



Board of Directors Meeting

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

July 28, 2022

9:30 a.m.

Agenda

Board Members

Hon. Frederic Smalkin
Chair

Robert L. Witt, II
Secretary

Hon. Robert R. Neall
Treasurer

Dereck Davis
State Treasurer

Shelley L. Heller
Chair, Audit Committee

Marian C. Hwang, Esq.
Chair, HR Committee

Hiram Tanner, Jr., P.E.

Charles C. Glass Ph.D.,
P.E.
Executive Director

Call to Order	Frederic Smalkin
Inspire Awards	Managing Directors
Approval of Minutes – June 30, 2022	Frederic Smalkin
Executive Director’s Report	Charles Glass
Agency Activity Report	Managing Directors
Financial Report	Hament Patel
Human Resources Report	Steven King
Group Update: - Finance	Hament Patel
Procurement	Hattie Crosby
• Procurement Items	
• Item 1: Dorsey Run AWWTP, Padlands LLC – biosolids trucking & placement	
• Item 2: Back River WWTP, Synagro Central LLC – cleaning of digesters 1 & 4	
• Item 3: Central MD Correctional facilities, CMT Services - labor	
• Item 4: Montgomery County, Barton Loguidice – engineering services	
• Item 5: Swallow Falls State Park, Watek Engineering – WWTP system improvements	
• Item 6: Hart-Miller Island – 2 dump trucks	
• Item 7: Poplar Island – 2 dump trucks	
• Item 8: Cox Creek DMCF, GBA – sediment study	
• Item 9: Poplar Island, Carter Equipment – road grader	
• Item 10: Sandy Hill Landfill, Arcadis – Consent Order monitoring	
• Item 11: Sandy Hill Landfill, SCS Engineers – compliance monitoring	
• Item 12: Brown Station Landfill, SCS Engineers – compliance monitoring	
• Item 13: Montgomery Co. MRF, WB Waste Solutions – offsite processing	
• Item 14: Statewide Hazardous Household Waste collection & disposal	

- Item 15: Montgomery County Composting – Leafgro® bags
 - Item 16: SHA Drainage Repair, Allied Contractors
 - Item 17: SHA Drainage Repair, Concrete General
- Notifications

Legal Report

Sean Coleman

New/Old Business

Frederic Smalkin

Adjournment

Frederic Smalkin

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

July 28, 2022

Item: 1

Type: Services over \$200,000

Group & Division Water/Wastewater Group, Engineering Services Division

MES Contract Number: 1-20-2-19-5

Project Name: Beneficial Reuse Services for Dewatered, Lime Stabilized Biosolids, Dorsey Run AWWTP

Title/Description: Trucking and land application services for Dorsey's biosolids

Original Procurement Method: Competitive Sealed Bid,

Contractor: Padlands LLC

Original Term: One Base Year

Modified Term: Final, second option year (Third year of contract)

Original Amount: \$ 104,175

Modifications to Date: Renewal #1 - \$ 104,175 (First Option Year)

Amount of this Renewal #2: \$ 104,175.

Revised Total Contract Amount: \$ 312,525

Client/Fund Source: Dorsey Run AWWTP, Project No: 2350-0000.

MBE Participation: 1 %

Remarks:



TRUCK LOADED WITH
TREATED BIOSOLIDS AT DORSEY



LAND APPLICATION OF TREATED
BIOSOLIDS AT FARM IN VIRGINIA

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

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Item: 2

Type: Services over \$200,000

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

MES Contract Number: 1-22-2-60-1

Project Name: Back River - Cleaning of Hi-Rate Digesters 1 and 4

Title/Description: Removal and disposal of accumulated solids and debris from two of the anaerobic digesters at the Back River WWTP

Procurement Method: Request for Proposals

Bids/Proposals: Synagro Central LLC, \$ 1,285,544.00
Waste Management, Industrial Waste Services, \$ 1,867,425.93

Awarded To: Synagro Central LLC

Amount: \$ 1,285,544.00

Term: 120 days from Notice-to-Proceed

Client/Fund Source: Back River Operations Through MDE, Project 4009-1300

MBE Goal: 12 %

Remarks: Emergency Procurement



Back River WWTP – Aerial View of Digestion System

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

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Item: 3

Type: Services over \$200,000

Group & Division: Environmental Operations

MES Contract Number: 1-21-4-04-5R

Project Name: Central MD Correctional Facilities- Skilled Labor- First Grade Stationary Engineer for Boiler Plant Operations

Title/Description: Skilled Labor- First Grade Stationary Engineer

Original Procurement Method: Competitive Sealed Bid

Contractor: CMT Services, Inc.

