

AGENDA
REGULAR MEETING OF THE BOARD OF THE
ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, FEBRUARY 23, 2017

- I. Roll Call
Pledge of Allegiance – George Robinson III

- II. Information Items
 - A. Visitors – Public Comment

 - B. 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:
 1. No. 6, under Contract 1642G, “New Vehicle Maintenance Facility, General,” to MASCO Construction Co., Inc., in the amount of \$3,390.00 for two unrelated changes: a) for adding a magnetic security lock and closer to the caged storage area in Building No. 1; and b) for installing a drywall bulkhead in the Parts Storage Room in Building No.1 to close an opening created near the stairs leading to the mezzanine. The original amount of the contract was \$6,284,000.00. The current value of the contract including this change order and previous change orders is \$6,367,299.86. **Exhibit A**

- III. Action Items
 - A. Approval of the minutes of the Regular Board Meeting of January 26, 2017.

 - B. Consider authorizing payment of invoices in excess of \$18,500.00 processed during the period, January 14, 2017 through, February 13, 2017; ratify the action of the Executive Director in paying utility bills processed during the period and review invoices between \$10,000.00 and \$18,500.00 processed during the same period as per attached **Exhibit B**

 - C. Motion to authorize the preparation of specifications and advertisement for bids for the following contract: **Exhibit C**
 1. Contract 1673, “Evaporator Tube Bundle Replacement - Incinerator No. 2.”

 2. Contract 1674, “Modifications to Diversion Chambers A-17 & M-59”

- 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 D**
1. No. 2, under Contract 1642P, "New Vehicle Maintenance Facility, Plumbing," to Guy's Mechanical Systems, in an amount of \$3,725.00, for two changes: a) to install additional compressed air piping drops in the vicinity of the vehicle lifts in Building No. 1 and at the lubrication tanks; and b) to install additional dry horizontal sprinkler heads in the canopy at the south end of Building No. 1. The original amount of the contract was \$467,200.00. The current value of the contract including this change order and a previous change order is \$499,417.27.
- E. Motion to re-appoint Chester Engineers for a term of one year as the Retained Consultant of the Authority.
- F. Motion to award a contract to Michael Baker for construction management and resident inspection services for Contract 1660, "Flap Gate Replacement" and authorize the Executive Director to negotiate a fee. Contract will purchase and install flap gates on seven ALCOSAN diversion structures: A-45, O-35, M-53, T-27, C-06, C-07 and A-37.
- G. Motion to award a contract to the following four firms for On-Call Design and Support Services for Energy Recovery Facilities Capital Project S-442. These services will be contracted on an as needed basis:
1. GAI Consultants
 2. GHD, Inc.
 3. HDR, Inc.
 4. Loftus Engineers
- H. Motion to award the professional services for the ALCOSAN Regionalization Program Manager under Capital Project No. S446 to AECOM and authorize the Executive Director to negotiate a fee.
- I. Motion to authorize the Executive Director to enter into a Permanent and Temporary Easement and Easement Acquisition Agreement in a form approved by the Solicitor, with COMMERCIAL ST. PROPERTIES, LLC and authorize a payment of \$12,500 for permanent easement access, use of parking spaces, and owner administrative costs, for construction of Contract 1654: "Regulator Structure C-54 Improvements". This easement will allow ALCOSAN to install steps, raise the structure and construct a permanent rock outfall channel to Chartiers Creek.

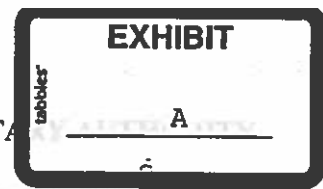
J. Motion to adopt Resolution 2017-2-1 authorizing the Executive Director to accept transfer of a \$250,000.00 Allegheny County Economic Development GEDF Grant currently held by the North Hills Council of Governments for the Ravine Street Project and act as the grantee.

