AGENDA
REGULAR MEETING OF THE BOARD OF THE ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, JULY 23, 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** – ***Karen Fantoni***

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

1. No. 1, under Contract 1708, "Furnish and Install ERF Air Compressors" from Mele and Mele and Sons, Inc, a credit in the amount of $80,100.00. It was concluded that the VFDs included in the original contract would not have provided a reasonable return on investment. The original amount of the contract was $671,157.00. The current value of the contract including this change order is $591,057.00

III. Action Items

A. Approval of the minutes of the Regular Board Meeting of June 25, 2020.

B. Consider authorizing payment of invoices in excess of $20,100.00 processed during the period of June 13, 2020 through July 15, 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. 1733, "Aeration Tank Diffuser Replacement"

D. Motion to approve the following contracts:

1. Contract No. 1728-G, "Return Activated Sludge (RAS) Pipe and Pump Replacement – General," to Kokosing at the price of $14,166,850.00. Bids received are indicated on **Exhibit F**

2. Contract No. 1728-E, "Return Activated Sludge (RAS) Pipe and Pump Replacement – Electric," to Wellington Power Corp. at the price of $3,683,000.00. Bids received are indicated on **Exhibit G**

3. Contract No. 1728-H, "Return Activated Sludge (RAS) Pipe and Pump Replacement – HVAC," to Guys Mechanical at the price of $1,128,000.00. Bids received are indicated on **Exhibit H**

4. Contract No. 1728-P, "Return Activated Sludge (RAS) Pipe and Pump Replacement – Plumbing," to First American Industries Inc. at the price of $242,000.00. Bids received are indicated on **Exhibit I**

5. Contract No. 1731, "Furnish and Deliver Sulfuric Acid," to Sal Chemical at the price of $0.16 per pound. Bids received are indicated on **Exhibit J**

6. Contract No. 1732, "Furnish and Deliver Sodium Bisulfite," to JCI Jones Chemicals, Inc. at the price of $0.1111 per pound. Bids received are indicated on **Exhibit K**

E. 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 L**

1. No. 2, under Contract 1715G, "Temporary Hypochlorite Storage and Feed System - General" from Kokosing Construction, for the amount of $28,700.00. This includes work to reroute piping to allow clearances for future demolition work under a different project. The original amount of the contract was $656,900.00. The current value of the contract including this change order is $690,677.02.

F. 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 GAI Consultants, under the agreement for Engineering Consultant Services, for an amount not to exceed $44,700.00, to provide additional engineering support services during the on-going stack testing.

G. Motion to approve modification of Service Authorization 302 for Jacobs (formerly CH2M Hill), under the agreement for Engineering Consultant Services for an additional six (6) months no cost extension of services, to continue to provide services for the Green Stormwater Infrastructure/Source Control Program Manager.

H. Motion to approve modification of Service Authorization 350 for AEWorks, under the agreement for Engineering Consultant Services to perform additional design services for the build-out of the 3rd floor and additional utility location verification for the Laboratory/Industrial Waste Facility in the amount of $115,760.00.

I. Motion to approve modification of Service Authorization 335 for HDR Engineering, under the agreement for Engineering Consultant Services to perform services during construction and for additional scope items completed during the design phase for the Return Activated Sludge Pipe and Pump Replacement project for an amount not to exceed $1,630,710.00.

J. Motion to approve modification of Service Authorization 327 for McCormick-Taylor, under the agreement for Communication Consultant Services, for an amount not to exceed $25,000.00, to provide technical support through December 31, 2020. If no technical support is required, no costs will be incurred.

