

AGENDA
REGULAR MEETING OF THE BOARD OF THE
ALLEGHENY COUNTY SANITARY AUTHORITY
THURSDAY, April 27, 2017

- I. Roll Call
Pledge of Allegiance

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

 - B. Communications Report – Jeanne Clark

 - C. Report on 2017 Operating Costs and Revenues compared to the budget as per attached **Exhibit A** – Bill Inks.

 - 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. 5, under Contract 1601, “Main Pump Station Gate Valves Replacement,” to Kokosing Construction Co., Inc., a time extension of 1,330 calendar days to the contract completion period. With this change order, the final completion date was February 24, 2017. The original amount of the contract was \$936,800.00. The current value of the contract including this change order and previous change orders is \$945,516.23.

 2. No. 4, under Contract 1642E, “New Vehicle Maintenance Facility, Electrical,” to R.E. Yates Construction, in an amount of \$4,972.00, for two unrelated changes: a) to install an additional circuit and two disconnect switches for the Pressure Washer Station; and b) installing a mounting pole for the security devices at the entrance. The original amount of the contract was \$783,284.00. The current value of the contract including this change order and previous change orders is \$811,402.00.

 3. No. 5, under Contract 1642E, “New Vehicle Maintenance Facility, Electrical,” to R.E. Yates Construction, in an amount of \$8,394.00, for two unrelated changes: a) to install an additional card reader at the pedestrian entrance; and b) to make modifications to the electrical panels for access control, fire alarm and video camera functions at the entrance gates. The original amount of the contract was \$783,284.00. The current value of the contract including this change order and previous change orders is \$819,796.00.

III. Action Items

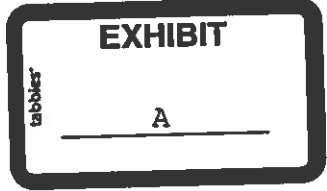
- A. Approval of the minutes of the Regular Board Meeting of March 23, 2017.
- B. Consider authorizing payment of invoices in excess of \$18,500.00 processed during the period, March 11, 2017 through, April 10, 2017; ratify the action of the Executive Director in paying utility bills processed during the period and review invoices between \$10,000.00 and \$18,500.00 processed during the same period as per attached **Exhibit C.**
- C. Motion to approve the following contract:
 1. Contract No. 1660, "Flap Gate Improvements at Various Locations," to Frank J. Zottola Construction, Inc., at the price of \$1,398,000.00. Bids received are indicated on **Exhibit D.**
 2. Contract No. 1671, "Biosolids Management Services," to Burch Hydro at the prices listed on **Exhibit E.**
- 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 F**
 1. No. 3, under Contract 1642P, "New Vehicle Maintenance Facility, Plumbing," to Guy's Mechanical Systems, in an amount of \$1,979.42, for two changes: a) to install a one inch compressed air line to serve the Alignment Lift and add an air hose reel for the Tire Rotating Machine and the Sand Blast Unit; and b) to install a water service line to the Pressure Washer in the Prep Bay. The original amount of the contract was \$467,200.00. The current value of the contract including this change order and previous change orders is \$501,396.69.
- E. Motion to approve the following Service Authorizations for Professional Consultants. Assignment is based on consultants' past efforts, knowledge, and understanding of the task involved and the availability of the consultants' staff to perform the tasks in the time required:
 1. For GHD, under the agreement for Engineering Consultant ERF On-Call Services, for an amount not to exceed \$11,462.00, to provide inspection and analysis services to evaluate the design and condition of the existing manifold materials in the Fluid Bed Incinerator No. 2.
 2. For 3RWW, to exercise the Option Year under Service Authorization No. 303 in an amount not to exceed \$950,000. The Contract provides support of the Wet Weather Program planning goals in conjunction with meeting municipal customer needs.

F. Motion to modify the Green Revitalization of Our Waterways (GROW) Program by amending the GROW Program Guidelines in a form approved by the Solicitor.

