

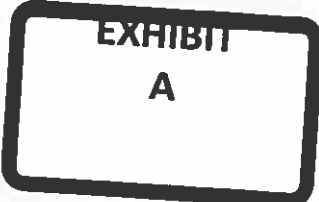
**AGENDA**  
**REGULAR MEETING OF THE BOARD OF THE**  
**ALLEGHENY COUNTY SANITARY AUTHORITY**  
**THURSDAY, JANUARY 28, 2021**

- I. **Roll Call**  
**Pledge of Allegiance**
  
- II. **Election of Officers**
  
- III. **Information Items**
  - A. Public Comment
  
  - B. Report on 2020 Operating Costs and Revenues compared to the budget as attached **Exhibit A**– *Karen Fantoni*
  
  - C. 2021 Capital Budget Status Report as attached **Exhibit B** – *Kim Kennedy*
  
  - D. Planning Commission Update – *Kim Kennedy*
  
  - E. Advisory Committee Report – *Tim Rogers, Chair*
  
- IV. **Action Items**
  - A. Approval of the minutes of the Regular Board Meeting of December 10, 2020.
  
  - B. Consider authorizing payment of invoices in excess of \$20,100.00 processed during the period of December 2, 2020 through January 14, 2021, 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 contract:
    - 1. Contract No. 1736 “Repair of Roll-Up Garage Doors,” to Allied Materials Co., dba Overhead Door Co. of Greater Pittsburgh for the prices indicated on **Exhibit D**.
  
    - 2. Contract No. 1737, “Furnish and Deliver Fiberglass Flights for Primary Sedimentation Tanks,” to Fairfield Service Company at the prices indicated on **Exhibit E**.
  
    - 3. Contract No. 1738, “Furnish and Deliver Caustic Soda for Demineralization Unit Regeneration,” to Sal Chemical at the price of \$0.168. Bids received are indicated on **Exhibit F**.

- D. Motion to approve the following change orders that exceed \$30,000.00 in value or whose cumulative total value with previously approved change orders is greater than five percent of the original contract amount: Exhibit G.
1. No. 2, under Contract 1717, "O&M Building Leaks" from Caliber Contracting, for the amount of \$19,535.00. This change order represents costs for installing flashing on the 4th floor corridor lower level windows. The original amount of the contract was \$389,704.00. The current value of the contract including this change order is \$420,073.00.
- 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 Jacobs Engineering Group, Inc., under the agreement for Engineering Consultant Services, for an amount not to exceed \$19,152,308.00 to perform the scope of services under Capital Program S-475, "Tunnel Program Management".
- F. Motion to award the New Access Shaft Manholes Near A-40 and M-49 Project to Hatch and authorize the Executive Director to negotiate a fee.
- G. Motion to award Engineering Services for Underground Utility Locating Services to T2 Utility Engineers, and authorize the Executive Director to negotiate a fee.
- H. Motion to award a Service Authorization for Hillcrest Group, LLC, under the agreement for Engineering Consultant Services to perform the scope of services for Air Compliance Support for an amount not to exceed \$84,320.00.
- I. Motion for modification of Service Authorization 302 for Jacobs Engineering Group, Inc. to extend their Green Infrastructure/Source Control Program Management role an additional year for an amount not to exceed \$992,742.00.
- J. Motion for modification of Service Authorization 309 for WRA to continue to support the O&M Building Leaks project throughout the construction phase for an amount not to exceed \$13,317.00.
- K. Motion for modification of Service Authorization 356 for Wade Trim to complete a hydraulic model of ALCOSAN's Effluent Flushing Water system for an amount not to exceed \$12,830.00.

