

**AGENDA**  
**REGULAR MEETING OF THE BOARD OF THE**  
**ALLEGHENY COUNTY SANITARY AUTHORITY**  
**THURSDAY, MARCH 26, 2020**

- I. **Roll Call**  
**Pledge of Allegiance**
  
- II. **Information Items**
  - A. Visitors – Public Comment
  
  - B. 2019 Audit Report – ***Maher Duessel (By Phone)***
  
  - C. 2019 Capital Budget Status Report as per attached **Exhibit A - Kim Kennedy**
  
  - D. 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 B**
    - 1. No. 1, under Contract 1679, “Sonar Inspection of the ALCOSAN Deep Tunnel System” a credit in the amount of \$129,740.96. The original amount of the contract was \$2,225,158.00. The final Contract time is 760 calendar days and the final Contract value including this change order is \$2,095,417.04. The credit is to reconcile the bid quantities with the actual installed quantities. A total of 400 calendar days were added to the contract period due to wet weather.
  
    - 2. No. 3 and Final, under Contract 1659A, “Annual Interceptor Cleaning Contract,” a credit in the amount of \$20,561.880 for closeout and final payment. The original amount of the contract was 2,592,965.00. The final contract time is 805 days and the final contract value including this change order is \$3,821,370.20. The credit is to reconcile the bid quantities with the actual installed quantities. A total of 170 calendar days were added to the contract period to complete field work.
  
- III. **Action Items**
  - A. Approval of the minutes of the Regular Board Meeting of February 27, 2020.
  
  - B. Consider authorizing payment of invoices in excess of \$20,100.00 processed during the period of February 18, 2020 through March 16, 2020, and review the summary report of expenses in excess of \$10,900 processed during the same period as per attached **Exhibit C**

C. Motion to approve the following contracts:

1. Contract No. 1706, "Clay Street Sewer Separation," to Costa Contracting, Inc. at the price of \$444,852.00. Bids received are indicated on Exhibit D

D. Motion to award Laboratory/ Industrial Waste Facility and Parking Garage Construction Management and Resident Inspection services to G. Stephens, Inc. and authorize the Executive Director to negotiate a fee.

E. Motion to approve modification of Service Authorization 343 for ms Consultants to provide for a crack repair specification development associated with Contract 1722, WA-4 Pre-Engineered Storage Building for an amount not to exceed \$1,990.23.

F. Motion to approve modification of Service Authorization 299 for AECOM to continue as Program Manager for the Regionalization Program through May 28, 2020 , in the amount of \$338,220.00,

G. Motion to modify the Grant Agreements for the Green Revitalization of Our Waterways (GROW) Program by extending the Term of the Contract. Exhibit E

