



Board of Directors Meeting

View online at: <https://youtu.be/mNksD2XOs3U>

January 26, 2023

9:30 a.m.

Agenda

Board Members

Hon. Frederic N. Smalkin <i>Chair</i>	Call to Order	Frederic Smalkin
Robert L. Witt II <i>Secretary</i>	Inspire Awards	Ellen Frketic
Hon. Robert R. Neall <i>Treasurer</i>	Approval of Minutes – December 15, 2022	Frederic Smalkin
Dereck E. Davis <i>State Treasurer</i>	Executive Director’s Report	Charles Glass
Shelley L. Heller <i>Chair, Audit Committee</i>	BEST FY23 update	Ellen Frketic
Marian C. Hwang, Esq. <i>Chair, HR Committee</i>	Agency Activity Report	Managing Directors
Hiram L. Tanner Jr., P.E.	Financial Update	Hament Patel
Charles C. Glass Ph.D., P.E. <i>Executive Director</i>	Human Resources Report	Steven Barzal
	Human Resource Committee report	Marian Hwang
	• Electrician & Mechanic Career Ladder	
	Procurement	Hattie Crosby
	• Procurement Items (attached)	
	• Item 1: Pt. Lookout SP water & sewer improvements – Stormwater Management Solutions LLC	
	• Item 2: Brown Station Landfill Area C infill – SCS Engineers, Inc.	
	• Item 3: FY23 Agricultural Scrap Tire Collections Event	
	• Item 4: Sandy Point S.P. water system upgrade – Watek Engineering	
	• Item 5: Hawkins Point & Dundalk Marine Terminal equipment rentals – ACV Environmental Services, Inc.	
	• Item 6: TSA III Task 25, innovate reuse and beneficial use program – Anchor QEA	
	• Item 7: Back River WWTP, sandblast & re-coat bridge on PST2 – GMH Associates of America, Inc.	
	• Item 8: Prince George’s Co. MRF, baling wire – South Atlantic Marine Services, Inc.	
	• Item 9: W.R. Grace Landfill, excavator and bulldozer – JESCO	
	• Notifications	

Group Updates

Managing Directors

Legal Report

Sean Coleman

New/Old Business

Frederic Smalkin

Adjournment

Frederic Smalkin

Mechanic and Electrician Classification

Career Path Restructure

January 2023

A restructure of the Maryland Environmental Service Mechanic and Electrician classifications is necessary to establish an enhanced career path that includes education, training, certification, and clear growth opportunities for new and existing staff.

The need to restructure the Mechanic and Electrician classifications

- Establish a solid career path for mechanics and electricians with an emphasis on training for professional and career growth
- Difficulty recruiting and retaining entry level or junior mechanics and electricians; most are leaving for higher pay outside of MES or better advancement opportunities
- Some current classifications have varied qualifications for similar positions and inconsistencies for upward advancement through those different positions
 - Current Mechanic Classifications = 18
 - Proposed Mechanic Classifications = 10
 - Current Electrician Classifications = 10
 - Proposed Electrician Classifications = 7 (including 2 new classifications)

Summary of proposed changes to the Mechanic classification series

The proposed mechanic classification series includes both technical and supervisory tracks with overlap to provide career advancement through either track. Grade advancement requirements include additional years of experience or education, as well as approved training or certification.

- Combine similar mechanic position classifications (with similar grades) into one series that progresses in grade increases with experience and additional education or certifications
 - Mechanic Trainee – Grade 2
 - Mechanic – Grade 4
 - Senior Mechanic – Grade 5
 - Lead Mechanic – Grade 6
 - Senior Lead Mechanic – Grade 7
- Combine similar supervisory mechanic position classifications (with similar grades) into a similar series that progresses in grade increases with experience and education and includes supervisory or management requirements
 - Maintenance Supervisor – Grade 6
 - Senior Maintenance Supervisor – Grade 7

- Lead Maintenance Supervisor – Grade 8
- Manager, Mechanical Projects – Grade 8
- Senior Lead Maintenance Supervisor – Grade 9

Summary of proposed changes to the Electrician classification series

The proposed electrician classification series requires additional years of experience or education, as well as approved training or certification for grade advancement. The proposed changes also include a new Electrician Apprentice position (Grade 3) for those who have more experience than an Electrician Trainee (Grade 2) but do not yet meet the experience requirement for an Electrician (Grade 4). Additionally, a new Grade 10 Master Electrician classification has been added for those that obtain their Master Electrician license.