IV. New Business

V. Adjournment

Change Order Exhibit

ALLEGHENY COUNTY SANITATION



Contractor: MASCO Construction, Inc.	Change Order Number: 1642G - 006
Contract Title: New Vehicle Maintenance Facility	Date Issued: 01/31/17

PCO 1642G-013 Magnetic Gate Lock

<p>Description of change: Provide and install Norton Series 7500 Door Closer and Securitron GL-1 Magnetic Lock on Bldg. No. 1 Rm 102 Storage Opening as per Field Directive FI-013G.</p> <p>Reason for Change: The item authorized by this change order provides for card reader access only to the parts room in the Maintenance Facility, Building No. 1.</p> <p>Economic Value of Change: N/A</p>	<p>Value of Change:</p> <p>Add: \$2,067.00</p>
<p>Reason for approval of change: Alcosan requested this change to provide for better security of materials in the parts room by requiring magnetic card access.</p>	

PCO 1642G-015 Mezzanine Stair Bulkhead

<p>Description of change:</p> <p>Install a drywall bulkhead in Room 114, Parts Storage, over door 114A. This will close an opening which was created near the top of the stairs leading to the mezzanine.</p> <p>Reason for Change: Alcosan requested this work to eliminate a potential safety issue resulting from the opening.</p> <p>Economic Value of Change: N/A</p>	<p>Value of Change:</p> <p>Add: \$1,323.00</p>
<p>Reason for approval of change:</p> <p>The contractor's cost proposal is consistent with the value of the work being performed.</p>	

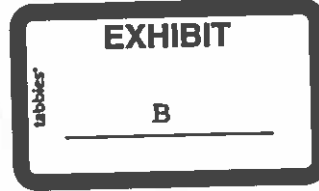
Total Add:	\$3,390.00
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Resident Construction Manager, Gannett Fleming

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM JANUARY 14, 2017 THROUGH FEBRUARY 13, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
ADS Environmental Services	152,500.00		Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 287, for the Period Ending December 2016. Invoice No. 35057-0117A.
AECOM			
Technical Services	407,528.64		Professional Services Re: Alcosan Regionalization Analysis and Implementation, Service Authorization No. 276, for the Period of December 17, 2016 to January 20, 2017. Invoice No. 27.
ALEM Consulting	21,317.38	7,412.70	Owner's Representative Services Provided for the Month of January 2017, Service Authorization No. 282. Invoice No. 18.
Arcadis	259,733.64		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period of December 19, 2016 to January 15, 2017. Invoice No. 0829279.
Babst, Calland, Clements Zomnir		33,798.24	Professional Services Re: Sheraden Park, Construction-General Matters, Operations and Maintenance, Wet Weather Plan Development, Finance & Administration and Environmental Compliance-General Matters for the Month of January 2017. Invoice Nos. 1225060-1225065.



ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM JANUARY 14, 2017 THROUGH FEBRUARY 13, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Blank River Services	512,908.30		Supply and Deliver Tow Boat, Contract No. 1629-A, Estimate No. 4.
Blank River Services	350,943.95		Supply and Deliver New Barge and Barge-Mounted Crane, Contract No. 1641-A, Estimate No. 3.
CDM Smith	335,162.56		Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of November 27 through December 31, 2016. Invoice No. 90008025/6.
Chester Engineers	20,388.47		Professional Services Re: Evaluation and Conceptual Design of Modifications to Regulating Structure M-29, Service Authorization No. 280-4, for the Month of December 2016. Invoice No. 58119.
Gannett Fleming	27,967.10		Professional Services Re: New Vehicle Maintenance Facility, Service Authorization No. 269A, for the Period Ending December 30, 2016. Invoice No. 058553.03*17.
Dollar Energy Fund		939,000.00	Alcosan Customer Assistance Program (CAP) Administered by Dollar Energy Fund, Inc., Invoice No. 4840 Dated December 15, 2016.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM JANUARY 14, 2017 THROUGH FEBRUARY 13, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Hach Company		23,742.69	Furnish and Deliver Two (2) Flow-Dar Sensors to Continue Monitoring the Hydraulic Conditions Throughout the Alcosan Collection System. Invoice No. 10258776 Dated January 4, 2017.
Joseph J. Joyce Associates, Inc.		20,921.00	Insurance for Inland Marine - Add Tug Boat & Crane Barge Terrorism Coverage - Policy No. OHL92010238 for the Period of January 16, 2017 to May 16, 2017. Invoice No. 1020455.
JMT, Inc.	38,031.70		Professional Services Re: Sewer Rehabilitation, Library Road and Verona Pump Station, Service Authorization No. 284, for the Period Ending December 31, 2016. Invoice No. 010-204320.
Kokosing Industrial	83,120.85		Demineralization System Upgrade-General, Contract No. 1657G, Estimate No. 2.
Kokosing Industrial	44,900.33		Demineralization System Upgrade-General, Contract No. 1657G, Estimate No. 3.
Link Computer		41,585.44	Renewable Maintenance Contract - CISCO Gear Support for the Period of January 28, 2017 to November 3, 2017. Invoice No. INV96698.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM JANUARY 14, 2017 THROUGH FEBRUARY 13, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Link Computer	105,448.00		Upgrade to Existing Data Storage Controllers. Invoice No. INV97191 Dated January 30, 2017.
Link Computer	189,000.00		Furnish and Deliver Additional Hard Drive Space Necessary to Support the Alcosan Customer Billing System. Invoice No. INV97246 Dated February 3, 2017.
Maher Duessel		40,000.00	Professional Services Rendered in Connection with Audit Services Provided for Allegheny County Sanitary Authority for the Year Ended December 31, 2016. Invoice No. 469570.
MARC USA		46,981.82	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of December 2016. Invoice No. 035815 Dated January 6, 2017.
Masco Construction	231,819.30		New Vehicle Maintenance Facility-General, Contract No. 16426, Estimate No. 16.
Polydyne, Inc.		29,971.00	Furnish and Deliver Polymers per Contract No. 1636. Invoice No. 1095563 Dated December 1, 2016.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM JANUARY 14, 2017 THROUGH FEBRUARY 13, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Pugliano Construction Co.	24,671.75		Sewer Improvements, Contract No. 1623, Estimate No. 13.
R. E. Yates Electric, Inc.	64,305.00		New Vehicle Maintenance Facility-Electrical, Contract No. 1642E, Estimate No. 10.
R. E. Yates Electric, Inc.	36,829.20		New Vehicle Maintenance Facility-Electrical, Contract No. 1642E, Estimate No. 11.
Redzone Robotics	369,897.48		CCTV Inspection, Regionalization Contract Two, Contract No. 1661, Estimate No. 3.
Robinson Pipe Cleaning Co.	99,867.18		CCTV Inspection of Municipal Trunk Line, Contract No. 1646, Estimate No. 6.
Scott Electric	24,725.00		Furnish and Deliver UPS for New Vehicle Maintenance Facility. Invoice No. 69982 Dated January 19, 2017.
Selective Insurance		105,443.00	Flood Insurance Renewal for the Policy Period of February 16, 2017 to February 16, 2018.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM JANUARY 14, 2017 THROUGH FEBRUARY 13, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Simakas Co., Inc.	80,727.30		Replacement of Incinerator Tube Bundles, Contract No. 1664, Estimate No. 1.
Simakas Co., Inc.	86,047.73		Replacement of Fluid Bed Incinerator #2 Manifold, Contract No. 1669, Estimate No. 1.
Synagro Central		102,647.16	Sludge Application Fee for the Month of December 2016. Invoice No. 20-128876 Dated December 31, 2016.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM JANUARY 14, 2017 THROUGH FEBRUARY 13, 2017

INVOICES FROM \$10,000 TO \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
3 Rivers Wet Weather	18,498.00		Professional Services Re: Support of Rain Gauge Network for the Months of October, November and December 2016. Invoice No. 00066 Dated January 12, 2017.
Chester Engineers	12,133.51		Professional Services Re: Design, Permitting and Bid Phase Services - Modifications to Diversion Chambers M-59 & A-17, Service Authorization No. 291-1, for the Month of August 2016. Invoice No. 56906.
Christy Minerals		12,338.20	Furnish and Deliver Incinerator Bed Sand as per Contract No. 1651. Invoice No. 138652 Dated December 14, 2016.
Christy Minerals		12,176.50	Furnish and Deliver Incinerator Bed Sand as per Contract No. 1651. Invoice No. 138653 Dated December 14, 2016.
DLT Solutions		18,025.07	Support Renewal - Core Technology, Oracle Database Enterprise, SCI #15791009 for the Period of January 30, 2017 to January 29, 2018. Invoice No. SI344877.
GAI Consultants		10,204.33	Professional Services Re: Fluidized Bed Incinerator Cadmium Emissions Stack Test, Service Authorization No. 274-2, for the Period Ending November 12, 2016. Invoice No. 2108032.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM JANUARY 14, 2017 THROUGH FEBRUARY 13, 2017

INVOICES FROM \$10,000 TO \$18,500.00

DESCRIPTION

OPERATING

CAPITAL

Hollaender Manufacturing Co.	15,837.09	Furnish and Deliver Handrails and Toeboards for the East Mixed Liquor Channel Area in the Secondary Treatment Facility as per the Plant Safety Upgrades Program. Invoice No. 78301 Dated February 6, 2017017.
URS Corp.	14,824.53	Professional Services Re: Main Pump Station Upgrades, Service Authorization No. 242, for the Period Ending January 6, 2017. Invoice No. 65.