Original Term: July 7, 2021 to September 1, 2022.

Modified Term: September 2, 2022 to September 1, 2023

Original Amount: \$192,192.00

Modifications to Date: None.

Amount of this Change Order: \$94,500.00

Revised Total Contract Amount: \$286,692.00

Client/Fund Source: State Reimbursable Project numbers:
3873-0000: \$31,500.00
3584-0000: \$31,500.00
2566-0000: \$31,500.00

MBE Participation: The MBE Goal is 15%, 7.5% is self-performance and 7.5% is to work with another MBE. CMT's actual MBE participation achieved is 7.5% for self-performance. MES has recently engaged CMT for an additional engineer in late July 2022 and the MBE participation goal is anticipated to be fulfilled during the temporary hiring event.

Remarks:

MES operates three steam production plants via the State Reimbursable Contract at Central Maryland Correctional (CMCF) in Sykesville, MD, Maryland Correctional Institute in Hagerstown, MD (MCI-H), and Jessup Correction Institute (JCI) in Jessup, MD. The contract with CMT Services, Inc. is for skilled labor services to provide temporary Licensed Grade 1, Stationary Engineers for all three facilities. The original contract is for a 15-months and it allowed for two one-year term extensions. This change order will add additional funds to the contract and extend the term of the contract by 1 year, from 9/1/22 to 9/1/23.



Approval after Solicitation
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Item: 4

Type: A/E Service – over \$200,000

Group & Division: Environmental Operations

MES Contract Number: TBD

Project Name: Program/Project Management and Environmental Compliance Support Services

Title/Description: Engineering services for support of Montgomery County Projects to include the Gude Landfill, Oaks Landfill, transfer station renovations and gas monitoring and environmental compliance reporting.

Procurement Method: A/E short list

Bids/Proposals: Barton & Loguidice, D.P.C. - \$425,000

Awarded To: Barton & Loguidice, D.P.C.

Amount: \$425,000

Term: 1-year (FY23)

Client/Fund Source: Montgomery County IGA No. 1103797

MBE Goal: 0%

Remarks: This is a yearly contract awarded to Barton & Loguidice due to their staff's knowledge of and experience at the Montgomery County sites.

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Item: 5

Type: SBR A/E Short List over \$200,000

Group & Division: Water/Wastewater Engineering Division

MES Contract Number: 1-23-2-05-3

Project Name: Swallow Falls State Park – Wastewater System Improvements

Title/Description: Engineering Services for the design and construction management services for improvements to the Wastewater Treatment Plant and Lagoon at Swallow Falls State Park

Procurement Method: SBR A/E short list

Bids/Proposals: \$416,679

Awarded To: WATEK Engineering Corporation

Amount: \$416,679

Term: August 2021 – June 2023 (22 months)

Client/Fund Source: Natural Resources Development Fund of FY 2021
FY 2021 Program Open Space/Item 004 (PCA #12106 - \$416,679)

MBE Goal: 29%

Remarks: The wastewater treatment plant is old and utilizes outdated technology, which does not include any nutrient removal. Due to the age of the infrastructure, known concerns with the existing system, and high maintenance required, certain updates to the wastewater systems are required.

The purpose of this project is to complete the detailed designs from the outcome of the preliminary engineering report. Proposed improvements include the replacement of lagoon systems which will be only utilized for treated effluent, and the installation of a new wastewater treatment plant. Outfall location will not be relocated and safe access to outfall will be improved.

Although funds were originally allocated for this work, preliminary engineering tasks identified a need to change the scope for certain tasks. The fees for the out-of-scope work were taken from the funds allocated for the wastewater treatment system design. The wastewater treatment plant design task was eliminated from the original contract to utilize the fund for a new back-up well to be drilled prior to design of the Water Treatment Plant upgrade and for design, bidding, and construction phase engineering services to rehabilitate the collection and distribution systems.



Lagoon



Wastewater Treatment Plant Building

Pre-Solicitation Approval
PROCUREMENTS, CONTRACTS PURCHASE ORDERS,
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Item: 6

Type: Equipment Purchase over \$200,000

Group & Division: Environmental Dredging and Restoration

MES Procurement # TBD

Project Name: Hart Miller Island DMCF

Title/Description: Purchase of Two (2) John Deere 260E-II or Equivalent Articulated Dump Trucks for the Hart Miller Island Project in Baltimore County, Maryland

Procurement Method: Competitive Sealed Bid

Advertising Date: TBD

Estimate: \$1,072,000

Client/Fund Source: Hart Miller Island 2587-1204, MDOT MPA

MBE Goal: 0%

Remarks: The two existing articulated dump trucks purchased in 2006 are in need of replacement due to deterioration and required repairs. MDOT MPA has approved these replacements in the FY 2023 project budget. The \$1,072,000 estimate may be reduced by the trade-in value of the existing units.



