

Board of Directors Meeting

View online at: <u>https://youtu.be/t CpWJktU Y</u>

March 31, 2022 9:30 a.m.

Agenda

Hon. Frederic Smalkin <i>Chair</i>	Call to Order	Frederic Smalkin
	Approval of Minutes – February 24, 2022	Frederic Smalkin
Robert L. Witt, II <i>Secretary</i> Hon. Robert R. Neall	Executive Director's ReportAvian Influenza ResponseLegislative Session Update	Charles Glass Tim Ford Jeff Tosi
Treasurer	Agency Activity Report	Managing Directors
Dereck Davis State Treasurer	Financial Report Sponsorship Policy 	Hament Patel
Shelley L. Heller <i>Chair, Audit Committee</i>	Human Resources Report	Steven King
Marian C. Hwang, Esq. <i>Chair, HR Committee</i> Hiram Tanner, Jr., P.E.	 Human Resources Committee Report Telework Policy Water/Wastewater Operator Career Path Targeting Excellence Program 	Marian Hwang
Charles Glass Ph.D., P.E. <i>Executive Director</i>	 Group Updates Water/Wastewater Group Procurement Procurement Items Item 1: PG Co Composting – Jesco, Wheel I Item 2: PG Co Composting – Jesco, Wheel I 	
 Item 1: For the United Formation of the Point Point of the Point Point of the Point Point of the Point Po		itions, security , floodplain mapping repair ed Contractors em, Shah & Assoc. /M Schlosser Co.

Notifications •

Board Members

Maryland Environmental Service Board of Director's Meeting – Agenda Page 2 of 2

New/Old BusinessFrederic SmalkinLegal ReportSean ColemanClosed SessionFrederic SmalkinAdjournmentFrederic Smalkin

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

March 31, 2022

Item:	1
Туре:	Equipment Purchase over \$200,000
Group & Division:	Environmental Operations Group
MES Contract Number:	TBD
Project Name:	Prince George's County Organics Composting Facility
Title/Description:	John Deere 744L 4WD Wheeled Loader
Procurement Method:	Intergovernmental Cooperative Purchasing Program (Sourcewell) Sourcewell Contract 032119-JDC, MES Sourcewell ID No. 5305
Bids/Proposals:	Jesco (via Sourcewell) - \$379,000.00
Awarded To:	Jesco
Amount:	\$379,000.00
Term:	2-4 month delivery
Client/Fund Source:	PG Yard Waste ; 2548-1700
MBE Goal:	0%



Remarks:

This unit is needed to replace a 2005 Volvo 150E wheeled loader

that is at the end of its useful life. This loader will soon be unsupported by the manufacture because of its age thus increasing maintenance cost. The new JD 744L wheeled loader will increase productivity and reduce the need for the total number of critical spare needed in inventory at the site. All wheeled loaders will be the same model of John Deere wheeled loaders to further improve maintenance efficiencies.

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

March 31, 2022

Item:	2
Туре:	Equipment Purchase over \$200,000
Group & Division:	Environmental Operations Group
MES Contract Number:	TBD
Project Name:	Prince George's County Organics Composting Facility
Title/Description:	John Deere 744L 4WD Wheeled Loader
Procurement Method:	Intergovernmental Cooperative Purchasing Program (Sourcewell) Sourcewell Contract 032119-JDC, MES Sourcewell ID No. 5305
Bids/Proposals:	Jesco (via Sourcewell) - \$377,000.00
Awarded To:	Jesco
Amount:	\$377,000.00
Term:	2-4 month delivery
Client/Fund Source:	PG Yard Waste ; 2548-1700
MBE Goal:	0%



Remarks:

This unit is needed to replace a 2005 Volvo 150E wheeled loader

that is at the end of its useful life. This loader will soon be unsupported by the manufacture because of its age thus increasing maintenance cost. The new JD 744L wheeled loader will increase productivity and reduce the need for the total number of critical spare needed in inventory at the site. All wheeled loaders will be the same model of John Deere wheeled loaders to further improve maintenance efficiencies.