H. Motion to accept the Maher Duessel Audit Report for the year ending December 31, 2019.

**IV. New Business**

**V. Adjournment (Next meeting: April 23, 2020)**

## ALCOSAN 2020 Capital Budget

## STATUS REPORT

As of March 26, 2020

Capital Number	Project/Program Description	Current Total Estimated Costs	Total Expended thru 2019	2020 Capital Budget	2020 Expenditures to Date
<b>Existing Plant Projects</b>					
S408	Biosolids Strategic Plan	1,525,600	4,371	500,000	255
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	607,929
S460	Plant Facilities and Safety Upgrades (2018-2020)	3,700,000	2,465,938	834,173	91,000
S464	New Lab and Industrial Waste Facility	45,000,000	253,352	2,500,000	29,216
S472	Plant Facilities and Safety Upgrades (2020-2021)	3,000,000	-	1,700,000	39,105
S473	Energy Recovery Facility Improvements (2020-2021)	1,500,000	-	300,000	-
<b>Subtotal</b>	<b>Existing Plant Projects</b>	<b>59,344,600</b>	<b>5,566,102</b>	<b>7,593,843</b>	<b>775,653</b>
<b>Existing Interceptor System Projects</b>					
S458	Conveyance, Rehabilitation and Enhancements (2018-2020)	6,652,000	2,401,298	5,646,720	632,392
S469	CIPP Lining of the Mon-Sub-Aqueous Inter. & SMR Inter.	19,630,000	82,534	13,902,000	107,966
S470	Flap Gate & Misc. Regulator Improvements at Various Loc.	3,122,000	97,304	1,500,000	45,868
S471	Remote Pump Station Improvements	4,376,000	9,587	750,000	3,671
S474	New Access Shaft Manholes Near A-40 and M-49 Crossing	4,876,000	-	1,420,400	710
<b>Subtotal</b>	<b>Existing Interceptor System Projects</b>	<b>38,656,000</b>	<b>2,590,723</b>	<b>23,219,120</b>	<b>790,607</b>
<b>Municipal Source Control Projects</b>					
S437	Ravine St Stream Removal and Sewer Separation	4,189,800	103,174	4,053,000	26,947
S438	Four Mile Run Regulator (M29) & Outfall Improvements	2,054,000	235,327	1,500,000	203
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	508,393
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	178,134
<b>Subtotal</b>	<b>Municipal Source Control Projects</b>	<b>106,210,000</b>	<b>6,808,961</b>	<b>24,317,600</b>	<b>713,677</b>
<b>Wet Weather Plant Expansion Projects</b>					
S430	Wet Weather Plant Expansion Program	49,000,000	8,952,650	4,000,000	675,709
S461	North End Facilities	180,000,000	4,361,186	15,000,000	1,430,995
S462	New East Headworks	123,000,000	1,828,833	4,500,000	1,003,298
S466	Wet Weather Disinfection	40,000,000	476	500,000	-
S468	Electrical Distribution System Upgrade	14,000,000	233,028	2,000,000	19,862
<b>Subtotal</b>	<b>Wet Weather Plant Expansion Projects</b>	<b>406,000,000</b>	<b>15,376,173</b>	<b>26,000,000</b>	<b>3,129,864</b>
<b>Interim Wet Weather Plan Regional Projects</b>					
S432	Preliminary Planning	18,350,000	11,531,845	6,000,000	1,583,469
S446	Regionalization	49,505,000	22,635,920	12,000,000	364,392
S448	Interim Wet Weather Planning Compliance	22,850,000	8,239,930	2,000,000	425,941
S451	Property Acquisitions	41,029,000	157,385	7,000,000	17,355
S456	Program Management Information System (PMIS)	9,000,000	1,619,190	400,000	69,686
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	-
<b>Subtotal</b>	<b>Interim Wet Weather Plan Regional Projects</b>	<b>169,986,500</b>	<b>44,184,270</b>	<b>28,552,000</b>	<b>2,460,842</b>
<b>Other Capital Improvements</b>					
S419	Mobile Equipment (2020)	947,900	-	947,900	23,712
S000	2020 Low Cost Capital Improvements	2,479,100	-	2,479,100	165,919
<b>Subtotal</b>	<b>Other Capital Improvements</b>	<b>3,427,000</b>	<b>-</b>	<b>3,427,000</b>	<b>189,631</b>
<b>Total 2020 Capital Program</b>		<b>783,624,100</b>	<b>74,526,229</b>	<b>113,109,563</b>	<b>8,060,273</b>

# Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contract No.:	1679	Change Order No:	1679-CO-001 - FINAL
Contract Name:	Sonar Inspection of the ALCOSAN Deep Tunnel System	Date Issued:	January 16, 2020
Contractor:	RedZone Robotics	PCO Numbers:	1679-PCO-001, 1679-PCO-002

**Description of work:**

This final change order is for a deduction and reflects the final contract value after the adjustment to final installed contract quantities, along with the addition of time to complete the Contract

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

This Change Order is necessary to balance out unit bid quantities to reflect actual installed quantities. Additional time was required to complete all field work, including several additional inspections and the final data deliverables.