Pre-Solicitation Approval
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Item: 7

Type: Equipment Purchase over \$200,000

Group & Division: Environmental Dredging and Restoration

MES Procurement#: TBD

Project Name: Paul S. Sarbanes Ecosystem Restoration Project at Poplar Island

Title/Description: Purchase of Two (2) John Deere 460E-II or Equivalent Articulated Dump Trucks for the Paul S. Sarbanes Ecosystem Restoration Project at Poplar Island in Talbot County, Maryland

Procurement Method: Competitive Sealed Bid

Advertising Date: TBD

Estimate: \$1,350,000

Client/Fund Source: Poplar Island 2592-1204, MDOT MPA

MBE Goal: 0%

Remarks: The two existing articulated dump trucks purchased in 2015 are in need of replacement due to deterioration and required repairs. MDOT MPA has approved these replacements in the FY 2023 project budget. The \$1,350,000 estimate may be reduced by the trade-in value of the existing units.



Approval after Solicitation
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Item: 8

Type: A/E Service – over \$200,000

Group & Division: Environmental Dredging and Restoration

MES Contract Number: TBD

Project Name: Cox Creek DMCF

Title/Description: Cox Creek DMCF Sediment Study and Conceptual Engineering for +80 Dike Design

Procurement Method: A/E Shortlist 1-18-1-06-3 Category III

Bids/Proposals: Gahagan & Bryant Associates (GBA) \$368,518

Awarded To: Gahagan & Bryant Associates (GBA)

Amount: \$368,518

Term: July 2022-June 2023

Client/Fund Source: MDOT Maryland Port Administration, MOU 2-18-3-79 for Dredging and DMCF Support Services

MBE Goal: 58% including contingent tasks

Remarks: GBA and their MBE subcontractor will undertake a blending study to determine ratios of dredged material with other materials (granular materials or cement) to identify their potential use in construction of the dikes to Elevation +80 feet. GBA/subcontractor will prepare conceptual dike designs based on the data.



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Item: 9

Type: Equipment Purchase over \$200,000

Group & Division: Environmental Dredging & Restoration

MES Contract Number: TBD

Project Name: Paul S. Sarbanes Ecosystem Restoration Project at Poplar Island

Title/Description: Purchase of a Road Grader for the Poplar Island Environmental Restoration Project

Procurement Method: Intergovernmental Cooperative contract. Sourcewell Cat Agreement # 032119-CAT

Bids/Proposals: Carter Equipment: \$304,732.02
JESCO: \$313,753.94

Awarded To: Carter Equipment

Amount: \$304,732.02

Term: Delivery in early Spring 2023

Client/Fund Source: Poplar Island 2592-1204, MDOT MPA

MBE Goal: No MBE Goal



Remarks: The existing 21-year-old road grader is in need of replacement due to the deterioration and required repairs. MDOT MPA has approved this purchase in the FY 2023 Budget. This item was previously approved by the BOD in January 2022 before solicitation. Since then, there have been price increases.

Approval after Solicitation
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Item: 10

Type: A/E Service – over \$200,000

Group & Division: Environmental Operations

MES Contract Number: TBD

Project Name: Sandy Hill Creative Disposal Project (SHCDP) Consent Order Assistance and Compliance Monitoring

Title/Description: Compliance Monitoring and Reporting

Procurement Method: A/E short list

Bids/Proposals: NA

Awarded To: Arcadis

Amount: \$491,595.00

Term: July 1, 2022 – June 30, 2023

Client/Fund Source: PG Co/Contract Management Services/IGA 2-21-4-53. 3838-0001

MBE Goal: 31%

Remarks: The AE will provide professional services in support of Prince George's County's ongoing consent order with MDE. This includes efforts to maintain compliance pursuant to roles and responsibilities outlined in a settlement agreement with Waste Management Inc. (WMI) in 2010; as well as provide strategic consulting associated with remedies to be included in a pending Corrective Action Plan (CAP) or minimize future costs by petitioning MDE for cessation of the consent order. The County submitted a Water Balance Study and Environmental Monitoring Plan to MDE for Review on May 18, 2021.