G. Motion to accept proposals as recommended by the Authority's Risk Manager to provide insurance coverage to ALCOSAN for the period May 16, 2017, through May 16, 2018 at a total premium of \$1,570,676.00 as per attached **Exhibit G.**

IV. New Business

V. Adjournment

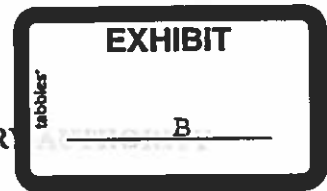


	CURRENT EXPENSES			PERCENT OF ANNUAL BUDGET USED TO DATE
	ANNUAL APPROPRIATION	JANUARY 1, 2017 THRU MARCH 31, 2017	APPROPRIATIONS EXPENDITURES BALANCE	
INTERCEPTOR MAINTENANCE	\$9,100,700	\$2,275,175	\$1,003,563	\$1,271,612 11.0%
PLANT OPERATIONS	22,495,400	5,623,850	5,146,596	477,254 22.9%
ENVIRONMENTAL COMPLIANCE	4,522,800	1,130,700	849,613	281,087 18.8%
CUSTOMER SERVICE & BILLING	3,404,800	851,200	2,200,588	-1,349,388 64.6%
MANAGEMENT INFORMATION SERVICE	2,797,600	699,400	671,320	28,080 24.0%
PLANT MAINTENANCE	9,064,400	2,266,100	1,924,657	341,443 21.2%
ADMINISTRATION AND ENGINEERING	14,161,100	3,540,275	1,908,741	1,631,534 13.5%
PROFESSIONAL	926,000	231,500	183,429	48,071 19.8%
EMPLOYEE BENEFITS	21,513,200	5,378,300	4,494,428	883,872 20.9%
TOTAL ALL DEPARTMENTS	\$87,986,000	\$21,996,500	\$18,382,935	\$3,613,565 20.9%
DEBT SERVICE (AMORTIZED)	\$52,240,294	\$13,060,074	\$13,060,074	\$0 22.4%
	\$140,226,294	\$35,056,574	\$31,443,009	\$3,613,565 22.4%

	CURRENT REVENUES			PERCENT OF ANNUAL PROJECTION RECEIVED TO DATE
	ANNUAL PROJECTION	JANUARY 1, 2017 THRU MARCH 31, 2017	PROJECTIONS ACTUAL EXCESS	
CURRENT REVENUES	\$162,930,100	\$38,472,606	\$38,862,071	\$389,466 23.9%
				PERCENT OF YEAR EXPIRED 25.0%

Change Order Exhibit

ALLEGHENY COUNTY SANITARY



Contractor:	Kokosing Construction Co.	Change Order Number:	CO1601-005
Contract Title:	Main Pump Station Gate Valve Replacement	Date Issued:	2/24/17
		Proposed Change Order No.:	n/a

Description of work: One thousand three hundred thirty (1330) calendar day time extension, revising the contract final completion date to February 24, 2017.

Reason (Why the work was not included in the basic contract): Kokosing Construction Co. (1494G) was solely responsible for critical manufacturer/supplier equipment delays which were unforeseeable at the time of contracting. These delays to the Station Upgrades Project extended the time required to complete the Gate Valve Replacement Project (1601).

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

Reason recommended for Board Approval: Constitutes full and final settlement of all Project 1601 time related claims.

Total Add:	\$0.00
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William Weyers
AECOM - Construction Manager

Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contractor: R.E. Yates Construction	Change Order Number: 1642E - 004
Contract Title: New Vehicle Maintenance Facility	Date Issued: 04-06-17