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

Item:	3	
Туре:	Services over \$200,000	
Group & Division	Environmental Operations	
MES Contract Number:	1-20-4-06-5R	
Project Name:	Unarmed Security at the Prince George's County Materials Recycling Facility (MRF)	
Title/Description:	This contract provides unarmed security services overnight and on weekends for the Prince George's County MRF	
Original Procurement Method: Competitive Sealed Bid		
Contractor:	Tactical Security Solutions Inc.	
Original Term:	March 2020-March 2021 (with four 1-year optional extension periods)	
Modified Term:	Extension 1- March 2021-March 2022(1st 1-year extension)	
	Extension 2- March 2022 – March 2023 (2 nd 1-year extension)	
Original Amount:	\$74,304	
Modifications to Date:	Amendment 1- \$76,533.12	
Amount of this Amendment 2: \$78,895.98		
Revised Total Contract Amount: \$229,733.11		
Client/Fund Source:	Prince George's County/3507-1200	
MBE Participation:	0%	
Remarks:	This contact provides security services for the Prince George's County MRF on nights and weekends. This important service protects the valuable equipment and commodities at the site and keeps watch for fires on the tipping floor. This is the second 1-year extension out of four that were included in the original contract.	



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

Item:	4
Туре:	A/E Services over \$200,000
Group & Division	Technical and Environmental Services
MES Contract Number:	TBD
Project Name:	Howard County, Maryland Hydrologic and Hydraulic Modeling and Floodplain Mapping
Title/Description:	Modeling services to assess the impact of hundreds of new bridges and culverts; upgrade leverage models to current standards; and perform associated floodplain mapping activities.
Procurement Method:	Geographic Information Services (GIS) & Associated Services Shortlist
Bids/Proposals:	NA
Awarded To:	Wood Environment & Infrastructure Solutions, Inc.
Amount:	\$455,543.73
Term:	Notice to proceed through June 2023
Client/Fund Source:	MD Department of the Environment BPO #U00B9400008
MBE Goal:	29%
Remarks:	This modeling work is needed to complete necessary upgrades to bring the existing hydrologic and hydraulic models up to acceptable FEMA standards.



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

Item:	5	
Туре:	Services over \$200,000	
Group & Division	Environmental Dredging & 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:	Allstate Power Vac dba ACV Enviro (ACV)	
Original Term:	Three years with optional renewal for two years	
Modified Term:	Five years (June 2019 – June 2024)	
Original Amount:	\$254,440.00; (BOD Item 5, April 25, 2019)	
Modifications to Date:	None	
Amount of this Change Order #1: \$173,205.00		
Revised Total Contract Amount: \$427,645.00		
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:	The MBE Goal for this work is 1%.	
Remarks:	The change order will provide equipment rentals at the Hawkins Point Hazardous waste landfill and Dundalk Marine Terminal for an additional two-year term. Equipment is used for management of chromium contaminated solids and liquid, and other hazardous and non-hazardous materials generated from excavations, storm drain cleanings, and Ground Water Treatment Plant processes.	



Roll off box, Dundalk Marine Terminal



Frac tank, Dundalk Marine Terminal



Pump, Dundalk Marine Terminal

Pre-Solicitation Approval

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

Item:	6
Туре:	Specialized Construction over \$200,000
Group & Division:	Environmental Dredging and Restoration
MES Procurement #:	1-22-5-10-8
Project Name:	Dundalk Marine Terminal Groundwater Treatment Plant
Title/Description:	Fiberglass Aboveground Storage Tank Repair
Procurement Method :	Request for Proposals
Advertising Date:	March 2022
Estimate:	\$300,000 (including contingency)
Client/Fund Source:	Maryland Department of Transportation Maryland Port Administration, MES Contract No. 96-03-01
MBE Goal:	1%
Remarks:	Repair damage to the corrosion barrier on the internal walls and roof of two 79,500-gallon fiberglass reinforced plastic aboveground storage tanks used to store alkaline chromate wastewater at the Dundalk Marine Terminal Groundwater Treatment Plant.



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

Item:	7
Туре:	Equipment Purchase
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 Super Low Ground Pressure Dozer for the Poplar Island Environmental Restoration Project
Procurement Method:	Intergovernmental Cooperative Contract
Bids/Proposals:	Carter CAT Equipment: \$341,899.00 JESCO John Deere Equipment: \$230,305.00
Awarded To:	JESCO
Amount:	\$230,305.00
Term:	Delivery in Ninety (90) Days
Client/Fund Source:	Poplar Island 2592-1204, MDOT MPA
MBE Goal:	0%
Remarks:	The deterioration and needed repairs to the existing 18-year-old Dozer has created a need to replace it. MDOT MPA has approved this purchase in the FY 2022 Budget



