sylvia Wilson, Dr. Shannah Tharp-Gilliam, Ms. Brenda Smith, Mr. Harry Readshaw, Mr. Jack Shea and Mr. John Weinstein participated by telephone. Also in attendance were Mr. Max Junker (Babst Calland), Ms. Williams, Ms. Buys, Ms. Kennedy, Ms. Oliver, Ms. Clark, Messrs. Inks, Jackson, and Vallarian, and Ms. Fantoni.

Everyone stood for the Pledge of Allegiance.

An Executive Session was held this afternoon at approximately 3:30 p.m. to discuss pending legal issues (*Note: votes are never taken during the Executive Session*).

Mr. Bill Inks, Director of Finance & Administration, reported on the 2020 Operating Costs and Revenues. This is the first financial report for the year; monthly reports will be presented for the remainder of the year. Mr. Inks was pleased to announce that approximately 24% of the revenues has been collected and budgeted expenditures are approximately 21%. Mr. Inks advised that the Authority is operating in a sound manner and is in good standing.

Upon motion of Mr. Readshaw, seconded by Mr. Shea, the Board approved the minutes of the Regular Board Meeting of March 26, 2020.

Upon motion of Mr. Weinstein, seconded by Mr. Readshaw, the Board authorized payment of invoices in excess of \$20,100.00 processed during the period of March 17, 2020 through April 14, 2020 and reviewed the summary report of expenses in excess of \$10,900.00 processed during the same period, a copy of which will be made part of these minutes.

Upon motion of Mr. Readshaw, seconded by Ms. Wilson, the Board authorized the preparation of specifications and advertisement for bids for the following contract:

1. Contract No. 1728, "Return Activated Sludge (RAS) Pipe and Pump Replacement,"

Upon motion of Ms. Wilson, seconded by Dr. Gilliam, the Board approved the following contracts:

1. Contract No. 1717, "O&M Building Leaks," to Caliber Contracting at the price of 389,704.00. Bid response was slightly more than anticipated due to the COVID-19 supply issues.

The items denoted with an asterisk () were reviewed by the Professional Services Committee at a publicly advertised meeting on April 8, 2020. The Committee unanimously approved and recommended that these items be submitted to the Board.*

*Upon motion of Mr. Shea, seconded by Ms. Wilson the Board awarded Engineering Services for an amount not to exceed \$923,824.00 to perform the scope of services under the Laboratory/Industrial Waste Facility and Parking Garage Construction Management and Resident Inspection to G. Stephens, Inc. This is for pre-construction services and will not cover construction phase work.

*Upon motion of Mr. Readshaw, seconded by Mr. Shea the Board awarded Engineering Services for an amount not to exceed \$215,380.00 to perform the scope of services under the Homestead Transforming 12th Avenue Project to ms Consultants.

*Upon motion of Mr. Weinstein, seconded by Mr. Shea the Board awarded Engineering Services for an amount not to exceed \$44,400.00 to provide additional engineering support services during the on-going stack testing to GAI Consultants.

*Upon motion of Mr. Readshaw, seconded by Mr. Shea the Board awarded the Effluent Flushing Water System Improvements project to Wade Trim and authorized the Executive Director to negotiate a fee.

*Upon motion of Ms. Wilson, seconded by Mr. Shea the Board approved modification of Service Authorization 264 for MARC USA to provide assistance for the Governmental Affairs Division to create a Customer Relationship Management system in the amount of \$99,380.00.

Upon motion of Mr. Shea, seconded by Dr. Gilliam, the Board accepted proposals as recommended by the Authority's Risk Manager to provide insurance coverage to ALCOSAN for the period May 16, 2020 through May 16, 2021 at a total premium of \$1,504,618.00.

Upon motion of Mr. Weinstein, seconded by Mr. Shea, the Board agreed to modify the Grant Agreements for the Green Revitalization of Our Waterways (GROW) Program by extending the Term of the Contract.

Upon motion of Mr. Shea, seconded by Ms. Wilson, the Board authorized the Executive Director to execute the Instrument for the Declaration of Restrictions and Covenants for New Vehicle Maintenance Garage's stormwater management plan and record it in the Allegheny County Department of Real Estate.