PCO 1642E-009 Disconnects For Pressure Washer

<p>Description of Change: Electrical Drawing 095E-2-7 has provisions for one (1) circuit from Panel SP2 to the Pressure Washer Station but no disconnect. The pressure washer specified and supplied is a dual pump model and requires a separate circuit for each pump and a separate disconnect for each circuit. This change is for the additional circuit w/breaker, and two (2) disconnects not provided for on the contract drawings. The additional circuit is to come from Panel SP2 in the Mechanical Room.</p> <p>Reason for Change: The pressure washer specified and supplied requires two (2) disconnect and separate circuits for each disconnect. The disconnects and the additional circuits were not shown on the Contract Drawings.</p> <p>Economic Value of Change: N/A</p> <p>Reason for approval of change: The CM evaluated the contractor's proposal and developed an Engineers Estimate for the work. The CM finds that the contractors proposed cost is consistent with the work to be performed.</p>	<p>Value of Change:</p> <p>Add: \$4,012.00</p>
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PCO 1642E-010 Pole For Security Devices At The Entrance Gate

<p>Description of Change: Provide and install a pole for mounting the Access Control Devices at the Entrance Gate. The pole is to be a RAB Lighting, PS-11-10D2. The work includes anchoring the pole to the concrete with epoxy anchor bolts.</p> <p>Reason for Change: A detail of the pole needed for mounting the security devices at the entrance was shown on the Electrical Drawings, but no direction regarding ownership was included. Also, there is no reference in the Specifications for the pole. After discussions between the CM and ALCOSAN the electrical contractor was requested to provide the pole similar to the ones that exist on ALCOSAN property.</p> <p>Economic Value of Change: N/A</p> <p>Reason for approval of change: The CM evaluated the contractor's proposal and developed an Engineers Estimate for the work. The CM finds that the contractors proposed cost is consistent with the work to be performed.</p>	<p>Value of Change:</p> <p>Add: \$ 960.00</p>
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Total Add:	\$4,972.00
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Paul C Fleming

Resident Construction Manager, Gannett Fleming

Change Order Exhibit

ALLEGHENY COUNTY SANITARY AUTHORITY

Contractor: R.E. Yates Construction	Change Order Number: 1642E - 05
Contract Title: New Vehicle Maintenance Facility	Date Issued: 04/06/17

PCO-5 Card Reader At Pedestrian Gate

<p>Description of Change : Drawing 095-E-1.1 shows a card reader mounted on the facility side of the fence at the pedestrian sidewalk. This card reader accommodates exiting the facility only. An additional card reader needs to be installed on the Preble Avenue side of the fence for ingress to the facility.</p> <p>Reason for Change: There is no provision in the Contract Drawings for providing a card reader for pedestrian entry. Field Instruction FI-05E was issued directing the contractor to provide and install the additional card reader.</p> <p>Economic Value of Change: N/A</p>	<p>Value of Change: Add: \$ 3,791.00</p>
<p>Reason for approval of change: The CM evaluated the contractor's proposal and developed an Engineers Estimate for the work. The CM finds that the contractors proposed cost is consistent with the work to be performed.</p>	

PCO-8 Additional Panel and Circuits For Data Room 106

<p>Description of Change: This change consists of modifications to Panel UP1 and the addition of Panel UPS-1. A 40 Amp 3-pole breaker is to be installed in Panel SDP, a 40Amp feed is to be run from Panel SDP to the ALCOSAN provided Panel UPS, and new Panel UPS-1 will be provided with circuits (Access Control, Fire Alarm, and Camera/Video) originally shown to be in Panel UP1.</p> <p>Reason for Change: RFI 1642E-010 was issued requesting information regarding power requirements to the entrance gates. The RFI response included revised panel schedules and circuit requirements. This change implements the modifications in the RFI response.</p> <p>Economic Value of Change: N/A</p>	<p>Value of Change: Add: \$ 4,603.00</p>
<p>Reason for approval of change: The CM evaluated the contractor's proposal and developed an Engineers Estimate for the work. The CM finds that the contractors proposed cost is consistent with the work to be performed.</p>	

Total Add:	\$8,394.00
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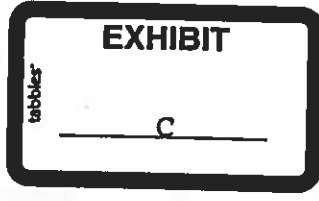