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

Item:	8
Туре:	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 (Allied Contractors, 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 management, drainage, and BMP structures located in Central Maryland. Their services support MDOT SHA in their overall goal of compliance related to drainage, storm water management, TMDL, NPDES, and sediment & erosion control. Contractor will provide services on a reimbursable basis of allowable incurred costs in accordance with the approved scope of work and billing rates.
Procurement Method:	Assisted Contract to MDOT-SHA 440D31423
Bids/Proposals:	Allied Contrctors, Inc \$750,000
Awarded To:	Allied Contractors, Inc.
Amount:	\$750,000
Term:	Contract execution through 12/31/2023
Client/Fund Source:	MDOT-SHA District 3: 3767-0000 - \$750,000.00
MBE Goal:	10%
Remarks:	MDOT-SHA has recently experienced an increase in the number and scope of storm water emergency repair projects. MES has currently been assigned seven (7) SHA emergency repair projects assigned to other contractors under contract to MES. SHA has

requested that MES obtain additional capacity for emergency storm water repair work by establishing a new contract with another construction contractor. Allied Contractors, Inc., has experience working with SHA and currently is the contractor for MDOT-SHA 440D31423. SHA anticipates that new, additional emergency storm water system repair work will be identified for MES assignment in the next several months with the spring rains.

Image 1: Emergency design and repair- MD Route 4 Ramp to Ritchie-Marlboro Road Prince George's County, Maryland



MD 4 North Ramp to

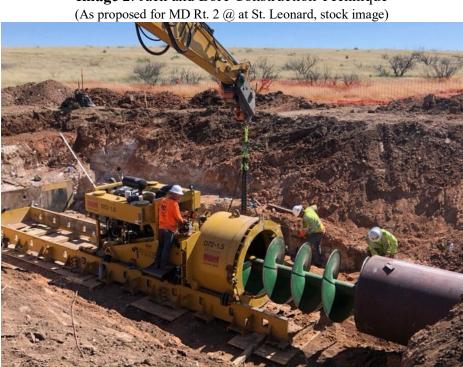


Image 2: Jack and Bore Construction Technique

Image 3: Filled drainage swale, to be excavated, MD 234 Budd's Creek



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

Item:	9	
Туре:	A/E Services: over \$200,000	
Group & Division:	Environmental Operations	
MES Contract Number:	1-21-4-48-3	
Project Name:	MCI-H Boiler Plant Electrical Distribution System Improvements	
Title/Description:	Design and construction support for equipment replacement of the normal and emergency standby electrical distribution system at the Maryland Correctional Institution – Hagerstown boiler plant.	
Original Procurement Method: A/E shortlist		
Contractor:	Shah & Associates	
Original Term:	03/25/2021 to 12/31/2021	
Modified Term:	Additional 18 Month's to 06/30/2023	
Original Amount:	\$170,261.00	
Modifications to Date:	Contract Amendment No. $1 - $22,147.30$ No Cost Extensions No. $1 - 18$ months to $6/30/2023$	
Amount of this Change Order: \$56,916.00 (Contract Amendment No. 2)		
Revised Total Contract Amount: \$249,324.30		
Client/Fund Source:	MCCBL of 2020, <i>MES Infrastructure Improvement Fund (UB00)</i> 336 MCCBL19 PCA (12077)	
MBE Participation:	MBE Goal = 10%	
Remarks:	The proposed additional design services are associated with the labor effort required for designing and removing power provisions for the 15kV Switch Station Space Heaters from the project scope, revising the Motor Control Center (MCC) layout with the final client directed quantity of future variable frequency drives (VFD),	

and combining the Phase 1 and 2 design into a single bid package with a consolidated project cost estimate. These items were discussed with the client during the January 27, 2022, Project Manager Turnover & Design Progress meeting and additionally at the February 11, 2022, Phase 2 – 50% Design Review meeting.

The original contract agreement directed the A/E to deliver the design documents in two separate bid packages for a construction delivery in two phases (Phases 1 & 2). Due to extensive equipment lead times of up to a year, a single bid package was determined to be prudent to allow a single awarded contractor to plan the construction schedule. In so doing, the intention of the phased construction can be maintained, minimize power outages in support of the boiler plant's continuous operating mission in a safe, reliable, and efficient manner.



Existing MCC 'A' at the MCI-Hagerstown Boiler Plant.