The majority of adjustments to final quantities resulted from reaches of interceptor inspection that could not be performed or returned unusable data. Wet weather severely impacted the completion schedule. The addition of calendar days to the Contract covers the time required to complete the Work.


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

N/A

**Reason recommended for Board Approval:**

This change order is necessary to finalize the contract value to match the completed work quantities and final contract time.

<b>Total Addition/&lt;Deduction&gt;:</b>	<b>&lt;\$129,740.96&gt;</b>
	<b>400 Calendar Days</b>

  
\_\_\_\_\_  
Construction Manager  
Nate Carll, DLZ



# Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contract No.:	1659A	Change Order No:	1659A CO-003 - FINAL
Contract Name:	Annual Interceptor Cleaning Contract	Date Issued:	January 16, 2020
Contractor:	Independent Enterprises Incorporated	PCO Number:	1659A PCO-003

## Description of work:

This final change order is for a deduction and reflects the final contract value after the adjustment to final installed contract quantities, along with the addition of Contract Time

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

This Change Order is necessary to balance out unit bid quantities to reflect actual installed quantities. Additional time was required to complete all field work, including final restoration, along with the completion of as-built records for the M-44 Emergency.

The majority of adjustments to final quantities resulted from under usage or certain contingent items and the usage of certain additional cleaning items and quantities for the M-44 Emergency Work. The addition of calendar days to the Contract covers the work period for both the emergency repair work and the original scope of work.

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

N/A

## Reason recommended for Board Approval:

This change order is necessary to finalize the contract value to match the completed work quantities and final contract time.

Total Addition/<Deduction>:	<\$20,561.80>
	170 Calendar Days

 1/21/20  
Construction Manager  
Nate Carll, DLZ

**MINUTES**  
**REGULAR MEETING OF THE BOARD OF THE**  
**ALLEGHENY COUNTY SANITARY AUTHORITY**  
**THURSDAY, FEBRUARY 27, 2020**

The meeting was called to order at 4:35 p.m. in the office of the Authority, 3300 Preble Avenue, Pittsburgh, Pennsylvania. Those present were Board Members Ms. Brenda Smith, Messrs. Corey O'Connor, and Harry Readshaw; Mr. Jack Shea participated by telephone, and Ms. Sylvia Wilson, Dr. Shannah Tharp-Gilliam and Mr. John Weinstein did not attend the meeting. Also in attendance were Messrs. Chip Babst (Babst Calland), Mark Wolinsky (3RWW), Mike Ryder (Hatch), Ed Kluitenberg and Greg McDowell (CDM Smith), Ms. Williams, Ms. Buys, Ms. Kennedy, Messrs. Jackson, and Vallarian, Ms. Fantoni, Ms. DeMasi, Mr. Lockard, Ms. Croom, Ms. Sanchioli, Ms. Preston, Ms. Young, Mr. Meyer, Ms. Slater-Wood and Ms. Thomas (Authority staff).

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*).

The Board and Mr. O'Connor commended Mr. Michael Lichte, Manager of Authority's Planning Program for being the recipient of the ASCE Pittsburgh Section Civil Engineer of the Year.

Mr. Joey Vallarian (Director of Communications) provided the Board with an update on Junior Achievement's Biztown groundbreaking. Mr. Vallarian explained the purpose of the JA Biztown city and the storefronts and what is included in the ALCOSAN storefront. He thanked everyone involved in making the ALCOSAN storefront a success. He played a video of the first students to visit the ALCOSAN storefront. ALCOSAN is very happy to partner with Junior Achievement to provide a great platform for students to learn more about wastewater treatment.

Upon motion of Ms. Smith, seconded by Mr. O'Connor, the Board approved the minutes of the Regular Board Meeting of January 23, 2020.