Construction Manager, Gannett Fleming

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM MARCH 11, 2017 THROUGH APRIL 10, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
ADS Environmental Services	112,850.00		Professional Services Re: Municipal Source Control Program, Flow Monitoring and Flow Isolation Study, Service Authorization No. 287, for the Month of February 2017. Invoice No. 35057-0317.
AECOM			
Technical Services	513,905.26		Professional Services Re: Alcosan Regionalization Analysis and Implementation, Service Authorization No. 276, for the Period of February 18 to March 24, 2017. Invoice No. 29.
ALEM Consulting	15,575.00	6,698.57	Owner's Representative Services Provided for the Month of March 2017, Service Authorization No. 282. Invoice No. 20.
Arcadis	413,757.54		Professional Services Re: Wet Weather Plant Expansion, Service Authorization No. 295, for the Period of February 13 to March 26, 2017. Invoice No. 0840022.
Babst, Calland, Clements Zomnir		32,544.56	Professional Services Re: Sheraden Park, Operations and Maintenance, Wet Weather Plan Development, Finance & Administration, Green Revitalization of Our Waterways "GROW" and Environmental Compliance-General Matters for the Month of March 2017. Invoice Nos. 1228185-1228190.



ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM MARCH 11, 2017 THROUGH APRIL 10, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
CDM Smith	327,463.92		Professional Services Re: Wet Weather Program Management and Engineering Support Services, Service Authorization No. 289, for the Period of January 22 through February 18, 2017. Invoice No. 90011595/8.
Emerson Process Management	74,968.00		Upgrades to DCS Hardware & Software for the ERF Building. Invoice No. 9064415 Dated March 16, 2017.
Frankl Electric	22,041.00		Replacement of the Level Sensing Systems at the Five Sewage Pump Stations, Contract No. 1645, Estimate No. 2.
GAI Consultants	22,795.00		Professional Services Re: Demineralization Package, Service Authorization No. 274-3, for the Period Ending December 24, 2016. Invoice No. 2109077 Dated January 10, 2017.
Gannett Fleming	29,324.49		Professional Services Re: New Vehicle Maintenance Facility, Service Authorization No. 269A, for the Period Ending March 3, 2017. Invoice No. 058553.03*19.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM MARCH 11, 2017 THROUGH APRIL 10, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Hertrich Fleet Services	21,806.00		Furnish and Deliver One (1) 2017 Chevrolet Equinox for Municipal Outreach as per PA State Contract #44000016018. Invoice No. 26699 Dated March 28, 2017.
Kokosing Industrial	336,292.88		Deminerlization System Upgrade-General, Contract No. 16576, Estimate No. 5.
Link Computer		29,450.00	Three-Year Maintenance Agreement for the Customer Services & Billing Data Storage System. Invoice No. INV97196 Dated January 30, 2017.
Link Computer	18,830.00		Network Equipment for the New Vehicle Maintenance Facility. Invoice No. INV98062 Dated March 9, 2017.
LionHeart Event Group		35,000.00	2017 Sponsorship for the EQT Pittsburgh Three Rivers Regatta. Invoice No. REG17-ALCOSAN Dated March 30, 2017.
MARC USA		70,075.25	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of February 2017. Invoice No. 036947 Dated March 7, 2017.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM MARCH 11, 2017 THROUGH APRIL 10, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
MARC USA		96,124.94	Professional Services Re: Alcosan Task 1 Research & Planning, Service Authorization No. 264, for the Month of March 2017. Invoice No. 037815 Dated April 5, 2017.
Masco Construction	70,534.65		New Vehicle Maintenance Facility-General, Contract No. 1642G, Estimate No. 18.
Polydyne, Inc.		29,957.06	Furnish and Deliver Polymers per Contract No. 1636. Invoice No. 1123869 Dated March 21, 2017.
Polydyne, Inc.		29,971.00	Furnish and Deliver Polymers per Contract No. 1636. Invoice No. 1128161 Dated April 6, 2017.
R. E. Yates Electric, Inc.	53,927.70		New Vehicle Maintenance Facility-Electrical, Contract No. 1642E, Estimate No. 12.
Redzone Robotics	62,965.31		CCTV Inspection, Regionalization Contract Two, Contract No. 1661, Estimate No. 5.
Robinson Pipe Cleaning Co.	78,457.46		CCTV Inspection of Municipal Trunk Line, Contract No. 1646, Estimate No. 8.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM MARCH 11, 2017 THROUGH APRIL 10, 2017