- Electrician Trainee – Grade 2
- NEW Electrician Apprentice – Grade 3
- Electrician I – Grade 4
- Senior Electrician (II) – Grade 5
- Lead Electrician (III) – Grade 6
- Senior Lead Electrician (IV) – Grade 8
- Master Electrician (V) – Grade 10

Approval after Solicitation
PROCUREMENTS, CONTRACTS, PURCHASE ORDERS,
AMENDMENTS AND CHANGE ORDERS
FOR
BOARD OF DIRECTOR'S APPROVAL

January 26, 2022

Item: 1

Type: Construction over \$2000,000

Group & Division: Water/Wastewater Engineering Division

MES Contract Number: 1-23-2-15-5

Project Name: Point Lookout State Park Water and Sewer Infrastructure Improvement Project

Title/Description: Rehabilitation of the Water Distribution and Collection system at the park

Procurement Method: Competitive Sealed Bid

Bids/Proposals:

Stormwater Management Solutions	\$8,999,999
Schummer Inc.	\$14,653,055

Awarded To: Stormwater Management Solutions, LLC

Amount: \$8,999,999

Term: 730 Calendar Days

Client/Fund Source: Natural Resources Development Fund of FY 22 POS/Item 004
FY 2020 POS/Item 004 (PCA 12213 - \$6,756,000)
Natural Resources Development Fund of FY 21 POS/Item 004
FY 2020 POS/Item 004 (PCA 12107 - \$1,931,999)
Natural Resources Development Fund of FY 23 POS/Item 004
FY 2020 POS/Item 004 (PCA 12233 - \$312,000)

MBE Goal: 19%

Remarks: The proposed project shall consist of the replacement and/or rehabilitation of the water and sanitary sewer system piping network within the park. In addition to these improvements, this project will include the upgrading of the accompanying wastewater pump stations. The upgrades are needed to eliminate problems associated with water main breaks, flooding of pump stations during storm events and aging electrical components.

Change Order approval
PROCUREMENTS, CONTRACTS, PURCHASE ORDERS,
AMENDMENTS AND CHANGE ORDERS
FOR
BOARD OF DIRECTOR'S APPROVAL

January 16, 2023

Item: 2

Type: Construction over \$200,000

Group & Division: Environmental Operations

MES Contract Number: 1-22-4-31-2

Project Name: Prince George's County, Brown Station Road Sanitary Landfill - Area C Infill

Title/Description: Additional Design-Build services for North Leg Pump Station and Relocated Lot 5/5A.

Original Procurement Method: Client-Directed Sole Source

Contractor: Stearns, Conrad and Schmidt Consulting Engineers, Inc. (aka: SCS Engineers)

Original Term: 1/10/2022 through 7/30/2026

Modified Term: N/A

Original Amount: \$20,350,825 (BOD Item 5, April 26, 2021)

Modifications to Date: N/A

Amount of this Change Order: \$3,013,257

Revised Total Contract Amount: \$23,364,082

Client/Fund Source: Prince George's County DOE RRD, IGA No. 2-21-4-53

MBE Participation: Goal: 20%; Achieved: 23.9 %

Remarks: This change order reflects client-directed increased scopes of work for the Area C infill Leachate Collection System Upgrade and Lot Relocation tasks. These changes were requested by the County during design reviews and progress meetings for the original scoped work. MES created Scopes of Work to encapsulate the requested changes and SCS provided proposals that were accepted

by the County on 11/30. The pictures below are draft designs for the final work products including the newly scoped items.