**V. New Business**

**VI. Adjournment (Next meeting: February 25, 2021)**



	CURRENT EXPENSES			PERCENT OF ANNUAL BUDGET USED TO DATE	
	ANNUAL APPROPRIATION	JANUARY 1, 2020 THROUGH DECEMBER 31, 2020 EXPENDITURES	DECEMBER 31, 2020 BALANCE		
INTERCEPTOR MAINTENANCE	\$13,976,900	\$13,976,900	\$6,253,989	\$7,722,911	44.7%
PLANT OPERATIONS	25,302,800	25,302,800	22,932,662	2,370,138	90.6%
ENVIRONMENTAL COMPLIANCE	5,163,000	5,163,000	4,139,199	1,023,801	80.2%
CUSTOMER SERVICE & BILLING	3,502,600	3,502,600	3,500,448	2,152	99.9%
MANAGEMENT INFORMATION SERVICE	3,024,000	3,024,000	2,955,825	68,175	97.7%
PLANT MAINTENANCE	10,344,300	10,344,300	9,803,502	540,798	94.8%
ADMINISTRATION AND ENGINEERING	14,710,800	14,710,800	10,788,799	3,922,001	73.3%
PROFESSIONAL	880,000	880,000	745,964	134,036	84.8%
EMPLOYEE BENEFITS	24,708,700	24,708,700	21,282,536	3,426,164	86.1%
TOTAL ALL DEPARTMENTS	\$101,613,100	\$101,613,100	\$82,402,924	\$19,210,176	81.1%
DEBT SERVICE (AMORTIZED) rev for rfind	57,699,400	\$57,699,400	\$57,699,400	\$0	
	\$159,312,500	\$159,312,500	\$140,102,324	\$19,210,176	87.9%

	CURRENT REVENUES			PERCENT OF ANNUAL PROJECTION RECEIVED TO DATE	
	ANNUAL PROJECTION	JANUARY 1, 2020 THROUGH DECEMBER 31, 2020 PROJECTIONS	DECEMBER 31, 2020 ACTUAL		DECEMBER 31, 2020 EXCESS
CURRENT REVENUES	\$193,157,500	\$193,157,500	\$184,535,163	-\$8,622,337	95.5%
					PERCENT OF YEAR EXPIRED
					100.0%

# ALCOSAN 2021 Capital Budget

## STATUS REPORT

As of January 28, 2021

EXHIBIT  
B

Capital Number	Project/Program Description	Current Total Estimated Costs	Total Expended thru 2020	2021 Capital Budget	2021 Expenditures to Date
<b>Existing Plant Projects</b>					
S408	Biosolids Strategic Plan	1,525,600	137,866	500,000	-
S423	Plant Energy Efficiency Upgrades	2,319,000	1,136,116	600,000	11,942
S464	Environmental Compliance Facility and Parking Garage	54,000,000	2,536,977	14,000,000	245,110
S472	Plant Facilities and Safety Upgrades (2020-2021)	2,400,000	758,609	1,700,000	98,084
S473	Energy Recovery Facility Improvements (2020-2021)	1,200,000	-	1,000,000	836
S481	Aeration Tank Diffusers	5,000,000	17,232	3,000,000	654
<b>Subtotal</b>	<b>Existing Plant Projects</b>	<b>66,444,600</b>	<b>4,586,800</b>	<b>20,800,000</b>	<b>356,626</b>
<b>Existing Interceptor System Projects</b>					
S458	Conveyance Rehabilitation and Enhancements (2018-2020)	4,003,900	4,796,984	1,694,039	12,265
S469	CIPP Lining of the Mon-Sub-Aqueous Inter. & SMR Inter.	20,100,000	732,085	16,082,600	22,795
S470	Flap Gate & Misc. Regulator Improvements at Various Loc.	3,122,000	415,736	2,250,000	8,886
S471	Remote Pump Station Improvements	6,076,000	315,918	2,173,800	90,414
S474	New Access Shaft Manholes Near A-40 and M-49 Crossing	4,876,000	7,838	2,000,000	1,093
S483	Conveyance Rehabilitation and Enhancements (2021-2022)	2,970,000	-	1,485,000	-
<b>Subtotal</b>	<b>Existing Interceptor System Projects</b>	<b>41,147,900</b>	<b>6,268,561</b>	<b>25,685,439</b>	<b>135,452</b>
<b>Municipal Source Control Projects</b>					
S437	Ravine St Stream Removal and Sewer Separation	4,929,800	358,695	43,000	110,028
S438	Four Mile Run Regulator (M29) & Outfall Improvements	3,804,000	238,786	200,000	-
S440	Green Revitalization of Our Waterways Program	64,073,800	1,074,558	13,990,000	-
S447	Municipal Source Control Program	5,942,600	6,654,853	1,053,100	66,015
S455	Green Infrastructure Program Manager	6,300,800	3,972,225	1,205,000	69,465
S479	Clay Street Sewer Separation	629,600	32,897	96,600	12,474
S480	Spring Garden	11,094,400	1,442	417,000	-
S484	Delafield Avenue DSI	5,130,700	-	111,000	-
<b>Subtotal</b>	<b>Municipal Source Control Projects</b>	<b>101,905,700</b>	<b>12,333,455</b>	<b>17,115,700</b>	<b>257,982</b>
<b>Wet Weather Plant Expansion Projects</b>					
S430	Wet Weather Plant Expansion Program	49,000,000	13,916,944	6,500,000	543,085
S461	North End Facilities	141,000,000	18,592,922	33,000,000	1,243,249
S462	East Headworks	136,000,000	11,901,261	12,000,000	152,075
S463	Solids Thickening and Dewatering Improvements	33,000,000	209	500,000	-
S466	CSO Bypass and Disinfection	41,000,000	39,270	2,500,000	41,989
S467	Primary Tanks	38,000,000	-	500,000	-
S468	Electrical Distribution System Upgrade	17,000,000	783,475	2,000,000	11,565
<b>Subtotal</b>	<b>Wet Weather Plant Expansion Projects</b>	<b>455,000,000</b>	<b>45,234,083</b>	<b>57,000,000</b>	<b>1,991,961</b>
<b>Interim Wet Weather Plan Regional Projects</b>					
S446	Regionalization	44,505,000	25,912,393	8,000,000	209,167
S448	Interim Wet Weather Planning Compliance	22,850,000	11,376,774	2,000,000	161,175
S451	Property Acquisitions	41,029,000	4,824,507	9,000,000	36,519
S456	Program Management Information System (PMIS)	9,000,000	2,554,809	500,000	19,099
S475	Tunnel Program Management	25,481,000	8,464	5,000,000	2,755
S476	Precipitation Monitoring System Replacement & Upgrade	711,200	1,183	299,000	290
S477	Water Quality Monitoring Program	1,384,600	2,342	51,000	-
S478	Flow Targets	1,508,800	-	167,000	-
S485	Ohio River Tunnel (ORT) Final Design	12,481,000	-	2,000,000	-
<b>Subtotal</b>	<b>Interim Wet Weather Plan Regional Projects</b>	<b>158,950,600</b>	<b>44,680,471</b>	<b>27,017,000</b>	<b>429,004</b>
<b>Other Capital Improvements</b>					
S482	Mobile Equipment (2021)	574,600	-	574,600	55,561
S000	2021 Low Cost Capital Improvements	2,024,200	-	2,024,200	176,823
<b>Subtotal</b>	<b>Other Capital Improvements</b>	<b>2,598,800</b>	<b>-</b>	<b>2,598,800</b>	<b>232,384</b>
<b>Total 2021 Capital Program</b>		<b>826,047,600</b>	<b>113,103,369</b>	<b>150,216,939</b>	<b>3,403,411</b>

