



ENGINEERING SERVICES COMMITTEE MEETING AGENDA

Commission Chamber

Tuesday, February 13, 2024

1:10 PM

ENGINEERING SERVICES

- 1.** Approve funds for extending the contract with Blair Construction, Inc. to perform asphalt patch repair, concrete curb and sidewalk replacement for the Utilities Department.
- 2.** Approve Amendment No. 11 to the Contract with ESG Operations, Inc. for the Operation of Water Pollution Control Facilities.
- 3.** Motion to approve the minutes of the Engineering Services Committee held on November 28, 2023.
- 4.** Explore the cost and revenue benefits relating to installing red light ticketing cameras in ARC.
(Requested by Commissioner Catherine Smith McKnight)



Engineering Services Committee Meeting

Meeting Date: 2/13/2024

Funds for Asphalt Patch Repair, Concrete Curb and Sidewalk Replacement Contract Extension

Department:	Utilities
Presenter:	Wes Byne, Director
Caption:	Approve funds for extending the contract with Blair Construction, Inc. to perform asphalt patch repair, concrete curb and sidewalk replacement for the Utilities Department.
Background:	These services were contracted through Bid 22-178 and awarded to Blair Construction, Inc. Augusta Utilities Department (AUD) uses these services when repair of underground assets requires removal of asphalt or concrete. By utilizing an on-call contractor, the time is reduced that a road cut or sidewalk cut remains unrestored. Expedient repairs to the roadway and sidewalk limits the potentially negative impact on our customers and community.
Analysis:	Blair Construction has performed well and it would be very beneficial to AUD's operations to exercise the option to extend this contract. AUD requests approval for \$383,000.00 to fund the contract extension in accordance with AUD's budget.
Financial Impact:	\$383,000.00
Alternatives:	No alternatives are recommended.
Recommendation:	Recommend approval of funding in the amount of \$383,000.00 for Utilities Department to extend these contracted services with Blair Construction, Inc.
Funds are available in the following accounts:	Funds are available in account: 506043410-5311920.

REVIEWED AND
APPROVED BY:



**Bid Opening Bid Item #22-178 Asphalt Patch Repair,
Concrete Curb, and Sidewalk Replacement
for Augusta, Georgia- Utilities Department
Bid Due: Thur April 14, 2022 @ 3:00 p.m.**

Total Number Specifications Mailed Out: 13
Total Number Specifications Download (Demandstar): 2
Total Electronic Notifications (Demandstar): 110
Total Georgia Procurement Registry: 859
Total packages submitted: 4
Total Non-Compliant: 2

VENDORS	J & B Construction and Services Inc 3550 Gordon Highway Grovetown, GA 30813	Blair Construction Inc 4308 Evans To Locks Rd. Evans, GA 30809	LEP Contracting LLC 2917 Foxhall Circle Augusta, GA 30907	Georgia-Carolina Paving Company 3020 Milledgeville Rd. Augusta, GA 30904
Attachment B	Yes	Yes	Yes	Yes
Addendum 1	Yes	Yes	Yes	Yes
E-Verify Number	229939	224004	1512510	100183
SAVE Form	Yes	Yes	Yes	Yes
6% Compliance Goal	Yes - Compliant	Yes - Compliant	No - Non Compliant	No - Non Compliant

Bid Form:

Asphalt 2" Thick	\$354,375.00	\$91,000.00	\$103,950.00	\$122,500.00
Curb & Gutter	\$12,150.00	\$10,000.00	\$4,840.00	\$7,000.00
Concrete Sidewalk, 4" Think	\$5,400.00	\$68,600.00	\$49,214.00	\$3,000.00
Graded Aggregate Base	\$27,000.00	\$45,000.00	\$15,400.00	\$200.00
Saw Cutting (when approved by AUG	\$340.00	\$300.00	\$275.00	\$25.00
Mobilization	\$6,480.00	\$12,000.00	\$12,000.00	\$2,000.00
Emergency Mobilization	\$2,700.00	\$5,000.00	\$3,000.00	\$1,300.00
Total	\$408,445.00	\$231,900.00	\$188,679.00	\$136,025.00

PURCHASE ORDER

AUGUSTA, GEORGIA

SUITE 605, PROCUREMENT DEPARTMENT
535 TELFAIR STREET, MUNICIPAL BUILDING 1000
AUGUSTA, GEORGIA 30901-2377
PHONE: (706) 821-2422

Page 1 of 1

Item 1.