Proposed replacement model MCC. Square D Model 6

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

Item:	10		
Туре:	Construction over \$200,000		
Group & Division:	Environmental Operations		
MES Contract Number:	1-22-4-07-5R		
Project Name:	ECI Cogeneration Plant Boiler Fuel Conversion		
Title/Description:	Perform boiler and room modifications, install natural gas equipment purchased by MES under separate contract, and tie into the new natural gas distribution point at the north side of the plant.		
Procurement Method:	Competitive Sealed Bids		
Bids/Proposals:	Riggs Distler Company, Inc. W. M. Schlosser Company, Inc.	\$12,234,190 \$9,895,000.0	
Awarded To:	W. M. Schlosser Company, Inc.		
Amount:	\$9,895,000.00		
Term:	190 calendar days		
Client/Fund Source:			
	DGS H00H01.02 Statewide Capital \$7,284,81 Appropriation - Business Enterprise Administration (pending transfer)		\$7,284,815.00
	ECI Energy Upgrade Project Reserve Fund \$1,659,203.0 (Res 21-12-1R)		\$1,659,203.00
	MEA FY22 Maryland Anchor Customer Grant \$525,000.00 Program (pending agreement)		\$525,000.00
	266 MCCBL 2018 (PCA 12051) 336 MCCBL 2019 (PCA 12075)		\$4,000.00 \$421,982.00

MBE Goal:

17%

Remarks:

The Eastern Correctional Institution (ECI) cogeneration plant is converting both existing high-pressure boilers from firing wood chips and No. 2 fuel oil to fire natural gas and No. 2 fuel oil. The construction efforts will entail modification to the internal boiler configuration and boiler room to include removal of equipment no longer required for operation; modification to existing catwalks; installation of burners, economizers, and ancillary equipment; installation and programming of boiler instrumentation and controls; and installation of piping that will safely direct natural gas from the service distribution point outside of the plant to the burner for each boiler. This contract includes transfer of a sole-source contract (1-22-4-17-2) with the boiler Original Equipment Manufacturer (OEM) valued at \$1,514,000.00 and approved by the Board on July 15, 2021 (Item 6).

This project was originally advertised from August 26 to September 16, 2021. Eighteen firms downloaded the full solicitation package, 6 attended the virtual pre-bid meeting on September 2, 2021, and 2 attended the site visit on September 3, 2021. At the request of multiple bidders during the question period, the bid due date was extended by 1 week until September 23, 2021 and an additional site visit was made available on September 15, 2021. No firm visited the site on the second site visit. A single bid was received in the amount of \$10,202,000 from W.M. Schlosser Co, Inc. Following review of the bid and the Engineer's Estimate of Probable Cost, the project was re-advertised due to the receipt of a single bid and a bid price more than double the estimate. MES readvertised the project on November 5, 2021 and reached out to multiple contractors to promote bidder participations and improve/confirm project costs. On December 17, 2021, MES received two bids for the ECI Plant Boiler Fuel Conversion solicitation.



Boiler #2 at ECI Cogeneration Plant (view from front – shows firebox and wood chutes)



Natural Gas Monitoring Station – TidalHealth Peninsula Regional in Salisbury, MD (similar distribution point installation to this contract)

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

BOD Meeting Date

Item:	11	
Туре:	Services over \$250,000	
Group & Division:	Finance	
MES Contract Number:	01-19-1-01-8R	
Project Name:	MES Administration – Financial Audit	
Title/Description:	RSM contract will be renewed for an additional 3 years and will include expanded scope of audit.	
Original Procurement Method: Competitive Sealed Bid		
Contractor:	RSM US, LLP	
Original Term:	3 years - 2019-2022	
Modified Term:	3 additional years - 2022-2025	
Original Amount:	\$120,181	
Modifications to Date:	CO#1 Additional work required by BOD \$10,000 CO#2 Additional work required by BOD \$2,800 CO#3 Expanded Scope of Work due to Reform Act \$29,940.	
Amount of this Change Order #4: \$203,107		
Revised Total Contract Amount: \$366,028		
Client/Fund Source:	Agency Funds	
MBE Participation:	0%	
Remarks:	RSM US, LLP has audited MES Financial Statements for the last 3 years. They are currently completing audit to comply with MES Reform Act. These prices are reasonable and RSM has demonstrated excellent technical expertise during previous audits.	

Billing Rates and Structure

Description of Work/Tasks	F	Y 2022	FY 2023		FY 2024
Description of Worky rusks		LOLL	112025		112021
Annual Audit	\$	42,000	\$ 43,680	\$	45,427
Indirect Rate report	\$	4,000	\$ 4,000	\$	4,000
Single Audit Audit - (fees noted reflect for one major program)	\$	10,000	\$ 10,000	\$	10,000
Other Costs:	\$	-	\$ -	\$	-
Reform act AUP		10,000	10,000		10,000
Total NEW Fees Proposed	\$	66,000	\$ 67,680	\$	69,427
Optional:					
6 Customers report	\$	4,000	\$ 4,000	\$	4,000
Additional Single Audit Program	\$	3,000	\$ 3,000	S	3,000