IV. New Business

V. Adjournment (Next meeting: September 24, 2020)

CURRENT EXPENSES

	ANNUAL APPROPRIATION	JANUARY 1, 2020 APPROPRIATIONS	THRU EXPENDITURES	JUNE 30, 2020 BALANCE	PERCENT OF ANNUAL BUDGET USED TO DATE
INTERCEPTOR MAINTENANCE	$13,976,900	$6,988,450	$2,615,788	$4,372,662	18.7%
PLANT OPERATIONS	25,302,800	12,651,400	10,923,316	1,728,084	43.2%
ENVIRONMENTAL COMPLIANCE	5,163,000	2,581,500	2,041,238	540,262	39.5%
CUSTOMER SERVICE & BILLING	3,502,600	1,751,300	1,796,501	-45,201	51.3%
MANAGEMENT INFORMATION SERVICE	3,024,000	1,512,000	1,510,641	1,359	50.0%
PLANT MAINTENANCE	10,344,300	5,172,150	5,004,645	167,505	48.4%
ADMINISTRATION AND ENGINEERING	14,710,800	7,355,400	5,338,558	2,016,842	36.3%
PROFESSIONAL	880,000	440,000	379,162	60,838	43.1%
EMPLOYEE BENEFITS	24,708,700	12,354,350	11,320,068	1,034,282	45.8%
TOTAL ALL DEPARTMENTS	$101,613,100	$50,806,550	$40,929,917	$9,876,633	40.3%
DEBT SERVICE (AMORTIZED)	59,297,194	$29,648,597	$29,648,597	$0	
	$160,910,294	$80,455,147	$70,578,514	$9,876,633	43.9%

CURRENT REVENUES

	ANNUAL PROJECTION	JANUARY 1, 2020 PROJECTIONS	THRU ACTUAL	JUNE 30, 2020 EXCESS	PERCENT OF ANNUAL PR0JECTION RECEIVED TO DATE
CURRENT REVENUES	$193,157,500	$92,569,644	$90,009,414	-$2,560,230	46.6%

EXHIBIT A

EXHIBIT B

ALCOSAN 2020 Capital Budget

STATUS REPORT

As of July 23, 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	28,292
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	1,149,512
S460	Plant Facilities and Safety Upgrades (2018-2020)	3,700,000	2,465,938	834,173	289,622
S464	New Lab and Industrial Waste Facility	45,000,000	253,352	2,500,000	500,521
S472	Plant Facilities and Safety Upgrades (2020-2021)	3,000,000	-	1,700,000	63,797
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**	**2,039,892**
	Existing Interceptor System Projects				
S458	Conveyance, Rehabilitation and Enhancements (2018-2020)	6,652,000	2,401,298	5,646,720	999,303
S469	CIPP Lining of the Mon-Sub-Aqueous Inter. & SMR Inter.	19,630,000	82,534	13,902,000	247,906
S470	Flap Gate & Misc. Regulator Improvements at Various Loc.	3,122,000	97,304	1,500,000	134,991
S471	Remote Pump Station Improvements	4,376,000	9,587	750,000	65,696
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**	**1,450,201**
	Municipal Source Control Projects				
S437	Ravine St Stream Removal and Sewer Separation	4,189,800	103,174	4,053,000	(133,053)
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	901,195
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	510,758
Subtotal	**Municipal Source Control Projects**	**106,210,000**	**6,808,961**	**24,317,600**	**1,280,018**
	Wet Weather Plant Expansion Projects				
S430	Wet Weather Plant Expansion Program	49,000,000	8,952,650	4,000,000	1,561,510
S461	North End Facilities	180,000,000	4,361,186	15,000,000	2,809,213
S462	New East Headworks	123,000,000	1,828,833	4,500,000	2,583,312
S466	Wet Weather Disinfection	40,000,000	476	500,000	1,476
S468	Electrical Distribution System Upgrade	14,000,000	233,028	2,000,000	103,399
Subtotal	**Wet Weather Plant Expansion Projects**	**406,000,000**	**15,376,173**	**26,000,000**	**7,058,911**
	Interim Wet Weather Plan Regional Projects				
S432	Preliminary Planning	18,350,000	11,531,845	6,000,000	3,772,425
S446	Regionalization	49,505,000	22,635,920	12,000,000	1,087,546
S448	Interim Wet Weather Planning Compliance	22,850,000	8,239,930	2,000,000	933,404
S451	Property Acquisitions	41,029,000	157,385	7,000,000	100,742
S456	Program Management Information System (PMIS)	9,000,000	1,619,190	400,000	152,163
S475	Tunnel Program Management	25,481,000	-	150,000	-
S476	Precipitation Monitoring System Replacement & Upgrade	711,200	-	448,000	157
S477	Water Quality Monitoring Program	2,560,000	-	387,000	628
S478	Flow Targets	500,300	-	167,000	-
Subtotal	**Interim Wet Weather Plan Regional Projects**	**169,986,500**	**44,184,270**	**28,552,000**	**6,047,064**
	Other Capital Improvements				
S419	Mobile Equipment (2020)	947,900	-	947,900	179,154
S000	2020 Low Cost Capital Improvements	2,479,100	-	2,479,100	468,332
Subtotal	**Other Capital Improvements**	**3,427,000**	**-**	**3,427,000**	**647,486**
Total 2020 Capital Program		**783,624,100**	**74,526,229**	**113,109,563**	**18,523,572**