The next Board of Directors Meeting will be held on May 21, 2020.

There being no further business, the meeting adjourned at approximately 4:43 p.m.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 15, 2020 THROUGH MAY 12, 2020

INVOICES OVER \$20,100.00

| | <u>CAPITAL</u> | <u>OPERATING</u> | <u>DESCRIPTION</u> |
|---------------------------------|----------------|------------------|---|
| A & H Equipment | 25,400.00 | | Furnish and Deliver One (1) EnviroSight Verisight Pro 200 Pan & Tilt Camera for Regional Conveyance, per PA Co-Stars Contract No. 016-128. Invoice No. E01697 Dated April 16, 2020. |
| ADS Environmental Services | 48,300.00 | | Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 325, for the Month of March 2020. Invoice No. 35273-0420 Dated April 9, 2020. |
| AE Works | 100,110.23 | | Professional Services Re: Laboratory/Industrial Waste Facility and Parking Garage Design, Service Authorization No. 350, for the Month of April 2020. Invoice No. ALCO-002-4. |
| Amwell | | 21,900.00 | Furnish and Deliver Arm Rail Wear Bars for Rack & Grit Chambers. Invoice No. INV019272 Dated March 27, 2020. |
| Babst, Calland, Clements Zomnir | | 56,591.38 | Professional Services Re: Legal Matters for the Month of February 2020. Invoice Nos. 1285854-1285863 Dated March 4, 2020. |
| Babst, Calland, Clements Zomnir | | 52,052.03 | Professional Services Re: Legal Matters for the Month of March 2020. Invoice Nos. 1287350-1287365 Dated April 2, 2020. |

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 15, 2020 THROUGH MAY 12, 2020

INVOICES OVER \$20,100.00

| | <u>CAPITAL</u> | <u>OPERATING</u> | <u>DESCRIPTION</u> |
|-------------------------------------|----------------|------------------|---|
| Babst, Calland, Clements Zominir | | 53,570.44 | Professional Services Re: Legal Matters for the Month of April 2020. Invoice Nos. 1289483-1289493 Dated May 7, 2020. |
| Burch Hydro, Inc. | | 68,421.23 | Biosolids Management Services for the Month of April 2020. Invoice No. 1808 Dated April 30, 2020. |
| CDM Smith | 157,958.56 | | Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of March 15 through April 11, 2020. Invoice No. 90097820/47 Dated April 22, 2020. |
| DLZ | 26,337.56 | | Professional Services Re: Safety Upgrades and Repairs to Diversion Structures, Service Authorization No. 341 for the Period of February 29 to March 27, 2020. Invoice No. 212575 Dated April 3, 2020. |
| HDR Engineering | 308,132.42 | | Professional Services Re: North End Facilities New Outfall and Disinfection Facility and New Secondary Clarifiers, Service Authorization No. 322, for the Period of November 24 to December 28, 2019. Invoice No. 1200249391/13 Dated February 20, 2020. |

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 15, 2020 THROUGH MAY 12, 2020

INVOICES OVER \$20,100.00

| | <u>CAPITAL</u> | <u>OPERATING</u> | <u>DESCRIPTION</u> |
|-------------------------------|----------------|------------------|---|
| HDR Engineering | 205,569.81 | | Professional Services Re: North End Facilities New Outfall and Disinfection Facility and New Secondary Clarifiers, Service Authorization No. 322, for the Period of December 29, 2019 to February 29, 2020. Invoice No. 1200256164/14 Dated April 14, 2020. |
| HDR Engineering | 150,783.35 | | Professional Services Re: RAS Pipe and RAS Pump Replacement, Service Authorization No. 335, for the Period of December 29, 2019 to February 29, 2020. Invoice No. 1200260134/07 Dated April 9, 2020. |
| Hertrich Fleet Services, Inc. | 22,449.00 | | Furnish and Deliver One (1) 2020 Chevrolet Equinox for Scholastic Outreach. Invoice No. 38363 Dated May 12, 2020. |
| Hertrich Fleet Services, Inc. | 22,449.00 | | Furnish and Deliver One (1) 2020 Chevrolet Equinox for Scholastic Outreach. Invoice No. 38364 Dated May 12, 2020. |
| Ideal Integrations | | 22,000.00 | Security Monitoring Service Setup for the Alcosan Network, per PA Co-Stars No. 003-262. Invoice No. B40246 Dated April 28, 2020. |