INVOICES OVER \$18,500.00

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Siemens Industry	32,780.00		Furnish and Install Main Pump Station Drive Blowers. Invoice No. 5601493987 Dated March 6, 2017.
Simakas Co., Inc.	27,216.00		Replacement of Incinerator Tube Bundles, Contract No. 1664, Estimate No. 3.
Simakas Co., Inc.	76,421.70		Replacement of Fluid Bed Incinerator #2 Manifold, Contract No. 1669, Estimate No. 3.
Synagro Central		120,682.76	Sludge Application Fee for the Month of February 2017. Invoice No. 20-129133 Dated February 28, 2017.
Transedge	300,903.88		Purchase of Two (2) Mack Tri-Axle Dump Trucks in Accordance with Costars Contract #025-033, Delivered on March 23, 2017.
Wellington Power	167,815.41		Main Pump Station Upgrade - Electrical, Contract No. 1494E, Estimate No. 27.

ALCOBAN PAYABLES EXCEEDING \$10,000.00 FROM MARCH 11, 2017 THROUGH APRIL 10, 2017

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

	<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
Chester Engineers	11,952.40		Professional Services Re: Design of Modifications to Regulating Structure M-29, Service Authorization No. 280-4 for the Period of January 1 to February 28, 2017. Invoice No. 58629.
FLIR Detection, Inc.	11,995.00		Furnish and Deliver Radiation Monitoring Device. Invoice No. 9299482366 Dated March 6, 2017.
GAI Consultants	11,856.25		Professional Services Re: Demineralization Package, Service Authorization No. 274-3, for the Period Ending February 11, 2017. Invoice No. 2110780.
MARC USA		15,204.75	Professional Services Re: Alcosan Task CRM Design & Development, Service Authorization No. 264, for the Month of March 2017. Invoice No. 037816 Dated April 5, 2017.
Team Industrial Services, Inc.		12,620.00	Leak Repair Services Performed at the ERF Building. Invoice No. 1400-N-000312 Dated March 16, 2017.
Wellington Power	14,031.29		Main Pump Station Upgrade - Electrical, Contract No. 1494E, Estimate No. 28.

ALCOSAN PAYABLES EXCEEDING \$10,000.00 FROM MARCH 11, 2017 THROUGH APRIL 10, 2017

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

DESCRIPTION

OPERATING

CAPITAL

Whitmoyer
Auto Group

17,469.21

Furnish and Deliver One (1) 2017 Ford Fusion for Engineering as per PA
State Contract #4400015932. Invoice No. 26034 Dated March 29, 2017.

UTILITY INVOICES EXCEEDING \$10,000 PAID DURING THE PERIOD OF MARCH 11, 2017 THROUGH APRIL 10, 2017

<u>CAPITAL</u>	<u>OPERATING</u>	<u>DESCRIPTION</u>
	467,259.50	Electrical Service, 3300 Preble Avenue - February 22 to March 25, 2017. Account No. 8737850000.
	24,915.99	Gas Service Agreement, 3300 Preble Avenue for the Month of February 2017 - Meter No. 617077.
	24,717.70	Gas Service Agreement, 3300 Preble Avenue for the Month of March 2017 - Meter No. 617077.
	21,487.67	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of February 2017. Account No. 5078223-1003133.
	41,777.62	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of February 2017. Account No. 5078224-1000652.
	28,912.82	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of February 2017. Account No. 5078225-1000651.
	38,834.42	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of March 2017. Account No. 5078224-1000652.
	24,669.62	Water Service, Treatment Plant, 3300 Preble Avenue for the Month of March 2017. Account No. 5078225-1000651.