UTILITY INVOICES EXCEEDING \$10,000 PAID DURING THE PERIOD OF JANUARY 14, 2017 THROUGH FEBRUARY 13, 2017

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Duquesne Light Co.		450,132.90	Electrical Service, 3300 Preble Avenue - November 23 to December 21, 2016. Account No. 8737850000.
Duquesne Light Co.		533,559.89	Electrical Service, 3300 Preble Avenue - December 21, 2016 to January 25, 2017. Account No. 8737850000.
Peoples Natural Gas		28,527.89	Gas Service Agreement, 3300 Preble Avenue for the Month of January 2017 - Meter No. 617077.
Pittsburgh Water and Sewer Authority		18,891.27	Water Service, Treatment Plant, 3285 Preble Avenue for the Month of December 2016. Account No. 5078222-1000581.
Pittsburgh Water and Sewer Authority		12,334.29	Water Service, Treatment Plant, 3285 Preble Avenue for the Month of December 2016. Account No. 5078226-1000653.
UGI Energy Services		39,109.14	Natural Gas Commodity Charges for the Month of January 2017. Meter No. 617077. Invoice No. 63412652.
TOTAL	3,629,133.99	2,526,802.53	

AUTHORIZATION OF CONTRACTS FOR ADVERTISEMENT

1. Contract No. 1673, "Evaporator Tube Bundle Replacement – Incinerator No. 2"

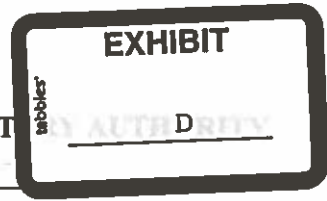
This contract is for the replacement of steel tubing in the evaporator portion of the heat exchange process in Incinerator No. 2.

2. Contract No. 1674, "Modifications to Diversion Chambers A-17 & M-59"

This contract is for improvements to the A-17 and M-59 diversion structures. M-59 will include the extension of the outfall pipe to facilitate a boat launch needed by emergency river responders. Also, both M-59 and A-17 will be fitted with stop logging capabilities and flap gate replacements.

Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY



Contractor: Guy's Mechanical Systems	Change Order Number: 1642P - 02
Contract Title: New Vehicle Maintenance Facility	Date Issued: 01/27/17

PCO #2 Additional Air Drops

Description of change: The 10,000 lb. 2-Post Rotary Lift, 15,000 lb. 2-Post Rotary Lift, 18,000 lb. 4-Post Rotary Lift, 18,000 lb. 4-Post Alignment Machine and the 60,000 lb. 4-Post Rotary Lift all need compressed air for their operation. The lubrication tanks that will be installed on the northern side of the masonry wall near Column Line C.5 also require compressed air. Tees and drops from the compressed air headers need to be installed to provide the required air lubrication oil tanks. The air drops for the lubrication tanks shall be terminated with ball valves, located approximately 8 feet AFF. Connection to the lifts will be done by others.	Value of Change: Add: \$1,697.00
Reason for Change: The air drops for the lifts and lubrication tanks were not included in the scope of work.	

Reason for approval of change: The CM has reviewed the contractor's proposal and feels the price is consistent with the additional scope of work to be performed. Economic Value of Change: N/A

PCO #3 Additional Sprinkler Heads

Description of change: Additional sprinkler heads need to be installed in the Canopy Area to meet Building Code requirements. The number of sprinkler heads required was increased from six (6) to twelve (12) due to differences between the structure as shown on the Contract Drawings and the structure constructed as per the Shop Drawings.	Value of Change: Add: \$2,028.00
Reason for Change: It has been determined during a meeting with the City Of Pittsburgh PLI inspector that the six (6) dry horizontal sprinkler heads protecting the two canopies located at the south end of Building 1 do not provide adequate protection per the Building Code. The system submitted by the contractor was designed based on six (6) ten foot wide bays as shown on Drawing 095-A-2.1. Economic Value of Change: N/A	
Reason for approval of change: CM Recommends the approval of this Change Order in order to comply with ACHD requirements. The CM has reviewed the contractor's proposal and feels the price is consistent with the additional scope of work to be performed.	

Total Add:	\$3,725.00
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Construction Manager, Gannett Fleming