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 15, 2020 THROUGH MAY 12, 2020

INVOICES OVER \$20,100.00

| | <u>CAPITAL</u> | <u>OPERATING</u> | <u>DESCRIPTION</u> |
|----------------------|----------------|------------------|---|
| Ideal Integrations | | 79,056.00 | Security Monitoring Service for the Alcosan Network Covering the Period of May 1, 2020 through April 30, 2021, per PA Co-Stars No. 003-262. Invoice No. B40323 Dated May 7, 2020. |
| J. Poli | 129,226.99 | | Furnish and Install New Polar Crane for the Main Pump Station, Contract No. 1703, Estimate No. 3. |
| Kokosing | 256,500.00 | | Temporary Sodium Hypochlorite Storage and Feed System-General. Contract No. 1715-G, Estimate No. 2. |
| Lanco Electric, Inc. | 53,100.00 | | Temporary Sodium Hypochlorite Storage and Feed System-Electrical. Contract No. 1715-E, Estimate No. 1. |
| MARC USA | | 75,461.60 | Professional Services Re: Advertising, Service Authorization No. 264, for the Month of April 2020. Invoice No. 060798 Dated May 4, 2020. |
| MARC USA | | 59,729.00 | Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of April 2020. Invoice No. 060799 Dated May 4, 2020. |

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 15, 2020 THROUGH MAY 12, 2020

INVOICES OVER \$20,100.00

| | <u>CAPITAL</u> | <u>OPERATING</u> | <u>DESCRIPTION</u> |
|----------------------|----------------|------------------|---|
| Megatech Engineering | | 20,965.00 | Furnish and Deliver One (1) Extraction Screw Assembly for Dewatering/ERF. Invoice No. 19195 Dated April 8, 2020. |
| Michael Baker | 98,971.98 | | Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 319, for the Period of March 2 through March 29, 2020. Invoice No. 1080984 Dated April 15, 2020. |
| MS Consultants, Inc. | 32,937.65 | | Professional Services Re: Flap Gate Replacement at Various Locations, Service Authorization No. 338 for the Period of January 27 through February 23, 2020. Invoice No. 61-04E57-00-7 Dated March 11, 2020. |
| Simakas Company | 209,098.80 | | Replacement of Fluid Bed Incinerator No. 1 Manifolds. Contract No. 1720, Estimate No. 4. |
| Skelly and Loy, Inc. | 45,367.80 | | Professional Services Re: Direct Stream Inflow Removal Feasibility Study, Service Authorization No. 347 for the Period of February 23 through April 4, 2020. Invoice No. 79961 Dated April 9, 2020. |

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 15, 2020 THROUGH MAY 12, 2020

INVOICES OVER \$20,100.00

| | <u>CAPITAL</u> | <u>OPERATING</u> | <u>DESCRIPTION</u> |
|-----------|----------------|------------------|---|
| Wade Trim | 479,122.88 | | Professional Services Re: Wet Weather Advance Facilities Preliminary Planning, Service Authorization No. 304, for the Month of February 2020. Invoice No. 5002829 Dated March 23, 2020. |
| Wade Trim | 484,184.94 | | Professional Services Re: Wet Weather Advance Facilities Preliminary Planning, Service Authorization No. 304, for the Month of March 2020. Invoice No. 5002903 Dated April 20, 2020. |

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 15, 2020 THROUGH MAY 12, 2020