PURCHASE ORDER NO.
22AUA122

DATE 01/31/23	DEPARTMENT 043410	VENDOR PHONE # 868-1950	REQUISITION/QUOTE NO. R365441
VENDOR # 2652	E-VERIFY # 224004	EMAIL	PURCHASE ORDER NUMBER ABOVE MUST APPEAR ON ALL INVOICES, SHIPPING PAPERS, AND PACKAGES.

VENDOR BLAIR CONSTRUCTION CO P O BOX 770 EVANS, GA 30809	ATTN: BID NUMBER: 22-178 CONTRACT #: 22AUA122 BUYER: NANCY
---	---

SHIP TO: AUGUSTA UTILITIES ADMIN 452 WALKER STREET SUITE 200 AUGUSTA, GA 30901	BILL TO: AUGUSTA, GEORGIA ACCOUNTING DEPARTMENT, SUITE 800 535 TELFAIR STREET, MUNICIPAL BUILDING 1000 AUGUSTA, GA 30901-2379 (706) 821-2335 ALL INVOICES AND CORRESPONDENCE MUST BE SENT TO ABOVE ADDRESS REGARDLESS OF SHIPPING DESTINATION.
--	---

ITEM #	QUANTITY	UNIT	PRODUCT ID	DESCRIPTION	UNIT PRICE	AMOUNT
0001	1	EACH		ASPHALT PATCH REPAIR, CONCRETE CURB AND SIDEWALK REPLACEMENT APPROVED BY COMMISSION 7/19/22, ITEM #20 506-04-3410/53-11920	231,900.00	231,900.00
0002	1	EACH		CO1: ASPHALT PATCH REPAIR, CONCRETE CURB AND SIDEWALK REPLACEMENT - 1ST OF 3 ONE YEAR OPTIONS APPROVED BY COMMISSION 7/19/22, ITEM #21 506-04-3410/53-11920	231,900.00	231,900.00
0003	1	EACH		CO #2: ASPHALT PATCH REPAIR CONCRETE CURB AND SIDEWALK REPLACE 1ST OF 3 YEARS EXTENTION APPROVED BY COMMISSION 11/7/23, ITEM #25 506-04-3410/53-11920	135,000.00	135,000.00

CORRECTION:
DATE 11/22/23
INITIALS NW

CONDITIONS - READ CAREFULLY

- The purchaser is exempt by statute from payment of Federal, State, and Municipal sales, excise and other taxes
- Shipping charges prepaid by vendor.
- Payment will be made on complete shipments only, unless otherwise requested.
- DELIVERY TICKET MUST ACCOMPANY GOODS.**
- No back orders. We will reorder if available.
- Please make deliveries between 9 A.M. and 4 P.M.
- All goods received with subsequent privilege to inspect and return at Vendor's expense if defective or not in compliance with our specifications.
- Indoor delivery if necessary
- Payment Net 30 or according to contract.