EXHIBIT
C

Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contractor: Mele & Mele & Sons	Change Order Number: 1708-CO-001 Credit
Contract Title: Furnish & Install ERF Compressors	Date Issued: 6-30-20
Project No: 1708	Proposed Change Order No.: 1708-PCO-001A

Description of work:

Elimination of these items:

(1) 8x8 modular room	$16,050
(1) 9x9 concrete slab	$ 4,920
(3) VFDS	$27,158
(3) By pass switches	$19,652
(3) Line reactors	$ 2,945
(3) IR485 boxes	$ 1,418
(3) Pressure reducers	$ 950
(3) VFD B boxes	$ 3,665
Associated hardware	$ 1,342
(1) IO Box	$ 2'000
Credit Total	$80,100

Reason (Why the work was not included in the basic contract):
The above items were included in ordinal contract.
The low range of the VFDs could not operate and would not provide the economic benefit necessary to a reasonable return on investment. With that the modular room and components were not necessary

Economic Value (Life Cycle Cost/Benefit) to ALCOSAN:
This Change Order is a credit so Life Cycle Cost Benefit does not apply.

Reason recommended for Board Approval:
This credit will reduced the original contract from $671,157 to $591,057

Total Credit:	$80,100.00

ALCOSAN DATE

MINUTES
REGULAR MEETING OF THE BOARD OF THE
ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, JUNE 25, 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 Mr. Corey O'Connor; Ms. Sylvia Wilson, Dr. Shannah Tharp-Gilliam, 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, Ms. Fantoni, and Ms. Preston.

Everyone stood for the Pledge of Allegiance.

One visitor requested to speak during the public comment period. Mr. John Stephen from Aspinwall and coordinator of the Negley Run Watershed Taskforce. He thanked ALCOSAN for their active participation with the taskforce and for presenting their early results of the controlling the source project in the watershed. He is concerned that if ALCOSAN does not fully engage the Municipal Advisory Committee the taskforce may hit a stonewall, he reminded that Advisory Committee is supposed to meet quarterly, to coordinate the flow monitoring plan and the progress of the wet weather plan. The results are to be presented to the regulators in the fall. He urged ALCOSAN to use bonds to increase the financing options available to fund innovative projects to keep rainwater out of the sewers.

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. Mr. Inks was pleased to announce that thru the end of May the authority collected 72 million while expending about 59.1 million with revenues in excess of expenses of about 13 million. Mr. Inks advised that the Authority is operating in a sound manner and is in good standing.

Upon motion of Mr. Shea, seconded by Ms. Wilson, the Board approved the minutes of the Regular Board Meeting of May 21, 2020.

Upon motion of Mr. Shea, seconded by Ms. Wilson, the Board authorized payment of invoices in excess of $20,100.00 processed during the period of May 13, 2020 through June 12, 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. Shea, seconded by Dr. Gilliam, the Board authorized the preparation of specifications and advertisement for bids for the following contracts:

1. Contract No. 1731, "Furnish and Deliver Sulfuric Acid"

2. Contract No. 1732, "Furnish and Deliver Sodium Bisulfite"

The items denoted with an asterisk (*) were reviewed by the Professional Services Committee at a publicly advertised meeting on June 11, 2020. The Committee unanimously approved and recommended that these items be submitted to the Board.

*Upon motion of Mr. Readshaw, seconded by Mr. Weinstein the Board approved modification of Service Authorization 322 for HDR Engineering, under the agreement for Engineering Consultant Services to perform services during construction and for additional scope items completed during the design phase for the North End Plant Expansion project in the amount of $2,853,158.00.

*Upon motion of Ms. Wilson, seconded by Mr. Shea the Board approved modification of Service Authorization 324-04 for Hatch, under the agreement for Engineering Consultant Services for an additional six (6) month no cost extension of services, to continue to provide services for the Biosolids Trend Analysis under the Retained Engineer contract. This delay was due to the impact of the COVID-19 virus.

*Upon motion of Ms. Readshaw, seconded by Mr. Shea the Board approved modification of Service Authorization 299 for AECOM to be granted Option Year One to continue as ALCOSAN's Program Manager for Regionalization at no additional fee.