INVOICES FROM \$10,900.00 TO \$20,100.00

| | <u>CAPITAL</u> | <u>OPERATING</u> | <u>DESCRIPTION</u> |
|-------------------------|----------------|------------------|---|
| GEA Westfalia Separator | | 13,927.41 | Furnish and Deliver One (1) V-Belt Pulley for the No. 4 Centrifuge. Invoice No. 0586506629 Dated April 23, 2020. |
| Hatch Associates | 13,973.28 | | Professional Services Re: Miscellaneous Engineering Services for the Period Ending January 31, 2020. Invoice No. 90734209 Dated February 21, 2020. |
| JMT | 17,025.49 | | Professional Services Re: Lower Saw Mill Run Interceptor Rehabilitation, Service Authorization No. 339, for the Period Ending February 29, 2020. Invoice No. 5-153715 Dated March 27, 2020. |
| Kappe Associates | | 13,890.00 | Furnish and Deliver One (1) Bare Grit Replacement Pump. Invoice No. 20-05-W Dated April 29, 2020. |
| Link Computer | | 16,947.00 | Furnish and Deliver One (1) Meraki MS390 48-Port Switch. Invoice No. INV130621 Dated March 27, 2020. |
| MARC USA | | 14,316.50 | Professional Services Re: Government Affairs CRM Support/Licensing for the Month of March 2020. Invoice No. 060277 Dated April 3, 2020. |

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM APRIL 15, 2020 THROUGH MAY 12, 2020

INVOICES FROM \$10,900.00 TO \$20,100.00

| | <u>CAPITAL</u> | <u>OPERATING</u> | <u>DESCRIPTION</u> |
|-------------------|----------------|------------------|---|
| MARC USA | | 18,388.56 | Professional Services Re: Alcosan CRM Design & Development, Service Authorization No. 264, for the Month of April 2020. Invoice No. 060800 Dated May 4, 2020. |
| SAI International | | 11,362.00 | Adobe Creative Cloud for Teams, Licensing Subscription Renewal for the Period of April 21, 2020 through April 20, 2021. Invoice No. B11652974 Dated April 22, 2020. |

UTILITY INVOICES EXCEEDING \$10,900.00 PAID DURING THE PERIOD OF APRIL 15, 2020 THROUGH MAY 12, 2020

| | <u>CAPITAL</u> | <u>OPERATING</u> | <u>DESCRIPTION</u> |
|---------------------|----------------|------------------|--|
| Duquesne Light Co. | | 478,548.12 | Electrical Service, 3300 Preble Avenue-February 23 to March 24, 2020. Account No. 8737-850-000. |
| Duquesne Light Co. | | 474,718.60 | Electrical Service, 3300 Preble Avenue-March 24 to April 24, 2020. Account No. 8737-850-000. |
| Peoples Natural Gas | | 27,739.27 | Gas Service Agreement, 3285 Preble Avenue-March 31 to April 30, 2020 - Meter No. 617077. |
| TOTAL | 2,886,999.74 | 1,579,584.14 | |

AUTHORIZATION OF CONTRACTS FOR ADVERTISEMENT

1. Contract No. 1729, “East Headworks”

The East Headworks will provide preliminary treatment for a peak flow of 360 MGD. This contract is part of the overall wet weather plant expansion and will generally include the following:

- Modification of the Main Pumping Station to direct flows to the East and West Headworks facilities
- 120-inch diameter conduit between the Main Pumping Station and the East Headworks
- Six (6) mechanically cleaned bar racks and screenings conveying
- Six (6) aerated grit tanks, grit pumping, concentrating and classifying equipment
- Operations area that includes a control room, locker room, and break area
- Removal of the West Headworks venturi flow meter.
- Replacement of the 120-inch diameter primary influent conduit
- East, West and Center Primary Influent Conduits
- Upgrade of the Headworks Odor Control System
- Modification of existing below grade pipe galleries
- Various modifications to the existing West Headworks

The contract drawings and specifications will be bid using these disciplines:
Contract 1729G: General Construction, Contract 1729E: Electrical, Contract 1729H: Heating, Ventilating and Air Conditioning (HVAC), and Contract 1729P: Plumbing

2. Contract No. 1730, “Monongahela and Ohio Deep Tunnel Interceptor Cleaning”

This contract is to provide for having a contractor perform cleaning work to remove accumulated sediment and debris from the Monongahela Interceptor and Ohio Interceptor at designated locations. The work will consist of cleaning approximately 4,750 linear feet of interceptor and the removal of approximately 440 tons of material. A post-cleaning sonar inspection will be required.