**MINUTES**  
**REGULAR MEETING OF THE BOARD OF THE**  
**ALLEGHENY COUNTY SANITARY AUTHORITY**  
**THURSDAY, DECEMBER 10, 2020**

The meeting was called to order at 4:30 p.m. in the office of the Authority, 3300 Preble Avenue, Pittsburgh, Pennsylvania. Those participating were Board Members Mr. Corey O'Connor, Mr. Harry Readshaw, Ms. Sylvia Wilson, Dr. Shannah Tharp-Gilliam, and Mr. Jack Shea; Mr. John Weinstein did not participate. Also participating were Mr. Max Junker and Mr. Peter Schnore (Babst Calland), Ms. Williams, Ms. Buys, Ms. Kennedy, Ms. Oliver, Ms. Clark, Ms. Fantoni, Messrs. Inks, and Jackson (Authority staff).

Everyone stood for the Pledge of Allegiance.

An Executive Session was held this afternoon at approximately 4:00 p.m. to discuss pending legal issues (*Note: votes are never taken during the Executive Session*).

Ms. Karen Fantoni, Manager of Accounting, provided the Board with a summary on the 2021 Operating and Capital Budgets. Copies of the 2021 Operating and Capital Budgets and a detailed explanation were presented to the Board in November. This year's budget has been incorporated into the 2020 Consulting Engineers Report. Ms. Fantoni thanked everyone involved for their participation in this process.

Ms. Kim Kennedy, Director of Engineering and Construction, provided a status report on the 2020 Capital Budget. She stated since her report in October, the Authority has spent approximately \$10 million through December 10. The Wet Weather Plant Expansion Projects remain active and spending will continue. The East Headworks project is out to bid now. Other sources of spending are the components under the implementation of the Clean Water Plan.