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

March 31, 2022

Item:	12
Туре:	Supplies over \$200,000
Group & Division:	Environmental Dredging and Restoration (EDR)
MES Contract Number:	1-22-5-13-2
Project Name:	Masonville Dredged Material Containment Facility (DMCF) Supply and Deliver Algaecide for Harmful Algal Blooms.
Title/Description:	BioSafe Systems GreenClean Liquid 5.0 Algaecide
Procurement Method:	Sole Source
Bids/Proposals:	BioSafe Systems- \$273,000
Awarded To:	BioSafe Systems
Amount:	\$273,000
Term:	From Notice to Proceed to December 31, 2022.
Client/Fund Source:	Maryland Department of Transportation Maryland Port Administration, MDOT MPA Masonville Operation and Maintenance Budget 2589.

MBE Goal:

0%

Remarks: The MDOT MPA DMCFs have been experiencing Harmful Algal Blooms (HABs) for consecutive years the Masonville DMCF. A HAB can be toxin producing or is just an overgrowth of algae that disrupts operations (discharging water). Research showed that this product proved effective in treating the HABs. The Masonville DMCF has received an approved Notice Of Intent (NOI) registration #17PE0055 from the Maryland Department of the Environment (MDE) for General Permit 17-PE that allows the use of the BioSafe Systems product. BioSafe Systems is the only company that manufactures the Environmental Protection Agency and MDE-approved GreenClean Liquid 5.0 Algaecide. BioSafe Systems offers MES a discounted price.



PHOTO: Algaecide Totes at the Masonville DMCF ready for application

CONTRACTS, PURCHASE ORDERS, AMENDMENTS AND CHANGE ORDERS FOR BOARD OF DIRECTORS' NOTIFICATION \$25,000 - \$200,000 March 31, 2022

DOCUMENT TYPE		PROCUREMENT METHOD
CONTRACT	1-22-2-20-5 Dundalk Marine Terminal Supply & Delivery of Sulfuric Acid 93% Univar Solutions Inc. \$91,200.00 SBR: No MBE: 0%	Competitive Sealed Bid
CONTRACT	1-22-2-12-5 MD Correctional Institution Hagerstown W Supply & Deliver of DELPAC 2000-as need MD Chemical Co., Inc. \$119,140.00 SBR: No MBE: 0%	
CONTRACT	1-22-3-30-3 MD Dept of Emergency Management GIS Support Services for Hazardous Mitigat AECOM Environment \$61,073.18 SBR: No MBE: 95%	GIS/AS Short List tion Office
CONTRACT	1-22-4-41-3 St. Andrew's Landfill CAP Side Slope Repair Design Geosyntec Consultants \$37,895.00 SBR: No MBE: 0%	A/E Short List
CONTRACT	1-22-3-31-3 State Highway Administration Stormwater Asset Data Management Century Engineering LLC \$101,000.00 SBR: No MBE: 84%	GIS/AS Short List
CONTRACT	1-22-2-29-3 Dorsey Run AWWTP Sludge Dewatering Design Rummel, Klepper & Kahl, LLC \$173,856.87 SBR: No MBE: 29%	A/E Short List

DOCUMENT TYPE

CONTRACT	1-22-4-50-2 Prince George's County Develop a RFP for County Wide Residential Trash Gershman, Brickner & Bratton Inc. \$160,000.00 SBR: No MBE: 0% Sole Source Reason: Due to the county's need to convit without interruption and the contractor's familiarity process, the contractor was selected to prepare the	ontinue its collection system by with the county collection
CHANGE ORDER	 1-20-2-15-5/C.O.#3 Swallow Falls S.P. Water Distribution System Upg Revised SOW & Term Extension Carl Belt Inc. \$494,869.00 (Original Contract Value) BOD Item 5 July 2020; Approved for \$494,869 \$65,909.04 (CO#1) \$15,302.42 (FCO#1 thru 2) \$0.00 (CO#2) \$85,585.27 (This Change Order) Total Value after this Change Order = \$661,665 SBR: NO MBE: 8% 	9.00
PURCHASE ORDERS	PO# 36950 W/WW Statewide Maintenance 2022 Ford F-550 Supercab 4x4 White Apple Ford \$163,065.00	Cooperative Contract
PURCHASE ORDERS	PO# 36895 MD Dept. Agriculture – Avian Influenza Outbreak Mulch Supply Windfield Farm & AG Products \$54,210.00	Emergency
PURCHASE ORDERS	PO# 36806 MD Dept. Agriculture – Avian Influenza Outbreak Double Grind Mulch Talbot County, MD \$35,000.00	Emergency