UTILITY INVOICES EXCEEDING \$10,000 PAID DURING THE PERIOD OF MARCH 11, 2017 THROUGH APRIL 10, 2017

CAPITAL OPERATING DESCRIPTION

UGI Energy Services 44,357.87 Natural Gas Commodity Charges for the Month of February 2017. Meter
No. 617077. Invoice No. 63443384.

TOTAL 2,847,935.35 1,195,262.10

TABULATION OF BIDS**CONTRACT NO. 1660****FLAP GATE IMPROVEMENTS AT VARIOUS LOCATIONS****BID-OPENING, THURSDAY, MARCH 23, 2017 @ 11:00 A.M.**

<u>COMPANY NAME</u>	<u>TOTAL BASE BID</u>
INDEPENDENT ENTERPRISES, INC.	\$1,545,000.00
W.G. TOMKO & SON, INC.	\$1,834,900.00
FRANK J. ZOTTOLA CONSTRUCTION, INC.	\$1,398,000.00

WITNESS: _____

WITNESS: _____

TABULATIONS OF BID

CONTRACT NO. 1671
BIOSOLIDS MANAGEMENT SERVICES
PRE-BID MONDAY, MARCH 20, 2017
BID OPENING, WEDNESDAY, APRIL 12, 2017 @ 2:00 P.M.

<u>COMPANY NAME</u>	<u>ITEM NO. 1. A PRICE IN FIGURES</u>	<u>ITEM NO. 1. B PRICE IN FIGURES</u>
BURCH HYDRO	\$ <u>29.15</u>	\$ <u>58.25</u>
DENALI WATER SOLUTIONS	\$ <u>48.67</u>	\$ <u>70.59</u>
QUASAR ENERGY GROUP	\$ <u>49.54</u>	\$ <u>61.12</u>
SYNAGRO	\$ <u>38.52</u>	\$ <u>54.86</u>

WITNESSED: _____

Angel Allen

WITNESSED: _____

Araceli Sisko

Change Order Exhibit

ALLEGHENY COUNTY SANITATION



Contractor: Guy's Mechanical Systems	Change Order Number: 1642P - 03
Contract Title: New Vehicle Maintenance Facility	Date Issued: 04/07/17

PCO # 4 Air Lines For Alignment Machine/Additional Hose Reel

Description of change: Install a 1-inch galvanized compressed air line to serve the Alignment Lift, and add an air hose reel for the Tire Changing Machine and the Sand Blast Unit. This change includes all material, including pipe, fittings and accessories, labor, and equipment needed to perform the work.	Value of Change: Add: \$1,521.00
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Reason for Change: During the design phase it was not noted that the alignment lift would need compressed air. When the lift was procured it was discovered that an air drop would be necessary.

Economic Value of Change: N/A

Reason for approval of change: This work was performed on a Time and Material basis. The CM monitored the work and confirmed quantities of labor, material, and equipment. The CM developed a cost estimate to further evaluate the contractor's proposal request.

The CM has reviewed the contractor's proposal and after minor revision feels that the price is consistent with the additional scope of work performed.

PCO #6 Piping For Pressure Washer

Description of change: Reason for Change: This change is for the installation of a water service line to the Pressure Washer located in the Prep Bay. The work includes all equipment, material, and labor for installing a 1-inch drop from the domestic water line that was installed in the Prep Bay along the masonry wall at Column B.5. The work was performed Time and Material and observed by the CM.	Value of Change: Add: \$458.42
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Reason for Change: Drawing 095-A-13.1 shows a Vehicle Wash Station (pressure washer) to be located in the Maintenance Prep Bay Room 103. However, there are no provisions on the Plumbing drawings for supplying water to the unit.