Mr. Mike Ryder (Hatch) provided an annual update on a few key projects:

**Consulting Engineer's 2020 Annual Report**

Hatch worked with ALCOSAN staff to prepare the Consulting Engineer's 2020 Annual Report including the Fiscal 2021 Budget.

**Design Services for Chartiers-Ohio Junction Access Shaft Upgrades**

Hatch is nearing completion of design services on this project which will allow it to go out for Bids early in 2021. The project will provide structural, mechanical/HVAC and electrical upgrades to the facility.

**Biosolids Trends Analysis**

Hatch teamed with Material Matters, Inc. to perform a Biosolids Trends Analysis for ALCOSAN. The project is nearing completion and the Final Technical Memorandum is being finalized.

**Contract 1674 Modifications to Diversion Chambers A-17 and M-59**

Hatch provided bid phase support and is currently providing CM/CI support for this project. Mele and Mele & Sons, Inc. is the construction contractor and work is currently scheduled to be complete in early March of 2021.

The Board acknowledged receipt of the 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 as follows:

1. No. 1, under Contract 1717, "O&M Building Façade Repairs" from Caliber Contracting, for the amount of \$10,834.00. This change order represents costs for removal and replacement of approximately 700 lineal feet of joint sealants. The original amount of the contract was \$389,704.00. The current value of the contract including this change order is \$400,538.00.
2. No. 1, under Contract 1706, "Clay Street Sewer Separation Contract" from Costa Contracting, Inc., for the amount of \$6,776.00. This change order includes costs for additional test excavations needed for underground utilities. The original amount of the contract was \$444,852.00. The current value of the contract including this change order is \$451,628.00.
3. No. 2, under Contract 1706, "Clay Street Sewer Separation Contract" from Costa Contracting, Inc., for an additional 44 days to the contract period. The original contract period was 120 days. The current contract period including this change order is 164 days.
4. No. 1, under Contract 1674, "Modifications to Diversion Chamber A-17 & M-59" from Mele & Mele & Sons, Inc, for an additional 53 days to the contract period. The original contract period was 360 days. The current contract period including this change order is 413 days.

Upon motion of Mr. Shea, seconded by Dr. Gilliam, the Board approved the minutes of the Regular Board Meeting of November 19, 2020.

Upon motion of Mr. Shea, seconded by Dr. Gilliam, the Board authorized payment of invoices in excess of \$20,100.00 processed during the period of November 10, 2020 through December 1, 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. Wilson, seconded by Mr. Shea, the Board approved the following contract:

1. Contract No. 1725A "CIPP Rehabilitation of the Lower Saw Mill Run Interceptor," to SAK Construction at the price of \$9,718,527.00.

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

1. No. 2, under Contract 1722, "WA-4 Storage Building" from Shiloh Industrial Contractors, Inc., for the amount of \$11,550.00. This change order provides for a sealant along the total length of the exterior side of the concrete curb. The original amount of the contract was \$376,700.00. The current value of the contract including this change order is \$431,875.20.
2. No. 1, under Contract 1723-G, "North End Plant Expansion - General" from Mascaro Construction, for the amount of \$185,000.00. This change order represents costs associated with labeling, salvage, transport and storage of the mooring cells as part of ongoing litigation. The original amount of the contract was \$94,124,350.00. The current value of the contract including this change order is \$94,309,350.00.
3. No. 2, under Contract 1723-G, "North End Plant Expansion - General" from Mascaro Construction, for the amount of \$2,030,822.00. This change order is a not to exceed value for the partial removal of Mooring Cell (MC) 01. MC-01 had been a former reinforced concrete pump station, the foundation is embedded in rock, and the location is in direct conflict for the river wall construction. The original amount of the contract was \$94,124,350.00. The current value of the contract including this change order is \$96,340,172.00.

*The items denoted with an asterisk (\*) were reviewed by the Professional Services Committee at a publicly advertised meeting on November 30, 2020. The Committee unanimously approved and recommended that these items be submitted to the Board.*

\*Upon motion of Mr. Shea, seconded by Mr. Readshaw, the Board approved award of the Human Resources Information System (HRIS) to Rizing and authorized the Executive Director to negotiate a fee.

\*Upon motion of Mr. Shea, seconded by Ms. Wilson, the Board approved award of Engineering Services for Tunnel Program Management to Jacobs and authorized the Executive Director to negotiate a fee. This is the last piece of the program management component for wet weather compliance and development and implementation of the Clean Water Plan.