*Upon motion of Mr. Weinstein, seconded by Mr. Shea the Board agreed to ratify the Executive Director's execution of the Assignment Agreement with e-Builder, Inc. and CDM Smith through which CDM Smith assigns its rights and obligations under the Master License and Services Agreement for the e-Builder Enterprise system to ALCOSAN.

Upon motion of Mr. Shea, seconded by Dr. Gilliam, 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 Dr. Gilliam, the Board authorized the Executive Director to enter into an Access Agreement with both the Urban Redevelopment Authority of Pittsburgh and Kumer Associates, LLC to perform field investigations as part of the Clean Water Plan implementation.

Upon motion of Mr. Readshaw, seconded by Mr. Shea, the Board agreed to adopt Resolution 2020-6-1 retaining an investment banking team to underwrite bonds for the refinancing of outstanding 2010 Series debt in order to achieve significant interest rate savings and to issue additional bond proceeds under the Sewer Revenue Bonds, Series 2020. The additional proceeds will be used for the continued financing of the Authority's Capital Improvement Program. Mr. Inks stated that Finance Committee met almost two months ago. The Finance Committee agreed to retain the successful bond team that helped the authority achieve over 60 million in refunding savings of the 2016 and 2018 series refunding.

Upon motion of Mr. Readshaw, seconded by Mr. Shea, the Board agreed to adopt Resolution 2020-6-2 Dated June 25th authorizing the Authority to issue its Sewer Revenue Bonds, Series 2020. Proceeds from the Bonds will be used to refinance outstanding 2010 Series Bonds and continued

financing of the Authority's Capital Improvement Program. Mr. Inks stated that this item is to refund the 2010 series which is callable on December 1st and can be refunded 90 days in advance. The authority is looking at a savings of approximately 30 million dollars, going from a bond yield of 4.9 to 2.15%

Upon motion of Mr. Shea, seconded by Mr. Readshaw, the Board agreed to accept the letter of resignation dated June 12, 2020 of Board Member Brenda Smith.

The next Board of Directors Meeting will be held on July 23, 2020.

There being no further business, the meeting adjourned at approximately 4:52 p.m.

ALCOSAN PAYABLES EXCEEDING $10,900.00 FROM JUNE 13, 2020 THROUGH JULY 15, 2020

INVOICES OVER $20,100.00

	CAPITAL	OPERATING	DESCRIPTION
3 Rivers Wet Weather		56,742.24	Professional Services Re: Provide Support Services for Regional Wet Weather Planning Compliance, Service Authorization No. 318, for the Month of April 2020. Invoice No. 04302020 Dated May 4, 2020.
3 Rivers Wet Weather		53,240.13	Professional Services Re: Provide Support Services for Regional Wet Weather Planning Compliance, Service Authorization No. 318, for the Month of May 2020. Invoice No. 05312020 Dated June 8, 2020.
3 Rivers Wet Weather		50,148.67	Professional Services Re: Provide Support Services for Regional Wet Weather Planning Compliance, Service Authorization No. 318, for the Month of June 2020. Invoice No. 06302020 Dated July 6, 2020.
Accelerated Technology Lab		20,619.86	ATL Gold Support for LIMS Account Manager, Unlimited Technical Support, Programming Support, Dial-In Remote Support, Access to Web Site User Support Area, Software Service Packs, Product Upgrades, Migration Credit and Sample Master Solutions Newsletter for the Period of July 8, 2020 through July 7, 2021. Invoice No. 23220 Dated June 29, 2020.

EXHIBIT D

ALCOSAN PAYABLES EXCEEDING $10,900.00 FROM JUNE 13, 2020 THROUGH JULY 15, 2020

INVOICES OVER $20,100.00

	CAPITAL	OPERATING	DESCRIPTION
ADS Environmental Services	40,400.00		Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 325, for the Month of May 2020. Invoice No. 35273-0620 Dated June 5, 2020.
ABM Electrical Power Solutions		87,750.00	Repair Work for Substation Bus C Transformer as per PA Co-Stars No. 030-014. Invoice No. 15280311 Dated June 30, 2020.
AECOM Technical Services	72,436.84		Professional Services Re: Alcosan Regionalization Analysis and Implementation, Service Authorization No. 299, for the Period of March 21 through April 17, 2020. Invoice No. 35/2000352115 Dated April 29, 2020.
AECOM Technical Services	77,163.56		Professional Services Re: Alcosan Regionalization Analysis and Implementation, Service Authorization No. 299, for the Period of April 18 through May 22, 2020. Invoice No. 36/2000365047 Dated June 1, 2020.
AE Works	159,676.57		Professional Services Re: Laboratory/Industrial Waste Facility and Parking Garage Design, Service Authorization No. 350, for the Month of June 2020. Invoice No. ALCO-002-6.