The AE will also perform routine water quality and soil-gas compliance program monitoring and reporting per the SHCDP

facility permit and COMAR requirements for July 1, 2022, through June 30, 2023.



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Item: 11

Type: A/E Service – over \$200,000

Group & Division: Environmental Operations

MES Contract Number: TBD

Project Name: Sandy Hill Creative Disposal Project (SHCDP) Support Services

Title/Description: Compliance Monitoring and Reporting

Procurement Method: A/E short list

Bids/Proposals: NA

Awarded To: SCS Engineers

Amount: \$495,652.00

Term: July 1, 2022 – June 30, 2023

Client/Fund Source: PG Co/Contract Management Services/IGA 2-21-4-53. 3838-0001

MBE Goal: 10%

Remarks: The AE will perform field operations and maintenance of landfill gas collection, flare and monitoring systems located at the landfill. This includes routine blower/ flare station daily inspection, routine wellfield/ and pipeline inspection, calibration of combustion sensors, and non-routine repairs. The AE will also perform air emissions and other regulatory support as specified by facility permits. Such as Clean Air Act regulations, including the Standards of Performance for Municipal Solid Waste Landfills (40 CFR 60 Subpart WWW), the Emissions Guidelines and Compliance Times for Municipal Solid Waste Landfills (40 CFR 60 Subpart Cc), and the Maximum Achievable Control Technology (MACT) Standards for Landfills (40 CFR 63, Subpart AAAA). This includes monthly wellhead monitoring, quarterly surface emissions monitoring, quarterly and semiannual

NSPS/MACT reports for the landfill, and annual emissions and toxic certification. Support services will be for July 1, 2022, through June 30, 2023.



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Item: 12

Type: A/E Service – over \$200,000

Group & Division: Environmental Operations

MES Contract Number: TBD

Project Name: Brown Station Road Sanitary Landfill (BSRSL)

Title/Description: Compliance Monitoring and Reporting

Procurement Method: A/E short list

Bids/Proposals: NA

Awarded To: SCS Engineers

Amount: 499,000.00

Term: July 1, 2022 – June 30, 2023

Client/Fund Source: PG Co/Contract Management Services/IGA 2-21-4-53. 3838-0000

MBE Goal: 20%

Remarks: The AE will perform field operations and maintenance of landfill gas collection, flare and monitoring systems located at the landfill. This includes routine blower/ flare station daily inspection, routine wellfield/ and pipeline inspection, calibration of combustion sensors, and non-routine repairs. The AE will also perform air emissions and other regulatory support as specified by facility permits. Such as Clean Air Act regulations, including the Standards of Performance for Municipal Solid Waste Landfills (40 CFR 60 Subpart WWW), the Emissions Guidelines and Compliance Times for Municipal Solid Waste Landfills (40 CFR 60 Subpart Cc), and the Maximum Achievable Control Technology (MACT) Standards for Landfills (40 CFR 63, Subpart AAAA). This includes monthly wellhead monitoring, quarterly surface emissions monitoring, quarterly and semiannual

NSPS/MACT reports for the landfill, and annual emissions and toxic certification. Support services will be for July 1, 2022, through June 30, 2023



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Item: 13

Type: Services – over \$200,000

Group & Division: Environmental Operations – Solid Waste and Recycling

MES Contract Number: 1-22-4-53-5

Project Name: Montgomery County Materials Recycling Facility (MRF)

Title/Description: Montgomery County MRF Offsite Processing of Stream Residential Commingled Materials

Procurement Method: Competitive Sealed Bid

Bids/Proposals:

Waste Management Recycle America, LLC	\$3,135,600
World Recycling	\$3,135,600
Republic Services	\$2,369,120
WB Waste Solutions, LLC	\$2,264,600

Awarded To: WB Waste Solutions, LLC

Amount: \$2,264,600

Term: One-year starting from written Notice to Proceed, with four 1-year renewal options

Client/Fund Source: Montgomery County MRF Operations IGA 2-16-4-69. FY2023 Operating Budget 2553-1200-6223.

MBE Goal: 28%

Remarks: This contract will provide an alternate recycling facility when the MCMRF is unable to accept or process residential commingled recycling materials.

Pre-Solicitation Approval
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Item: 14

Type: Services over \$200,000

Group & Division: Environmental Operations

MES Procurement #: 1-23-4-03-8

Project Name: Statewide Hazardous Household Waste (HHW) Collection, Transfer, and Disposal Services- 3 regions

Title/Description: The contract is for the collection, transportation, and disposal of HHW materials from various locations around the State. Collection events under this contract are requested by the individual counties.