\*Upon motion of Ms. Wilson, seconded by Mr. Shea, the Board approved modification of Service Authorization 264 for 9Rooftops to continue the scope of work to fund the next phase of the campaign for Strategic Communications and Public Relations for an amount not to exceed \$1,210,542.00.

\*Upon motion of Mr. Shea, seconded by Ms. Wilson, the Board approved authorization of 3RWW to continue working beyond December 31, 2020.

Upon motion of Mr. Readshaw, seconded by Mr. Shea, the Board authorized the Executive Director to compensate the Government (FAO, USAED, Pittsburgh District – H4) in the amount of \$133,750.00 as part of the Project Partnership Agreement with the Department of the Army for Delafield Avenue Stream Inflow Removal Section 219 Project. As the non-Federal sponsor, ALCOSAN is responsible for 25% of the total project costs.

Upon motion of Mr. Shea, seconded by Mr. Readshaw, the Board approved modification of 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 approved the Board Meeting dates for the calendar year 2021 and authorized advertisement of those dates in accordance with the Sunshine Law:

Thursday, January 28, 2021	Fourth Thursday
Thursday, February 25, 2021	Fourth Thursday
Thursday, March 25, 2021	Fourth Thursday
Thursday, April 22, 2021	Fourth Thursday
Thursday, May 20, 2021	Third Thursday
Thursday, June 24, 2021	Fourth Thursday
Thursday, July 22, 2021	Fourth Thursday
<b>No Meeting in August</b>	
Thursday, September 23, 2021	Fourth Thursday
Thursday, October 28, 2021	Fourth Thursday
Thursday, November 18, 2021	Third Thursday
Thursday, December 9, 2021	Second Thursday

Upon motion of Ms. Wilson, seconded by Mr. Shea, the Board adopted the 2020 Consulting Engineers Report and the 2021 Operating and Capital Budgets.

The next Board of Directors Meeting will be held on January 28, 2021.

There being no further business, the meeting adjourned at approximately 5:15 p.m.



ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
3 Rivers Wet Weather		82,189.37	Professional Services Re: Provide Support Services for Regional Wet Weather Planning Compliance, Service Authorization No. 318, for the Month of December 2020. Invoice No. 12312020 Dated December 31, 2020.
9Rooftops Marketing		116,524.25	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of November 2020. Invoice No. 064399 Dated December 10, 2020.
ADS Environmental Services	35,350.00		Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 325, for the Month of November 2020. Invoice No. 35273-1220 Dated December 11, 2020.
AE Works	98,584.74		Professional Services Re: Laboratory/Industrial Waste Facility and Parking Garage Design, Service Authorization No. 350, for the Month of November 2020. Invoice No. ALCO-002-11 Dated November 30, 2020.
AE Works	87,295.18		Professional Services Re: Laboratory/Industrial Waste Facility and Parking Garage Design, Service Authorization No. 350, for the Month of December 2020. Invoice No. ALCO-002-12 Dated January 8, 2021.



ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
<b>AECOM</b>			
Technical Services	50,767.42		Professional Services Re: Alcosan Regionalization Analysis and Implementation, Service Authorization No. 299, for the Period of September 19 to October 23, 2020. Invoice No. 41/2000430863 Dated November 23, 2020.
Apple Ford	30,460.81		Furnish and Deliver One (1) 2021 Ford Super Cab F-250 Pickup Truck for Residuals, as per PA CoStars No. 025-002. Invoice No. FF1220 Dated December 16, 2020.
Arcadis	27,885.83		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period Ending December 6, 2020. Invoice No. 34207038 Dated December 21, 2020.
Babst, Calland, Clements & Zomnir		54,040.75	Professional Services Re: Legal Matters for the Month of November 2020. Invoice Nos. 1298033-1298042 Dated December 7, 2020.
Babst, Calland, Clements & Zomnir		28,348.50	Professional Services Re: Legal Matters for the Month of December 2020. Invoice Nos. 1299203-1299218 Dated January 10, 2021.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Burch Hydro, Inc.		75,854.48	Biosolids Management Services for the Month of November 2020. Invoice No. 1912 Dated November 30, 2020.
Burch Hydro, Inc.		108,947.97	Biosolids Management Services for the Month of December 2020. Invoice No. 1933 Dated December 31, 2020.
Burns & Scalo Roofing Company	22,733.73		Roof Modifications for Screening Garage and Power Generation Building, Contract No. 1714, Estimate No. 3.
CDM Smith	221,694.23		Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of November 8 through December 12, 2020. Invoice No. 90114728/55 Dated December 22, 2020.
Costa Contracting	106,760.14		Clay Street Sewer Separation, Contract No. 1706, Estimate No. 4.
G. Stephens, Inc.	47,959.95		Professional Services Re: Alcosan New Laboratory, Industrial Waste and Garage, Service Authorization No. 353, for the Month of November 2020. Invoice No. 6624 Dated January 8, 2021.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
GAI Consultants	79,270.18		Professional Services Re: Wet Weather Facility Rehab for Long Road Equal Facility, Sandy Creek Equal Facility and Loungeay Pump Station, Service Authorization No. 344, for the Period of June 17 to August 8, 2020. Invoice No. 2154599 Dated September 2, 2020.
GAI Consultants	72,592.99		Professional Services Re: Wet Weather Facility Rehab for Long Road Equal Facility, Sandy Creek Equal Facility and Loungeay Pump Station, Service Authorization No. 344, for the Period of June 8 to September 6, 2020. Invoice No. 2155583 Dated January 11, 2021.
GAI Consultants		30,415.00	Professional Services Re: Alcosan FBI #2 Emissions Stack Testing, Service Authorization No. 274-2 Mod 9, for the Period of October 18 to November 14, 2020. Invoice No. 2157225 Dated November 25, 2020.
GAI Consultants		30,008.90	Professional Services Re: Alcosan FBI #1 Emissions Stack Testing, Service Authorization No. 274-2 Mod 8, for the Period of October 18 to November 14, 2020. Invoice No. 2157243 Dated November 30, 2020.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
GHD, Inc.	36,034.89		Professional Services Re: Alcosan CSO Bypass and Disinfection, Service Authorization No. 361, for the Period of November 2 through November 21, 2020. Invoice No. 152520 Dated November 28, 2020.
Ideal Integrations		41,945.00	Spam/Security Filtering and Email Monitoring for the Period of January 27, 2021 through January 26, 2022. Invoice No. B42202 Dated December 8, 2020.
Jacobs Engineering	65,897.00		Professional Services Re: Green Stormwater Infrastructure and Source Controls, Service Authorization No. 302, for the Month of November 2020. Invoice No. 696645CH040 Dated December 7, 2020.
Jet Jack, Inc.		114,614.94	Annual Interceptor Cleaning, Contract No. 1711, Estimate No. 5.
Kappe Associates	25,867.00		Furnish and Deliver One (1) Rotating Assembly/Impeller for the Sandy Creek Pump Station. Invoice No. 19-4400-J10 Dated December 21, 2020.
Kokosing	67,050.00		Main Pump Station Flow Meters and Access Platforms-General. Contract No. 1716-G, Estimate No. 6.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Kokosing	426,842.02		Return Activated Sludge (RAS) Pipe and Pump Replacement-General. Contract No. 1728-6, Estimate No. 1.
Mascaro Construction	746,040.91		North End Plant Expansion-General, Contract No. 1723-6, Estimate No. 3.
Michael Baker	139,576.35		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 319, for the Period Ending September 30, 2020. Invoice No. 1103101 Dated December 16, 2020.
Michael Baker	373,290.78		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 319, for the Period Ending November 30, 2020. Invoice No. 1103845 Dated December 22, 2020.
Perkin Elmer		135,157.19	Furnish and Deliver One (1) NexION 1000 ICP-MS Instrumentation Equipment for the Laboratory to Provide Analysis for Multi-Elemental Metals. Invoice No. 5304637941 Dated December 29, 2020
Polydyne, Inc.		34,314.00	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1499008 Dated November 25, 2020.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Polydyne, Inc.		34,314.00	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1503087 Dated December 14, 2020.
Polydyne, Inc.		34,298.04	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1506872 Dated December 30, 2020.
Prime AE Group	82,039.86		Professional Services Re: Remote Pump Station Improvements, Service Authorization No. 346, for the Period of August 1 to October 9, 2020. Invoice No. 6 Dated September 30, 2020.
Shiloh Industrial Contractors, Inc.	43,771.25		WA-4 Pre-Engineered Storage Building. Contract No. 1722, Estimate No. 3.
U. S. Army Corps of Engineers	133,750.00		Agreement With the Department of the Army for Design and Construction of the Delafield Avenue Stream Inflow Removal, Section 219 Project.
Wade Trim	101,081.67		Professional Services Re: Wet Weather Advance Facilities Preliminary Planning, Service Authorization No. 304, for the Month of October 2020. Invoice No. 5003324 Dated November 5, 2020.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