ALCOSAN PAYABLES EXCEEDING $10,900.00 FROM JUNE 13, 2020 THROUGH JULY 15, 2020

INVOICES OVER $20,100.00

	CAPITAL	OPERATING	DESCRIPTION
Apple Automotive	27,400.00		Furnish and Deliver One (1) 2020 Chrysler Voyager LX Passenger Van for Mail, as per PA CoStars Contract No. 025/002. Invoice No. HCF1298 Dated July 7, 2020.
Apple Automotive	30,230.00		Furnish and Deliver One (1) 2020 Ford F250 Crew Cab 4X4 for Wet Weather, as per PA CoStars Contract No. 025/002. Invoice No. FF1142 Dated July 15, 2020.
Arcadis	93,203.93		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period Ending May 17, 2020. Invoice No. 34167278 Dated June 10, 2020.
Arcadis	103,915.93		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period Ending June 21, 2020. Invoice No. 34173238 Dated July 9, 2020.
Babst, Calland, Clements & Zomnir		59,041.03	Professional Services Re: Legal Matters for the Month of June 2020. Invoice Nos. 1291524-1291537 Dated July 6, 2020.

ALCOSAN PAYABLES EXCEEDING $10,900.00 FROM JUNE 13, 2020 THROUGH JULY 15, 2020

INVOICES OVER $20,100.00

	CAPITAL	OPERATING	DESCRIPTION
Bissnuss, Inc.	20,460.00		10% Deposit on One (1) Rodney Hunt Cast Iron Slice Gate as per PA CoStars Contract No. 016-109. Invoice No. 11233-IN Dated July 7, 2020.
Burch Hydro, Inc.		112,670.20	Biosolids Management Services for the Month of June 2020 . Invoice No. 1846 Dated June 30, 2020.
CDM Smith	184,647.17		Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of May 17 through June 13, 2020. Invoice No. 90101840/49 Dated June 25, 2020.
Ideal Integrations		236,013.00	Management Services to Support Hardware, Software and Data of the Alcosan Network Backup, as per CoStars Contract No. 003-262, for the Period of August 1, 2020 to July 31, 2021. Invoice No. B40598 Dated June 08, 2020.
Jacobs Engineering	83,897.25		Professional Services Re: Green Stormwater Infrastructure and Source Controls, Service Authorization No. 302, for the Month of May 2020. Invoice No. 696645CH034 Dated June 10, 2020.

ALCOSAN PAYABLES EXCEEDING $10,900.00 FROM JUNE 13, 2020 THROUGH JULY 15, 2020

INVOICES OVER $20,100.00

	CAPITAL	OPERATING	DESCRIPTION
Jet Jack, Inc.	118,797.88		Heavy Cleaning, CCTV Inspection, Root Removal and Point Lining Improvements, Contract No. 1695A, Estimate No. 5.
Jet Jack, Inc.		141,038.30	Annual Interceptor Cleaning, Contract No. 1711, Estimate No. 2.
Keystone Acquisition Services Corp.	66,066.01		Professional Services Re: Property and Right of Way Acquisitions, Service Authorization No. 314, for the Period of January 27 to April 19, 2020. Invoice No. 5.
Kokosing	153,969.32		Temporary Sodium Hypochlorite Storage and Feed System-General. Contract No. 1715-G, Estimate No. 3.
MARC USA		299,942.89	Professional Services Re: Advertising, Service Authorization No. 264, for the Month of June 2020. Invoice No. 061828 Dated July 8, 2020.
MARC USA		70,066.00	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of June 2020. Invoice No. 061825 Dated July 8, 2020.