Procurement Method: Request for Proposals

Advertising Date: August 1, 2022

Estimate: \$3.5 Million

Client/Fund Source: Following counties: Allegany, Carroll, Frederick, Harford, Midshore, St. Mary's, Wicomico, Worcester, and Calvert.

MBE Goal: 19%

Remarks:

Pre-Solicitation Approval
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Item: 15
Type: Supplies over \$200,000
Group & Division: Environmental Operations
MES Procurement #: TBD
Project Name: Montgomery County Compost Operation- Leafgro® Bags
Title/Description: Leafgro® Bags for FY23
Procurement Method: Competitive Sealed Bid
Advertising Date: August 1, 2022
Estimate: \$1,763,437.50
Client/Fund Source: Montgomery County 2554-1206
MBE Goal: 0%
Remarks: New contract for Leafgro® Bags for Montgomery County Leafgro bagging operation.



Change Order Approval
PROCUREMENTS, CONTRACTS PURCHASE ORDERS,
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July 28, 2022

Item: 16

Type: Construction over \$200,000

Group & Division: Technical & Environmental Services (TES)

MES Contract Number: 1-22-4-62-6

Project Name: Drainage Repair at Various Locations

Title/Description: Amendment to Allied Contractors, Inc. Assisted 1-22-4-62-6 for activities related to drainage and stormwater remediation and construction.

Original Procurement Method: Assisted Contract (MDTA MR-3017)

Contractor: Allied Contractors, Inc.

Original Term: Through December 31, 2023

Modified Term: Through December 31, 2024

Original Amount: \$750,000.00

Modifications to Date: None

Amount of this Change Order: \$2,000,000

Revised Total Contract Amount: \$2,750,000

Fund Source: MDOT-SHA District 3 As-Requested Drainage Remediation 3768-1703

MBE Participation: 9% (VSBE 1%) in line with the original IFB & Contract

Remarks: MDOT SHA has requested subcontractor support for the correction of additional deficiencies at the Infiltration Basin located on MD Route 100, where an area washout has caused the exposure of a water utility as well as sedimentation of the basin. MDOT SHA has requested that MES and Allied address the initial corrective actions and address and remediate the area of the washout and removal of the sediment. It is anticipated that other site assignments from SHA will have similar issues, as the last inspections were completed over 3-years ago. The

MBE goal for this contract will be 9%. MES project managers will work with Allied on each site to incorporate MBE vendors where and when possible.

Picture 1: MD 100: Infiltration Basin, Exposed Howard County Water Line



Picture 2: MD 100 Infiltration Basin – Failed Corrugated Metal Pipe and Accumulated Sediment



Approval After Solicitation
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Item: 17

Type: Construction over \$200,000

Group & Division Technical & Environmental Services (TES)

MES Contract Number: TBD

Project Name: Drainage Repair at Various Locations

Title/Description: Drainage Repair at Various Locations: The Contractor (Concrete General, Inc.) will supply MES with contractual services necessary for MES to support MDOT SHA with remediation and construction support for repair and replacement of various storm water pipes, culverts and associated structures located in Central Maryland. MDOT-SHA has requested that MES provide support for SHA operated low and high hazard dams.

Procurement Method: Assisted Contract to MDOT-SHA XX1635T80

Bids/Proposals: NA

Awarded To: Concrete General, Inc.

Term: Contract Execution through December 31, 2023

Amount: \$1,000,000.00

Client/Fund Source: MDOT-SHA District 3 Drainage & Inlet Maintenance & Remediation: 3768-1702
MDOT-SHA District 3 As-Requested Drainage Remediation 3768-1703

MBE Goal: 10%, which is greater than the SHA contract

Remarks: SHA has made a specific request for MES to complete dam safety inspection violations to the Purple Line Veteran Pond dam by clearing and grubbing all woody vegetation on the dam. MDOT-MTA Purple Line that parallels MD 410 in Prince George's County has constructed a storm water retention pond. Coordination with MDE, MTA and SHA have determined the roadway embankment is a dam. As part of the Dam Safety Permit 19-MR-0135 Special Condition 31 – all trees and vegetation are to be removed. The tree removal is in

the critical path for the Purple Line construction and SHA has requested MES to complete and document tree removal and restore conditions of the dam.

Image 1: Tree Removal Equipment – Md 4 at Ritchie Marlboro



Image 2: Tree vegetation to be removed – MD 4 at Ritchie Marlboro



Image 3: Tree Vegetation Removed MD 4 Richie Marlboro