Economic Value of Change: N/A

Reason for approval of change: The work was performed on a Time and Material basis monitored by the CM. The CM confirmed that the time and material listed in the contractor's proposal are the correct quantities and recommends approval of the Change Order.

Total Add:	\$1,979.42
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Paul C. Fleming
Construction Manager, Gannett Fleming

ALCOSAN
 May 16th 2017 to May 16th 2018
 Property and Casualty Insurance Program
 As of 4/18/17

Broker	Carrier	Line of Coverage	Expiring Premium (16-17)	Renewal Premium (17-18)	Change
Willis	AIG	Property	364,629	373,898(1)	+9,269 +2.5%
Willis	AIG	Boiler	Inc. in property	Inc. in property	
Willis	AIG	Inland Marine	Inc. in property	Inc. in property	
Willis	AIG	Excess Flood	Inc. in property	Inc. in property	
Joyce Insurance Group	Fireman's Fund	Hull and P&I	61,120	61,120(2)	Flat
Seibert & Associates	Travelers	Crime	3,388	3,388	Flat
Seibert & Associates	Travelers	General Liability	108,958	108,974	+16 +<1%
Seibert & Associates	Travelers	Automobile	65,347	70,638(3)	+5,291 +8.1%
Seibert & Associates	Travelers	Umbrella	38,221	38,420(4)	+199 +<1%
Seibert & Associates	Travelers	Public Officials	Limit = 15,000,000	Limit = 15,000,000	
Seibert & Associates	Travelers	Public Officials	50,108	53,302(5)	+3,194 +6.4%
Seibert & Associates	Travelers	Security Professional	Limit = 16,000,000	Limit = 16,000,000	
Seibert & Associates	Travelers	Fiduciary Liability	Included in General Liability	Included in General Liability	
Seibert & Associates	Travelers	Fiduciary Liability	8,460	8,460	Flat
Seibert & Associates	HARIE	Workers Compensation	Limit = 1,000,000	Limit = 1,000,000	
Seibert & Associates	HARIE	Workers Compensation	681,580	784,094(6)	+102,514 +15%
Rogers Insurance Group	Landmark American Ins. Co	Engineers Professional (E&O)	21,669	18,362(7)	(3,307) -15.3%
Rogers Insurance Group	Zurich	Pollution	Limit = 1,000,000	Limit = 1,000,000	
Rogers Insurance Group	Zurich	Pollution	52,225	50,020(8)	(2,205) -4.2%
			Limit = 5,000,000	Limit = 5,000,000	
Total			\$1,455,705	\$1,570,676	+114,971 +7.9%

Notes:

- Total insured values based on 10/5/16 industrial appraisal increased from 704,354,356 to 739,792,356 for an increase of 35,438,000 or +5%. Increased values include the addition of the new maintenance building for 29.8M.
- Premium anticipated to decrease during 17-18 policy term due to removal of older units being replaced (specifically, M/V ALCOSAN tug, Barge ACSA#1, and Deck Barge & Crane)
- Number of units increased by 5 for the renewal (113 vs. 108 expiring)
- Umbrella limit of 15,000,000 is excess cover over general liability, automobile, and public officials.
- Public Officials occurrence limit increased from 11,000,000 to 16,000,000 in 2015
- Total payroll increased by \$2,411,519 or +8.4% from expiring to renewal (28,542,960 to 30,954,479). PA experience modification increased 7.2% from expiring to renewal (1.16 to 1.23). Overall premium increase = 15%
- Based on incumbent carrier (Landmark American) renewal pricing indication, the program will be replaced by Lloyd's of London effective 5/16/16.
- 5/16/17 marks the end of the 3 year pollution program with Zurich (5/16/14 to 5/16/17) – the premiums shown for both expiring and renewal are for all 3 years – Zurich's renewal program will expire 5/16/2020. Program renewal marketing discussions with 8 competing markets reveals Zurich's terms, conditions, limits, and pricing are most favorable.