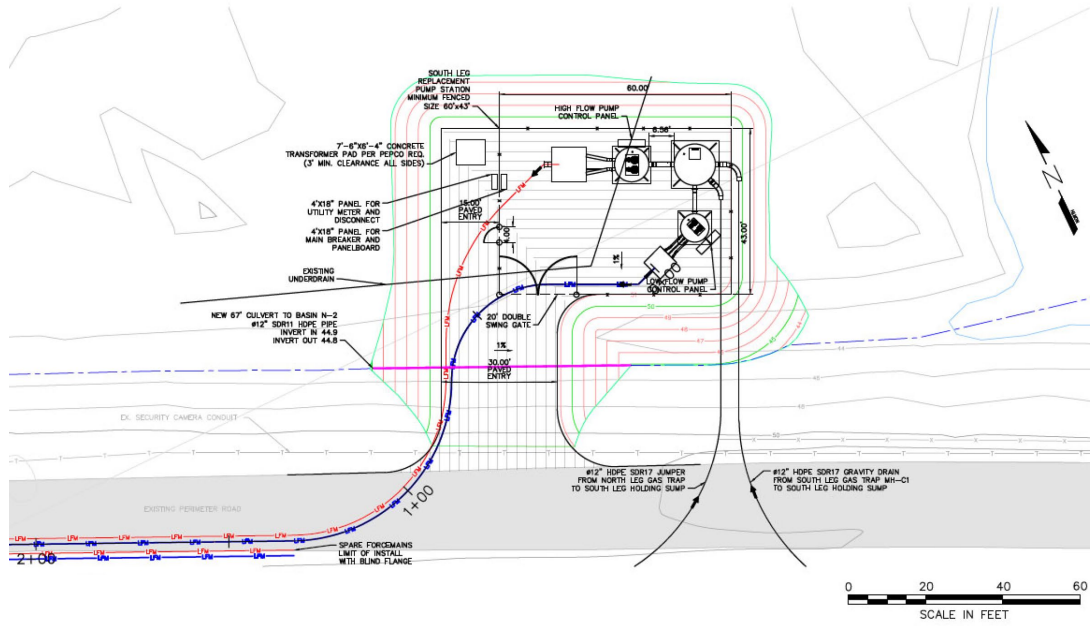


EXHIBIT 1. SOUTH LEG PUMP STATION LAYOUT

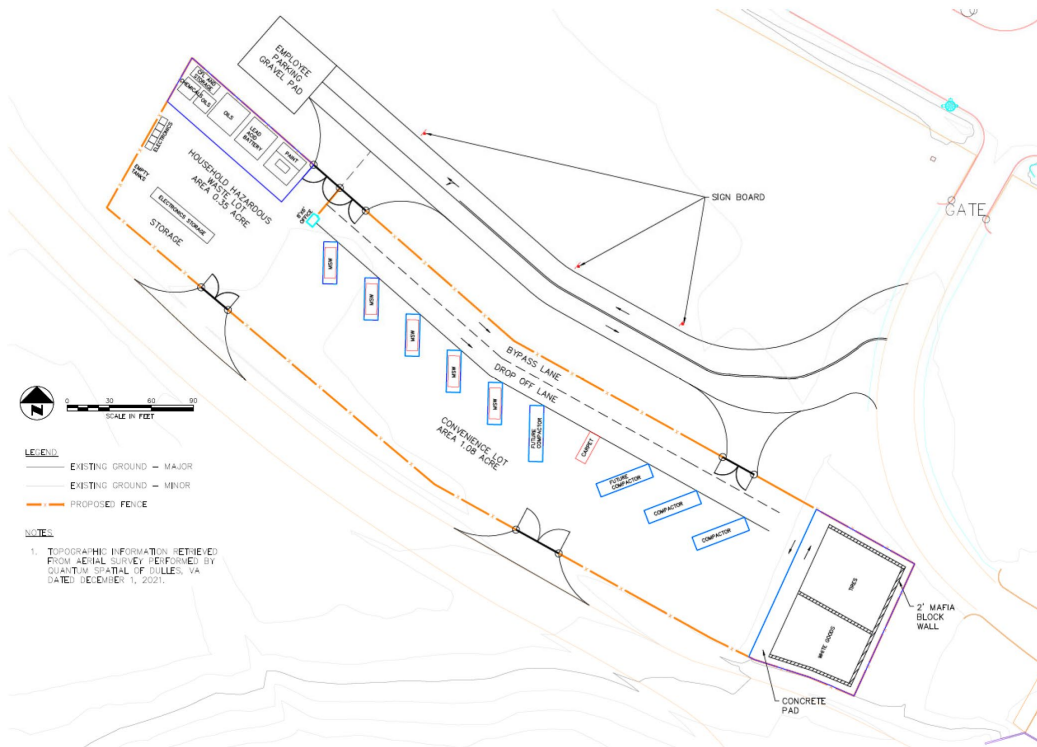


EXHIBIT 1. RELOCATED LOT LAYOUT

Pre-Solicitation Approval
PROCUREMENTS, CONTRACTS, PURCHASE ORDERS,
AMENDMENTS AND CHANGE ORDERS
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January 26, 2023

Item: 3

Type: Services over \$200,000

Group & Division: Environmental Operations Group, Solid Waste Engineering

MES Procurement #: 1-23-4-45-5

Project Name: FY 2023 Agricultural Scrap Tire Collection Event

Title/Description: Scrap Tire Hauling and Disposal Services

Procurement Method: Competitive Sealed Bid

Advertising Date: TBD

Estimate: \$1,040,000

Client/Fund Source: MDE PO #U00P3600389

MBE Goal: 29%

Remarks: The FY 2023 Agricultural Scrap Tire Collection Event is a statewide program funded by MDE Scrap Tire Fund and managed by MES in conjunction with the Maryland Farm Bureau. MDE has approved the FY 2023 Ag Tire Event to include 16 Counties and Baltimore City. The above referenced MDE PO was issued on 12/29/22, in the amount of \$1,372,000, including scrap tire disposal and MES management costs.

Additional Notes: The total number of Counties to participate and total tonnage are not available currently. The procurement total amount shown above is only an estimate.

The purpose of the contract is to provide a vehicle for transportation/disposal of tires for Counties that do not already have active hauling contractors. Notification letters/surveys are being sent out to obtain information about the Counties' level of participation.