BID TABULATION**CONTRACT NO. 1714**

Roof Modifications for Screenings Garage and Power Generations Buildings

BID OPENING, Friday, May 15, 2020 @ 2:00 P.M.

| <u>COMPANY NAME</u> | <u>TOTAL BASE BID</u> |
|-------------------------------------|------------------------------|
| Burns & Scalo Roofing Company, Inc. | \$366,264.00 |
| Pennsylvania Roofing Systems, Inc. | \$500,900.00 |

WITNESS:

[Signature]

WITNESS:

[Signature]

BID TABULATION

CONTRACT NO. 1723 G-GENERAL

NORTH END PLANT EXPANSION

BID OPENING, TUESDAY, May 12, 2020 @ 11:00 A.M.

| <u>COMPANY NAME</u> | <u>TOTAL BASE BID</u> |
|-------------------------------|-----------------------|
| MASCARO CONSTRUCTION | \$ 94,124,350.00 |
| KOKOSING CONSTRUCTION CO. INC | \$ 98,677.700.00 |
| JOSEPH B. FAY CO. | \$ 114, 744,000.00 |
| PJ DICK | \$ 118, 989,000.00 |

WITNESS: WITNESS: 

BID TABULATION

CONTRACT NO. 1723 E-ELECTRICAL

NORTH END PLANT EXPANSION

BID OPENING, TUESDAY, May 12, 2020 @ 11:00 A.M.

| <u>COMPANY NAME</u> | <u>TOTAL BASE BID</u> |
|----------------------------|-----------------------|
| BRONDER TECHNICAL SERVICES | \$ 3,455,555.00 |
| LANCO ELECTRIC | \$ 3,710,000.00 |
| WELLINGTON POWER CORP | \$ 4, 278,000.00 |
| KIRBY ELECTRIC | \$ 4, 700,000.00 |

WITNESS: Angel H. AllenWITNESS: Sen P. Roberts

BID TABULATION

CONTRACT NO. 1723 H-HVAC

NORTH END PLANT EXPANSION

BID OPENING, TUESDAY, May 12, 2020 @ 11:00 A.M.

| <u>COMPANY NAME</u> | <u>TOTAL BASE BID</u> |
|----------------------|-----------------------|
| HRANEC CORPORATION | \$ 1, 896,000.00 |
| CHAPMAN CORP. | \$ 1,923,000.00 |
| GUYS MECHANICAL | \$ 2,028,000.00 |
| SSM INDUSTRIES, INC. | \$ 2,083,000.00 |
| WAYNE CROUSE, INC. | \$ 2, 147,000.00 |

WITNESS:



WITNESS:



BID TABULATION**CONTRACT NO. 1723 P-PLUMBING****NORTH END PLANT EXPANSION****BID OPENING, TUESDAY, May 12, 2020 @ 11:00 A.M.**

| <u>COMPANY NAME</u> | <u>TOTAL BASE BID</u> |
|----------------------|-----------------------|
| GUY'S MECHANICAL | \$ 818,000.00 |
| WAYNE CROUSE, INC. | \$ 889,000.00 |
| SSM INDUSTRIES, INC. | \$ 998,000.00 |
| WHEELS MECHNICAL | \$ 1,289,000.00 |

WITNESS: WITNESS: 

May 2020

EXHIBIT

K

Green Revitalization of Our Waterways (GROW) Grant Agreements to be amended

| GROW ID # | Municipality or Municipal Authority | Project Name | Original End Date | Previously Amended End Date | Amended End Date |
|-------------|---|---|----------------------|-----------------------------------|---------------------|
| 2017_01-004 | Wilkins Township | Linhart Area Phase IIA Sewer Separation | 6/01/2020 | | 12/31/2021 |
| 2017_01-020 | Etna | Etna Green Streetscape Phases 2 and 3 | 6/30/2020 | | 6/30/2021 |
| 2017_01-021 | Indiana Township | Ottawa Hills I/I Removal | 5/30/2019 | 6/30/2020 | 6/30/2021 |
| 2018_01-011 | Monroeville Municipal Authority | Woodhaven Drive SSO Sanitary Sewer Rehabilitation Project | 6/30/2020 | | 6/30/2021 |
| 2018_01-013 | Monroeville Municipal Authority | Simpson Run Sanitary Sewer Rehabilitation Project | 6/30/2020 | | 6/30/2021 |
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