Sent by Tess Thompson 11/28/2023

NET TOTAL..... 598,800.00

APPROVED FOR ISSUE

G.A. Smith

REQUISITIONER

PROCUREMENT DIRECTOR



Engineering Services Committee

Meeting Date: February 13, 2024

ESG Agreement Amendment

Department:	Utilities
Presenter:	Wes Byne
Caption:	Approve Amendment No. 11 to the Contract with ESG Operations, Inc. for the Operation of Water Pollution Control Facilities.
Background:	<p>On December 16, 2009, Augusta and ESG Operations, Inc. (ESG) entered into an Agreement for Operations, Maintenance and Management Services. Attached is a proposed Amendment No. 11 from ESG, which sets forth a 2024 budget (Appendix F) of \$7,480,480.00. The estimated cost of wastewater treatment services for 2024 is \$7,267,680.00. We have also included an allowance of \$212,800.00 to provide for ESG assistance as may be needed at the water treatment facilities and other areas within our system.</p> <p>In addition, the following appendices are also included in this agreement:</p> <p><u>Appendix F-1</u> to this amendment is the reconciliation of forecasted 2023 year actual cost to the projected cost. This cost is estimated to be not more than \$650,000.00. This amount is due to significant increases in operating cost in general and specifically in chemical cost, biosolids processing cost, elevated process loading rates due to periodic events of high strength and high-volume flows resulting in higher than normal energy usage and biosolids production.</p> <p><u>Appendix I</u> \$375,200.00 To assist with inspection of the wastewater collection system including manhole inspections and condition assessment of piping using SL-RAT technology.</p> <p><u>Appendix N</u> \$89,000.00 is for continuation of routine water tank maintenance and inspections that began in 2018.</p>
Analysis:	<p>The proposed budget for the operation of our water pollution control facilities represents a 3.5% average annual rate of increase over the life of this agreement. The projected increases are attributed to increased volumes of flow and organic loading to the treatment process, anticipated chemical cost increases and an increase in solids handling requirements. The additional items included in the appendices provide needed services in our water storage and distribution system as well as our wastewater collection system.</p>
Financial Impact:	<p>\$7,480,480.00 for estimated annual Operation and Maintenance cost.</p> <p>\$1,114,200.00 for additional work as described in Appendixes F-1, I and N.</p>
Alternatives:	Pursue other delivery methods for the proposed additional work. (Not Recommended)
Recommendation:	We recommend approval of Amendment No. 11 to the contract with ESG Operations, Inc. for the Operation of Water Pollution Control Facilities and additional work as described.

Funds are available in 506043310-5211110
the following accounts: 506043410-5211110
506043580-5223211

REVIEWED AND N/A
APPROVED BY:

AMENDMENT NO. 11
to the
AGREEMENT Between
ESG OPERATIONS, LLC
And
AUGUSTA, GEORGIA
For
Operations, Maintenance and Management Services

This Amendment is made and entered into this 1st day of January, 2024, between **AUGUSTA, GEORGIA, by and through the Augusta-Richmond County Commission**, a political subdivision of the State of Georgia (hereinafter "Augusta"), and **ESG OPERATIONS, LLC**, a Georgia corporation, (hereinafter "ESG"). This is Amendment No. 11 to the Agreement dated the 16th day of December 2009, between Augusta and ESG.

NOW THEREFORE, Augusta and ESG agree to amend the Agreement as follows:

REPLACE Article 4.1 with the following new Article:

- 4.1 Augusta shall pay to ESG a base fee equal to the Augusta budget shown in Appendix F. This includes the actual cost of the Scope of Services performed by ESG plus a Management and Administrative Fee. The base fee shall not include services which are not specifically defined by Section 2 of this Agreement. The base fee for this Amendment shall be Six Million Six Hundred Seventy-Nine Thousand Dollars (\$6,679,000.00) and the Management and Administrative Fee shall be Eight Hundred One Thousand Four Hundred and Eighty Dollars (\$801,480.00). The base fee and the Management and Administrative Fee shall be payable in advance in equal monthly installments which shall be Six Hundred Twenty-Three Thousand and Three Hundred Seventy-Three Dollars (\$623,373.00). Said base fee shall be for the period beginning on January 1st, 2024 and ending on December 31st, 2024. Thereafter, the base fee will be negotiated as described in Article 4.2. The Management and Administrative Fee shall increase proportionally with the base fee adjustments described in Articles 4.2 and 4.4.

REPLACE Appendix F with the following new Appendix F.

REPLACE Appendix F1 with the following new Appendix F1.

ADD Appendix I.

REPLACE Appendix N with the following new Appendix N.

All other terms and conditions remain in effect in accordance with the Agreement referenced in this Amendment.

Both parties indicate their approval of this Amendment by signature below.