Upon motion of Mr. Shea, seconded by Mr. Readshaw, the Board authorized payment of invoices in excess of \$20,100.00 processed during the period of January 15, 2020 through February 17, 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 Ms. Smith, seconded by Mr. Readshaw, the Board approved the following contracts:

1. Contract No. 1722, "WA-4 Pre-Engineered Storage Building," to Shiloh Industrial Contractors Inc. at the price of \$376,700.00. Bids received are indicated on **Exhibit B**.

Upon motion of Ms. Smith, seconded by Mr. Readshaw, the Board approved the following change orders exceeding \$30,000.00 in value or the cumulative total value with previously approved change orders is greater than five percent of the original contract amount:

1. No. 2, under Contract 1704, "Safety Upgrades and Repairs to Diversion Structures" from Frank J. Zottola Construction, Inc., for the amount of \$40,227.87. The original amount of the contract was \$916,645.00. The current value of the contract including this change order is \$966,218.95.

*The items denoted with an asterisk (\*) were reviewed by the Professional Services Committee at a publicly advertised meeting on February 13, 2020. The Committee unanimously approved and recommended that these items be submitted to the Board.*

\*Upon motion of Ms. Smith, seconded by Mr. Readshaw the Board approved 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 GAI, under the agreement for Engineering Consultant Services, for an amount not to exceed \$885,829.19 to perform the scope of services under Capital Program S-446, "Penn Hills Flow Equalization Facilities Rehabilitation; Long Road, Sandy Creek, and Lougey Pump Station".
2. To approve modification of Service Authorization 343 for ms Consultants to provide Services during Construction for Contract 1722, WA-4 Pre-Engineered Storage Building for an amount not to exceed \$15,374.00.
3. To approve modification of Service Authorization 329 for WRA for preparation of a Site Characterization Report and associated regulatory reporting required for a prior underground storage tank in the area of the New East Headworks project for an amount not to exceed \$120,146.40.
4. To approve modification of Service Authorization 278 for KLH Construction Management Services on Contract 1635A, Tassey Hollow Grit Chamber, for an amount not to exceed \$10,062.00.
5. To award contract for Service Authorization 335 for MMC to provide guidance in new federally mandated regulations that apply to the ALCOSAN tugboat and barge, with a total cost not to exceed \$20,000.00.
6. To approve modification of Service Authorization 318 for 3RWW for municipal support services through December 2020, in the amount of \$609,656.12.

7. To award contract to ms Consultants, under the agreement for Engineering Services for the Homestead Transforming 12<sup>th</sup> Avenue Project, to perform the scope of services in support of the GROW Program, for an amount to be negotiated by the Executive Director.
8. To award contract for Service Authorization 357 to Geographical Data Management Services (GDMS) to develop a spatial platform for ALCOSAN's historical easement and Right of Way data, with a total cost not to exceed \$83,000.00.

Upon motion of Mr. Shea, seconded by Mr. Readshaw, the Board agreed to adopt Resolution 2020-2-1 authorizing the Executive Director to enter into an agreement with Norfolk Southern Railroad for work within their non-operating right-of-way as part of the North End Plant Expansion project.

The next Board of Directors Meeting will be held on March 26, 2020.

There being no further business, the meeting adjourned at approximately 4:54 p.m.



ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM FEBRUARY 18, 2020 THROUGH MARCH 16, 2020

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
3 Rivers Wet Weather		54,860.63	Professional Services Re: Provide Support Services for Regional Wet Weather Planning Compliance, Service Authorization No. 318, for the Month of February 2020. Invoice No. 2292020 Dated March 9, 2020.
ADS Environmental Services	58,300.00		Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 325, for the Month of January 2020. Invoice No. 35273-0220 Dated February 7, 2020.
ADS Environmental Services	50,800.00		Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 325, for the Month of February 2020. Invoice No. 35273-0320 Dated March 7, 2020.
Arcadis	94,762.28		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period Ending February 23, 2020. Invoice No. 34149479 Dated March 9, 2020.
Burch Hydro, Inc.		151,890.20	Biosolids Management Services for the Month of February 2020. Invoice No. 1796 Dated February 29, 2020.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM FEBRUARY 18, 2020 THROUGH MARCH 16, 2020