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January 26, 2023

Item: 4

Type: A/E Services over \$200,000

Group & Division Water and Wastewater Group, Engineering Services Division

MES Contract Number: 1-23-2-44-3

Project Name: Sandy Point State Park Water System Upgrade

Title/Description: Design a new water tower and upgrades to the existing water treatment plant. Prepare a Preliminary Engineering Report (PER) reviewing the existing sewer collection and water distribution systems and provide a preliminary design.

Procurement Method: A/E Short List

Bids/Proposals: N/A

Awarded To: Watek Engineering Corporation

Amount: \$ 323,514.00

Term: 24 Months

Fund Source: Program Open Space -23 (POS-23)

MBE Goal: 29%

Remarks: The existing water treatment plant and water tower provide potable water and fire protection for the park and the State Highway Facility at the Bay Bridge. The water tower, distribution system, and collection systems were installed in the 1950's. The tower has numerous issues with the most substantial being the column piers deterioration. Based on this and other issues, it has been recommended that a new tower be constructed. MES also received a memo from MDE on December 28, 2022, recommending immediate action on the tower. The water treatment plant is aged and much of the equipment is obsolete having outlived its useful life; the plant needs to be updated to maintain high quality drinking water for the park. This item will go to the Board of Public Works on February 15, 2023.