ALCOSAN PAYABLES EXCEEDING $10,900.00 FROM JUNE 13, 2020 THROUGH JULY 15, 2020

INVOICES OVER $20,100.00

	CAPITAL	OPERATING	DESCRIPTION
MS Consultants, Inc.	21,988.25		Professional Services Re: Lining Monongahela Subaqueous, Service Authorization No. 349 for the Period of April 27 to May 24, 2020. Invoice No. 61-04E57-01-9 Dated June 16, 2020.
Polydyne, Inc.		43,959.40	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1464256 Dated June 26, 2020.
Polydyne, Inc.		41,998.43	Furnish and Deliver Polymers Per Contract No. 1692. Invoice No. 1467515 Dated July 13, 2020.
Schwing Bioset		53,193.15	Furnish and Deliver Inventory Parts for Pump Repairs. Invoice No. 61424553 Dated July 10, 2020.
Simakas Company	74,092.48		Replacement of Fluid Bed Incinerator No. 1 Manifolds. Contract No. 1720, Estimate No. 5 and Final.
Wade Trim	580,804.14		Professional Services Re: Wet Weather Advance Facilities Preliminary Planning, Service Authorization No. 304, for the Period Ending May 2, 2020. Invoice No. 5002943 Dated May 21, 2020.

ALCOSAN PAYABLES EXCEEDING $10,900.00 FROM JUNE 13, 2020 THROUGH JULY 15, 2020

INVOICES OVER $20,100.00

	CAPITAL	OPERATING	DESCRIPTION
Wade Trim	487,303.02		Professional Services Re: Wet Weather Advance Facilities Preliminary Planning, Service Authorization No. 304, for the Period Ending June 19, 2020. Invoice No. 5003002 Dated June 19, 2020.
Whitman, Requardt & Associates	273,499.84		Professional Services Re: Alcosan New East Headworks Facility, Service Authorization No. 329, for the Period of April 12 through May 9, 2020. Invoice No. 15-14430.000 Dated June 3, 2020.
Whitman, Requardt & Associates	453,336.23		Professional Services Re: Alcosan New East Headworks Facility, Service Authorization No. 329, for the Period of May 10 through June 6, 2020. Invoice No. 16-14430.000 Dated June 30, 2020.
Whitmoyer Auto Group	25,100.00		Furnish and Deliver One (1) 2020 Ford F150 4X4, Regular Cab for Regional Conveyance, as per PA CoStars Contract No. 025-162. Invoice No. F0591 Dated July 2, 2020.
Whitmoyer Auto Group	27,814.00		Furnish and Deliver One (1) 2020 Ford Transit 150 Cargo Van for Electrical Maintenance, as per PA CoStars Contract No. 025-162. Invoice No. F3434 Dated July 3, 2020.

ALCOSAN PAYABLES EXCEEDING $10,900.00 FROM JUNE 13, 2020 THROUGH JULY 15, 2020

INVOICES OVER $20,100.00

	CAPITAL	OPERATING	DESCRIPTION
Xylem Dewatering Solutions	49,998.98		Furnish and Deliver One (1) 6" Pump for Regional Conveyance. Invoice No. 401015831 Dated June 18, 2020.

ALCOSAN PAYABLES EXCEEDING $10,900.00 FROM JUNE 13, 2020 THROUGH JULY 15, 2020

INVOICES FROM $10,900.00 TO $20,100.00

	CAPITAL	OPERATING	DESCRIPTION
Cosmos Technologies	12,948.67		Professional Services Re: Temporary Hypochlorite Storage and Feed System Design, Service Authorization No. 328, for the Period of March 1 to April 30, 2020. Invoice No. Hypo-11 Dated May 7, 2020.
Cosmos Technologies	13,427.89		Professional Services Re: Temporary Hypochlorite Storage and Feed System Design, Service Authorization No. 328, for the Period of May 1 to May 30, 2020. Invoice No. Hypo-12 Dated June 4, 2020.
Cowden Associates		15,823.00	Professional Services Re: Bargaining and Management Pension Plans and Retiree Medical Plan for the Month of June 2020. Invoice No. 42940 Dated July 7, 2020.
JWC Environmental		12,684.46	Furnish and Deliver One (1 Gear Reducer Muffin Monster and Cutter Assembly. Invoice No. 102439 Dated June 8, 2020.
Link Computer		16,542.00	Maintenance/Support Renewal for Network Storage Boxes for the Period of May 16, 2020 to January 30, 2021. Invoice No. INV133375 Dated June 25, 2020.