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
CDM Smith	176,022.79		Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of January 19 through February 15, 2020. Invoice No. 90093993/45 Dated February 27, 2020.
CH2M Hill	68,731.10		Professional Services Re: Green Stormwater Infrastructure and Source Controls, Service Authorization No. 302, for the Month of January 2020. Invoice No. 696645CH030 Dated February 11, 2020.
Hatch Associates	16,042.84	4,204.62	Professional Services Re: Miscellaneous Engineering Services for the Period Ending December 27, 2019. Invoice No. 90730508 Dated January 16, 2020.
Ideal Integrations		23,780.00	Cohesity DataPlatform Storage-Gold Level, per PA Co-Stars No. 003-262, for the Period of March 1 through July 31, 2020. Invoice No. B39754 Dated March 10, 2020
Independent Enterprises, Inc.	112,719.77		Tassey Hollow Grit Chamber, Contract No. 1635A, Estimate No. 4 and Final.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM FEBRUARY 18, 2020 THROUGH MARCH 16, 2020

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Independent Enterprises, Inc.		142,213.36	Annual Interceptor Cleaning, Contract No. 1659A, Estimate No. 20 and Final.
JMT	66,731.02		Professional Services Re: Lower Saw Mill Run Interceptor Rehabilitation, Service Authorization No. 339, for the Period Ending December 31, 2019. Invoice No. 3-150377 Dated February 3, 2020.
Link Computer Corp.	37,328.00		Furnish and Deliver UPS Replacement Systems for Secondary Control Room. Invoice No. INV129425 Dated February 24, 2020.
MARC USA		45,854.50	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of February 2020. Invoice No. 059775 Dated March 6, 2020.
Mele & Mele & Sons, Inc.	413,241.30		Furnish and Install ERF Air Compressors, Contract No. 1708, Estimate No. 1.
MS Consultants, Inc.	20,502.52		Professional Services Re: Flap Gate Replacement at Various Locations, Service Authorization No. 338 for the Period of November 25 to December 31, 2019. Invoice No. 61-04E57-00-5 Dated January 21, 2020.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM FEBRUARY 18, 2020 THROUGH MARCH 16, 2020

INVOICES OVER \$20,100.00

<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
MS Consultants, Inc. 29,936.99		Professional Services Re: WA-4 Pre-Engineered Storage Building, Service Authorization No. 343 for the Period Ending September 29, 2019. Invoice No. 6112A000000001 Date October 22, 2019.
Polydyne, Inc.	41,959.40	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1431310 Dated February 18, 2020.
Polydyne, Inc.	41,959.40	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1437665 Dated March 10, 2020.
RAM Industrial Services LLC	69,634.00	Furnish and Deliver One (1) Fan Motor for ERF No. 1 Blower, as per PA Co-Stars Contract No. 008-154. Invoice No. 10-172325 Dated March 10, 2020.
RedZone Robotics 81,839.17		Sonar Inspection of the ALCOSAN Deep Tunnel System, Contract No. 1679, Estimate No. 12 and Final.
Stephenson Equipment	40,326.52	Cost to Remove, Rebuild and Reinstall Main Hydraulic Cylinder for the Boom Truck Crane. Invoice No. 40043718 Dated February 18, 2020.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM FEBRUARY 18, 2020 THROUGH MARCH 16, 2020

INVOICES OVER \$20,100.00

<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Vehicle Service Group 21,330.97		Furnish and Install New Vehicle Lift for Garage, as per PA State Contract 4400017611. Invoice No. 897797 Dated February 24, 2020.
Wade Trim 250,452.63		Professional Services Re: Wet Weather Advance Facilities Preliminary Planning, Service Authorization No. 304, for the Period of December 7, 2019 through January 4, 2020. Invoice No. 5002689 Dated January 28, 2020.
Wade Trim 418,932.46		Professional Services Re: Wet Weather Advance Facilities Preliminary Planning, Service Authorization No. 304, for the Period of January 4 through February 1, 2020. Invoice No. 5002689 Dated February 19, 2020.
Whitman, Requardt & Associates 376,382.56		Professional Services Re: Alcosan New East Headworks Facility, Service Authorization No. 329, for the Period of January 19 through February 15, 2020. Invoice No. 12-14430.000 Dated March 6, 2020.



ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM FEBRUARY 18, 2020 THROUGH MARCH 16, 2020

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

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Flotech		16,332.82	Furnish and Deliver Two (2) 4" Globe Stop-Check Non-Return Valves. Invoice No. 379215 Dated February 26, 2020.
GAI Consultants		11,619.20	Professional Services Re: Alcosan Stack Testing FBI #2 for Lead, Service Authorization No. 272-2 Mod 7, for the Period Ending February 8, 2020. Invoice no. 2147993 Dated February 25, 2020.
Maher Duessel		11,454.00	Professional Services Rendered in Connection with Audit Services Provided for Allegheny County Sanitary Authority for the Year Ended December 31, 2019. Invoice No. 478422 Dated March 16, 2020.
MARC USA		15,357.75	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of December 2020. Invoice No. 058414 Dated January 1, 2020.
Quad Three Group	17,234.97		Professional Services Re: Electrical Distribution System Upgrade, Service Authorization No. 324, for the Months of July and August 2019. Invoice No. 6R Dated September 10, 2019.
Roth Pump Company		14,926.73	Furnish and Deliver One (1) Condensate Pump. Invoice No. 45681 Dated February 21, 2020.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM FEBRUARY 18, 2020 THROUGH MARCH 16, 2020

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

<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Skelly and Loy, Inc. 18,957.31		Professional Services Re: Direct Stream Inflow Removal Feasibility Study, Service Authorization No. 347 for the Period of January 26 through February 22, 2020. Invoice No. 79607 Dated March 9, 2020.
Whitman, Requardt & Associates 16,130.72		Professional Services Re: Water Leak in the Operations & Maintenance Building Atrium, Service Authorization No. 309/Modification 002, for the Period of January 19 to February 15, 2020. Invoice No. 014382.001-9 Dated March 9, 2020.

UTILITY INVOICES EXCEEDING \$10,900.00 PAID DURING THE PERIOD OF FEBRUARY 18 THROUGH MARCH 16, 2020

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Direct Energy		24,878.18	Natural Gas Commodity Charges for the Month of February 2020. Invoice No. HS01740063. Account 737446-81920.
Peoples Natural Gas		31,676.16	Gas Service Agreement, 3285 Preble Avenue-January 31 to February 28, 2020 - Meter No. 617077.
TOTAL	2,346,379.40	688,066.84	

**BID TABULATION**

**CONTRACT NO. 1706**

**CLAY STREET SEWER SEPERATION**

**BID OPENING, TUESDAY, FEBRUARY 11, 2020 @ 11:00 A.M.**

<b><u>COMPANY NAME</u></b>	<b><u>TOTAL BASE BID</u></b>
<del>NORTH BEAVER CONTRACTING</del>	non-responsive
COSTA CONTRACTING, INC.	\$444,852.00
S.E.T., INC.	\$471,971.33
FRANK J. ZOTTOLA CONSTRUCTION	\$487,487.00
H.M. MILLER CONSTRUCTION CO.	\$512,421.00
JET JACK, INC.	\$722,150.00

WITNESS: See P. Polanco

WITNESS: Angel M. Allen

March 2020

EXHIBIT

E

## 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_01-043	Stowe Township	Fleming Ave GSI Project	5/1/2019	3/31/2020	12/31/2021
2018_01-007	Verona	A-45 Lining Project	3/31/2020		3/31/2021