Change Order approval

**PROCUREMENTS, CONTRACTS, PURCHASE ORDERS,
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January 26, 2023

Item: 5

Type: Services (Equipment Rental) over \$200,000

Group & Division: Environmental Dredging and Restoration

MES Contract Number: 1-19-3-40-5

Project Name: Hawkins Point Hazardous Waste Landfill and Dundalk Marine Terminal

Title/Description: Frac Tank, Roll Off Box, Vacuum Box, Pump and Spill Guard Rentals

Original Procurement Method: Competitive Sealed Bid

Contractor: ACV Environmental Services, Inc. (Allstate Powervac dba ACV Enviro)

Original Term: 3 years (6/26/2019 – 6/23/2022) with optional renewal for 2 years (6/24/2022 – 6/24/2024)

Modified Term: NA

Original Amount: \$254,440.00; (BOD Item 5, April 25, 2019)

Modifications to Date: CO #1 - \$173,205.00 with 2-year renewal through 6/24/2024; (BOD Item 5 March 31, 2022)

Amount of this Change Order # 2: \$234,635.70

Revised Total Contract Amount: \$662,280.70

Client/Fund Source: Dundalk Marine Terminal MES/MDOT MPA (96-03-11), and Hawkins Point Hazardous Waste Landfill MES/MDOT MPA (95-03-55) and MES/Honeywell (83-03-47)

MBE Participation: MBE Goal 1%; ACV's is currently in compliance with their MBE participation goal

Remarks:

The change order will provide specialized equipment rentals at the Hawkins Point Hazardous waste landfill and Dundalk Marine Terminal through 6/30/2023. Equipment is used for management of chromium contaminated solids and liquids, and other hazardous and non-hazardous materials generated from site excavations, storm drain cleanings, and Ground Water Treatment Plant processes. Additional rental equipment includes a temporary oil water separator for the client until they can complete engineering and design to procure a permanent replacement.



Figure 1 Roll-off Boxes at Dundalk Marine Terminal (DMT)



Figure 2 Frac Tank for water management at DMT



Figure 3 Pump at DMT

Change Order approval

**PROCUREMENTS, CONTRACTS, PURCHASE ORDERS,
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January 26, 2023

Item: 6

Type: AE Services over \$200,000

Group & Division: Environmental Dredging and Restoration

MES Contract Number: 1-21-3-36-3

Project Name: Innovative Reuse and Beneficial Use Environmental & Engineering Support Services TSA III Task 25

Title/Description: Environmental and engineering support services to the MDOT MPA's innovative reuse and beneficial use program

Original Procurement Method: A/E Shortlist # 1-18-1-06-3

Contractor: Anchor QEA

Original Term: 10/9/2020 – 6/30/2022

Modified Term: 6/30/2023 (term previously extended under Amendment #1)

Original Amount: \$222,389.00

Modifications to Date: Amendment #1 Additional 1 year.

Amount of this Change Order: \$133,388.59

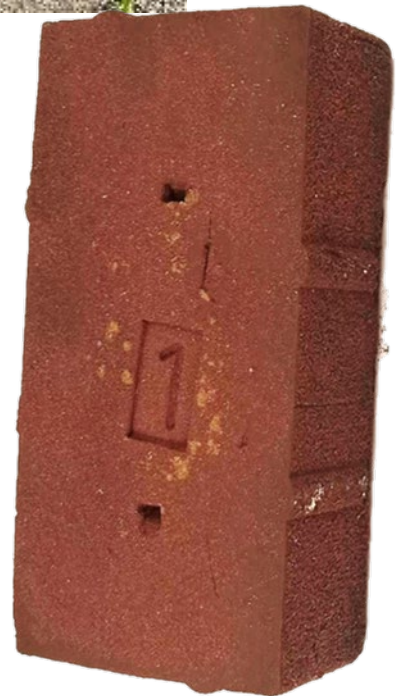
Revised Total Contract Amount: \$355,777.59

Client/Fund Source: TSA III Task 25 (3568-3025), MDOT MPA

MBE Participation: There is a 9% MBE goal for this contract. The MBE Firm is Soil and Land Use Technology, Inc. (SaLUT). Current MBE achievement is 3.35%. To aid in reaching the set MBE goal Anchor has identified additional opportunities for SaLUT to support the testing and coordination related to innovative reuse material.