UTILITY INVOICES EXCEEDING $10,900.00 PAID DURING THE PERIOD OF JUNE 13, 2020 THROUGH JULY 15, 2020

	CAPITAL	OPERATING	DESCRIPTION
Direct Energy		18,208.44	Natural Gas Commodity Charges for the Month of May 2020. Invoice No. HS?????. Account 737446-81920.
Duquesne Light Co.		515,088.60	Electrical Service, 3300 Preble Avenue-May 23 to June 26, 2020. Account No. 8737-850-000.
Peoples Natural Gas		23,385.28	Gas Service Agreement, 3285 Preble Avenue- May 3 to June 30, 2020 - Meter No. 617077.
Pittsburgh Water & Sewer Authority		79,426.89	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of June 2020. Account No. 5078224-1000652.
Pittsburgh Water & Sewer Authority		54,934.65	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of June 2020. Account No. 5078225-1003651.
TOTAL	3,252,577.96	2,060,516.62	

EXHIBIT

E

AUTHORIZATION OF CONTRACTS FOR ADVERTISEMENT

1. Contract No. 1733, "Aeration Tank Diffuser Replacement"

   The contract is to furnish and install aeration tank diffuser equipment. It will generally include the following items:

   - Demolition of existing air manifolds, air distribution piping, and ceramic disc diffusers at the base of each of the eight aeration tanks which have become brittle over the last couple decades, resulting in occasional cracking and pipe rollover.
   - Installation of more robust air manifolds and air distribution piping as well as modern membrane disc diffusers.
   - Installation of miscellaneous appurtenances, including purge assemblies to purge condensation buildup in the air delivery system and potential connections to accommodate future maintenance.
   - The new diffuser grids will include "blank" diffuser holders to offer capability to increase air delivery as plant influent loads change over time.
   - Each aeration tank has four passes, and each pass has three droplegs that deliver the air to the diffuser grids at the base of the aeration tanks. The scope of this replacement will begin where the droplegs transition from stainless steel to PVC approximately 10 feet below the water surface.

EXHIBIT

F

BID TABULATION

CONTRACT NO. 1728-G

RAS PUMP AND PIPE REPLACEMENT

BID OPENING, Wednesday, July 15, 2020 @ 11:00 A.M.

COMPANY NAME	TOTAL BASE BID
KOKOSING	$14,166,850.00
WAYNE CROUSE	$15,102,800.00
MELE & MELE & SONS INC.	$15,177,777.00
SSM INDUSTRIES	$18,496,200.00
MCKAMISH	$23,931,875.00
CHAPMAN CORPORATION	$24,821,234.00

WITNESS: _____

WITNESS: _____

EXHIBIT

G

BID TABULATION

CONTRACT NO. 1728-E

RAS PUMP AND PIPE REPLACEMENT

BID OPENING, Wednesday, July 15, 2020 @ 11:00 A.M.

COMPANY NAME	TOTAL BASE BID
WELLINGTON POWER CORP.	$3,683,000.00
BRONDER TECHNICAL	$3,821,975.00
LANCO ELECTRIC	$4,149,000.00

WITNESS: _____

WITNESS: _____

EXHIBIT

H

BID TABULATION

CONTRACT NO. 1728-H

RAS PUMP AND PIPE REPLACEMENT

BID OPENING, Wednesday, July 15, 2020 @ 11:00 A.M.

COMPANY NAME	TOTAL BASE BID
GUYS MECHANICAL	$1,128,000.00
CHAPMAN CORPORATION	$1,139,000.00
FIRST AMERICAN INDUSTRIES	$1,154,000.00
HRANEC	$1,195,000.00
SSM INDUSTRIES	$1,285,000.00

WITNESS: _____

WITNESS: _____

EXHIBIT

I

BID TABULATION

CONTRACT NO. 1728-P

RAS PUMP AND PIPE REPLACEMENT

BID OPENING, Wednesday, July 15, 2020 @ 11:00 A.M.

COMPANY NAME	TOTAL BASE BID
FIRST AMERICAN INDUSTRIES INC.	$242,000.00
WAYNE CROUSE, INC	$243,300.00
SSM INDUSTRIES	$277,000.00
GUY'S MECHANICAL	$398,000.00

WITNESS: _____

WITNESS: _____

EXHIBIT

J

BID TABULATION

CONTRACT NO. 1731

FURNISH AND DELIVER SULFURIC ACID

(BID OPENING ON THURSDAY, JULY 16, 2020 @ 11:00 A. M.)