INVOICES OVER \$20,100.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Wade Trim	24,478.07		Professional Services Re: Effluent Flushing Water System Improvements, Service Authorization No. 356, for the Month of November 2020. Invoice No. 5003401 Dated December 1, 2020.
Whitman, Requardt & Associates	61,844.86		Professional Services Re: Alcosan New East Headworks Facility, Service Authorization No. 329, for the Period of October 25 through November 18, 2020. Invoice No. 22-14430.000 Dated December 16, 2020.
Whitmoyer Auto Group	25,100.00		Furnish and Deliver One (1) 2021 Ford F150 4X4 Regular Cab for Regional Conveyance, as per PA CoStars Contract No. 025-162. Invoice No. F2039 Dated January 5, 2021.



ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

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

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Allegheny Education Systems, Inc.	15,100.00		Furnish and Deliver Four (4) 3Ultimaker S3 3D Printers. Invoice No. 28029 Dated December 21, 2020.
Eckert Seamans		12,455.66	Professional Services Re: Legal Services in Connection with the IRS Audit of the Alcosan Sewer Revenue Bonds, Series of 2013. Invoice No. 1596068 Dated December 9, 2020.
Environmental System Research Institute		16,364.00	Furnish and Deliver GIS Software to Support Online and Static Mapping, Asset Management, Data Analysis and Data Collection. Invoice No. 93933040 Dated November 11, 2020.
Hanna Langholz Wilson Ellis	18,496.58		Professional Services Re: Property and Right of Way Acquisition, Service Authorization No. 316, for the Period Ending October 31, 2020. Invoice No. 20H Dated December 5, 2020.
HDR Engineering	17,910.67		Professional Services Re: North End Facilities New Outfall and Disinfection Facility and New Secondary Clarifiers, Service Authorization No. 322, for the Period of October 25 to November 21, 2020. Invoice No. 1200312132/18 Dated December 3, 2020.

ALCOSAN PAYABLES EXCEEDING \$10,900.00 FROM DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

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

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Link Computer	14,190.00		Furnish and Deliver Six (6) Precision 5820 Towers and Four (4) Dell Ultra Sharp Monitors. Invoice No. INV138833 Dated December 24, 2020.

UTILITY INVOICES EXCEEDING \$10,900.00 PAID DURING THE PERIOD OF DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Direct Energy		17,684.08	Natural Gas Commodity Charges for the Month of November 2020. Invoice No. HS0218537. Account 737446-81920.
Direct Energy		56,784.95	Natural Gas Commodity Charges for the Month of December 2020. Invoice No. HS12241061. Account 737446-81920.
Duquesne Light Co.		500,188.83	Electrical Service, 3300 Preble Avenue-October 22 to November 24, 2020. Account No. 8737-850-000.
Duquesne Light Co.		448,658.46	Electrical Service, 3300 Preble Avenue-November 24 to December 22, 2020. Account No. 8737-850-000.
Pittsburgh Water & Sewer Authority		63,390.12	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of November 2020. Account No. 5078223-1003133.
Pittsburgh Water & Sewer Authority		32,589.96	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of November 2020. Account No. 5078224-1000652.
Pittsburgh Water & Sewer Authority		29,969.13	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of November 2020. Account No. 5078225-1003651.

UTILITY INVOICES EXCEEDING \$10,900.00 PAID DURING THE PERIOD OF DECEMBER 2, 2020 THROUGH JANUARY 14, 2021

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Pittsburgh Water & Sewer Authority		56,024.70	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of December 2020. Account No. 5078223-1003133.
Pittsburgh Water & Sewer Authority		67,520.94	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of December 2020. Account No. 5078224-1000652.
Pittsburgh Water & Sewer Authority		51,932.28	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of December 2020. Account No. 5078225-1003651.