Remarks: This budget increase will enable MES Subcontractor, Anchor QEA, to provide continued environmental and engineering support services to the MDOT MPA's innovative reuse and beneficial use

program and strategy, and development and maintenance of the IRBU Web Tracking Site.



Change Order approval

**PROCUREMENTS, CONTRACTS, PURCHASE ORDERS,
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January 26, 2022

Item: 7

Type: Construction over \$200,000

Group & Division: Water and Wastewater Group, Engineering Services Division

MES Contract Number: 1-22-2-39-1

Project Name: Back River WWTP Primary Settling Tank (PST) 2 & 7
Rehabilitation

Title/Description: Sandblast and Re- Coat Bridge on PST 2

Original Procurement Method: Emergency Procurement

Contractor: G.M.H. Associates of America, Inc.

Original Term: 10 Months

Modified Term: NA

Original Amount: \$2,045,344 (BOD Item 2, April 28, 2022)

Modifications to Date: CO#1 \$53,375.00
CO#2 \$75,156.14
CO#3 \$34,965.00
\$163,496.14

Amount of this Change Order #4: \$46,735.85

Revised Total Contract Amount: \$2,255,575.99

Client/Fund Source: Baltimore City

MBE Participation: Goal: 20%; Achieved to date: 6.1%

Remarks: This work is to recondition a bridge from the entry to the PST to the Center Drive platform. The contractor discovered several severely corroded areas which needed to be restored. This work was not included in the original contract.



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Item: 8

Type: Supplies over \$200,000

Group & Division: Environmental Operations

MES Contract Number: 1-22-4-64-5

Project Name: Prince George's County Materials Recycling Facility (MRF)

Title/Description: Supply and Delivery of 11- and 12-gauge baling wire

Original Procurement Method: Competitive sealed bid

Contractor: South Atlantic Marine Services, Inc.

Original Term: One year with two one-year extensions

Modified Term: None

Original Amount: \$475,362 (BOD Item 1, May 26, 2022)

Modifications to Date: CO #1 \$109,570

Amount of this Change Order #2: \$376,680

Revised Total Contract Amount: \$961,612

Client/Fund Source: Prince George's County, MES Contract #2-16-4-27
Cost Center #3507-1200

MBE Participation: 0% No MBE requirement for this project

Remarks: Revised estimate of required wire supplies for contract term



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Item: 9

Type: Equipment Purchase over \$200,000

Group & Division Environmental Operations – Solid Waste Management

MES Contract Number: tbd

Project Name: W.R. Grace & Co. Solid Waste Management Services

Title/Description: Purchase a John Deere 700L Bulldozer and a John Deere 200G Excavator

Procurement Method: Sourcewell Cooperative Purchasing Agreement

Bids/Proposals: JESCO (John Deere) - \$336,147
Carter (CAT) - \$474,723

Awarded To: JESCO

Amount: \$336,147

Term: The equipment must be delivered by June 30, 2024

Client/Fund Source: W.R. Grace & Co. (IGA 2-22-4-42)

MBE Goal: 0%

Remarks: MES – Environmental Operations provides Solid Waste Management Services for the W.R. Grace industrial landfill in Baltimore. The original contract began in 2014 and was extended in 2022 for a 3-year term with two 1-year extension options. The operation includes one (1) excavator and one (1) bulldozer for handling the industrial waste material. The original/current excavator and bulldozer were purchased in 2014 and they have reached the end of their useful lives. Heavy equipment for this type of operation is generally replaced after 7-years or 10,000 hours of operation. The current equipment has surpassed both measures. MES has solicited and received quotes from JESCO for a John Deere 200G Excavator and a John Deere 700L bulldozer.

The quotes are prenegotiated through the Sourcewell Cooperative Purchasing Agreement and include the buyback values of the current machines.