COMPANY NAME	PRICE IN FIGURES PER POUND
SAL CHEMICAL	$0.16

WITNESS: _____

WITNESS: _____

Previous Contract – JULY, 2017

Contract No. 1677 Awarded to SAL CHEMICAL COMPANY at $0.167 Per Pound

EXHIBIT

K

BID TABULATION

CONTRACT NO. 1732

FURNISH AND DELIVER SODIUM BISULFITE

(BID OPENING ON WEDNESDAY, JULY 15, 2020 @ 11:00 A. M.)

COMPANY NAME	PRICE IN FIGURES PER POUND
JCI JONES CHEMICALS, INC.	$0.1111
PVS CHEMICALS SOLUTIONS, INC.	$0.1115
SOUTHERN IONICS, INC.	$0.12

WITNESS: _____

WITNESS: _____

Previous Contract – September, 2018

Contract No. 1702 Awarded to Southern Ionics, Inc. at $0.104 Per Pound

EXHIBIT

tabbies

L

Change Order Exhibit

Allegheny County Sanitary Authority

Contract No.:	1715G	**Change Order Number:**	1715G-CO-002
Project Name:	Temporary Hypochlorite Storage and Feed System	**Date Issued:**	
Contractor:	Kokosing Construction		

PCO: PCO - 00005 Future Secondary Shutdown Disinfection System - Tee and Valve Installation **Description of Change:** Replace the proposed 2-inch 90 Degree bend in the 2-inch Hypo line to the Feed Pumps located in the EFW Building basement with a 2-inch CPVC tee and a 2-inch CPVC diaphragm valve and cap. Spool segments shall be 6-inch in length **Purpose for Change:** Provide a connection to the existing tanks to provide sodium hypochlorite for disinfection during the planned secondary outages. **Reason for Change:** Use of the existing sodium hypochlorite tanks will provide the most efficient and reliable source of sodium hypochlorite during the planned secondary outages.	**Value of Change:** $2,700.00
PCO: PCO - 00004 Hypo Piping Re-route - Around the West Splitter Box **Description of Change:** Install new 6-inch wide pipe support tray (same as existing) to support/contain the horizontal runs of piping starting approximately 25 feet west of the West Splitter Box, crossing over to the south side of the tunnel, dropping down and running east. Approximately 75 feet east of the West Splitter Box the piping rises up, crosses back to the north side of the tunnel and ties into the existing tray. The extra work will consist of adding the following estimated quantities: 126 LF of 6" wide tray; 138 LF of 1 1/2" dia. CPVC pipe; 22 LF of 1"dia. CPVC pipe; two (2) drain assemblies for the 1 1/2" pipe; one(1) drain assembly for the 1" pipe; one (1) vent assembly for the 1 1/2" piping; one (1) vent assembly for the 1" piping; one (1) one inch tru-union socket end diaphragm valve with a short stub of 1" pipe for the 1 1/2" piping system {basically just replacing the existing vent valve for the 1 ½" pipe at the far east end of this system}; adapters for using 1" valves on the 1 ½" pipe, all fittings for the 1 ½" piping, and one (1) 90 degree elbow for the 1" piping. Demolition: Demolish the existing tray (116 LF) and piping (1 run of 1 ½" piping) that was by-passed by this re-routing work. Note: Quantities of added pipe and tray are approximate. Contractor needs to field verify all measurements, quantities, arrangements, locations etc. for the work. Work shall follow the contract specifications as well as the sketches and descriptive information provided by the owner. Note: drain and vent assemblies refer to the piping, fittings, and flanged diaphragm valves required to constitute a drain or vent (as shown on sketches and/or contract documents).	**Value of Change:** $26,000.00

Change Order Exhibit

Allegheny County Sanitary Authority

Purpose for Change: The Temporary Sodium Hypochlorite Storage and Feed System Project was awarded and under construction prior to the completion of the RAS Pipe and Pump Replacement Project design. Under the RAS Pipe and Pimp Replacement Project the West Splitter Box Will be demolished. The re-routing of the Feed Line and Support Tray needs to be completed prior to the demolition of the Splitter Box. **Reason for Change:** The West Splitter Box will be demolished under separate contract. This piping arrangement is necessary to maintain the Hypo to RAS Feed System.	

Total Add/<Deduction>:	$28,700.00
	0 Calendar Days

Paul Pennington

Construction Manager, Gannett Fleming, Inc.