TOTAL      3,165,967.11    2,274,535.50

**TABULATION OF BIDS**

**CONTRACT NO. 1736  
REPAIR OF ROLL-UP GARAGE DOORS**

**(BID OPENING, THURSDAY, JANUARY 7, 2021 @ 11:00 A.M.)**

<u>COMPANY NAME</u>	1. Hourly Rate Repairman/ Installer	2. Overtime Rate Repairman/ Installer	3. Hourly Rate Repairman/ Installer's Helper	4. Overtime Rate Repairman/ Installer's Helper	5. % Mark-Up
ALLIED MATERIALS CO., DBA OVERHEAD DOOR CO. OF GREATER PITTSBURGH	\$106.00	\$159.00	\$65.00	\$97.50	22%

WITNESS:   
 WITNESS: 

Previous Contract No. 1709:  
 Awarded on January 24, 2019 to  
 ALLIED MATERIALS CO.,  
 DBA OVERHEAD DOOR CO.  
 OF GREATER PITTSBURGH

\$99.85      \$149.77      \$59.97      \$89.95

1



**TABLATIONS OF BID**

**CONTRACT NO. 1737**

**FURNISH AND DELIVER FIBERGLASS FLIGHTS FOR  
THE PRIMARY SEDIMENTATION TANKS**

**(BID OPENING TUESDAY, JANUARY 12, 2021 @ 11:00 A.M.)**

<u>COMPANY NAME</u>	<u>ITEM NO. 1</u> Length of 13' - 6" <u>UNIT PRICE</u>	<u>ITEM NO. 2</u> Length of 15' - 6" <u>UNIT PRICE</u>	<u>ITEM NO. 3</u> Length of 15'-5 7/8" <u>UNIT PRICE</u>
Fairfield Service Company	\$77.96	\$85.66	\$85.66
Evoqua Water Technologies	\$109.00	\$122.00	\$127.00
Guardian Environmental Products	\$114.00	\$129.00	\$134.00
Brentwood Industries, INC.	N/A	N/A	N/A

WITNESS: *[Signature]*

WITNESS: *[Signature]*

**Previous Contract No. 1688:**  
Awarded on January 25, 2018  
to Evoqua Water Technologies

**\$109.00**                      **\$122.00**                      **\$127.00**

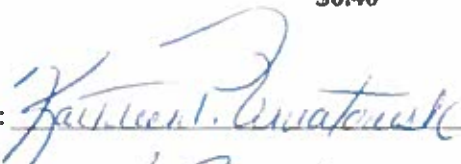
**TABULATION OF BIDS**

**CONTRACT NO. 1738**

**FURNISH AND DELIVER  
CAUSTIC SODA FOR DEMINERALIZATION UNIT REGENERATION**

**(BID OPENING ON THURSDAY, JANUARY 14, 2021 AT 11:00 A. M.)**

<u>COMPANY</u>	<u>Item No. 1 High Purity Grade PRICE PER POUND</u>
SAL CHEMICAL	\$0.168
CHEMSTREAM	\$0.18
UNIVAR SOLUTIONS, INC.	\$0.40

WITNESSED: 

WITNESSED: 

**Previous Contract No. 1687:**  
Award on January 25, 2018 to Univar USA,  
Inc., High Purity Grade at \$0.42/per lb.

# Change Order Exhibit

Allegheny County Sanitary Authority

<b>Contract No.:</b> 1717	<b>Change Order Number:</b> 1717-CO-002
<b>Project Name:</b> O&M Building Facade Repairs	<b>Date Issued:</b> 01.25.2021
<b>Contractor:</b> Caliber Contracting Services, Inc.	

<p><b>PCO:</b> PCO - 00002 - 2 1717 Insertion of Flashing Pieces at each window corners at 4th floor corridor lower level windows</p> <p><b>Description of Change:</b> 1. There are 8 windows and 16 corners that require the removal of existing caulking                  2. Each window corner to receive the insertion of a piece "L" flashing approx.. 5" long.                  3. This piece of flashing to extend over the window vertical mullion and close off the void area left during original window installation.                  2. The new flashing is caulked in place between each existing flashing.</p> <p><b>Purpose for Change:</b>                  This repair is to close the void at the top of each exterior window corner to eliminate water from leaking around the windows and entering inside the building .</p> <p><b>Reason for Change:</b>                  This repair is to eliminate any further damage to the interior drywall around the windows.</p>	<p><b>Value of Change:</b> \$19,535.00</p>
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<b>Total Add/&lt;Deduction&gt;:</b>	\$19,535.00
	0 Calendar Days

*Raymond Stacey*  
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 Construction Manager, ALCOSAN