Authorized signatures:

INRARMARK, LLC
d/b/a ESG Operations

AUGUSTA, GEORGIA

By: _____
Daniel E. Groselle,
Chief Executive Officer

By: _____
Garnett L. Johnson,
Mayor
Date: _____

Date: _____

ATTEST: _____
Clerk of Commission
Date: _____

Appendix F

2024 Project Budget and Staffing Plan

Project Budget

PERSONNEL SERVICES	\$ 2,125,000.00	
ADMINISTRATIVE EXPENSES	\$ 109,000.00	
UTILITIES	\$ 190,000.00	
CHEMICALS	\$ 665,000.00	
MATERIALS & SUPPLIES	\$ 250,000.00	
VEHICLES & EQUIPMENT	\$ 90,000.00	
OUTSIDE SERVICES	\$ 600,000.00	
BIOSOLIDS MANAGEMENT	\$ 1,860,000.00	
MAINTENANCE & REPAIR	\$ 600,000.00	
TOTAL OPERATING BUDGET	\$6,489,000.00	
MANAGEMENT & ADMINISTRATIVE FEE (12%)	778,680.00	
CONTRACTOR'S SUBTOTAL		\$ 7,267,680.00
DIRECTOR'S ALLOWANCE	\$ 190,000.00	
MANAGEMENT & ADMINISTRATIVE FEE (12%)	22,800.00	
DIRECTOR'S ALLOWANCE SUBTOTAL		212,800.00
TOTAL 2024 BUDGET		\$ 7,480,480.00

Appendix F (Continued)
2024 Project Budget and Staffing Plan

Project Staffing Plan

<u>Budgeted Position</u>	<u>Budgeted Number</u>
Project Director	1
Lab/ IPP Manager	1
Operations Manager	1
Maintenance Manager	1
Land Application Manager	1
Operators	11
Lab Analysts	2
IPP Technicians	2
Mechanics	5
Maintenance Support	3
Administrative	2
Education Specialist	2

Appendix F-1

Budget Reconciliation

As provided by the terms of Article 4.2, following the year end reconciliation of the actual cost and the performance of the annual audit associated with the terms of this Agreement for the audited actual costs attributable to the performance of the Scope of Services for Contract Year 2023 including applicable management fees, additional expenditures up to \$650,000 shall be payable upon submission of an invoice.

Appendix I

2024 Sewer Assessment Project Budget

Project Budget	
SL-RAT Deployment	\$335,000.00
ADMINISTRATIVE FEE (12.0%)	\$ 40,200.00
TOTAL 2024 BUDGET	\$ 375,200.00

Subject to the terms here-in, ESG will facilitate the following activities. The collection system will be assessed with the SL-RAT to comply with EPD system assessment requirements. AUD Collections Department will select all locations and scope for deployment of SL-RAT operations. During SL-RAT operations, manholes will be inspected and asset data accuracy verified in GIS. Manhole data collected will be used to assist with the I&I program and infrastructure improvements. When segments consistently have low scores, mains will be cleaned and video recorded. Data will be entered into CityWorks, and repair work orders generated as needed.

Appendix N

2024 Water Tank Management Budget

Project Budget

WATER TANK ROUTINE MAINTENANCE	\$ 89,000.00
TOTAL 2024 BUDGET	<u>\$ 89,000.00</u>

Subject to the terms herein, ESG or its subcontractor shall provide the labor to perform the following tasks (collectively the “Inspection Services”): visual inspections (annual) and washout inspections (bi-annual) of the Tanks for the purpose of reviewing any paint and/or maintenance needs of the identified Tanks of the Owner.

The **Visual Inspection** is completed annually which includes climbing the tank to verify not only coating condition, but safety and sanitary conditions related to maintaining compliance with Georgia EPD regulations. All screens are inspected and replaced yearly as needed, and tank hatches secured to prevent any unauthorized entry. The tank’s legs, rods and connection points, ladders, safety equipment, roof and interior are visually inspected as part of each inspection. The condition is photographed and documented in our CMMS (Computerized Maintenance Management System) and a yearly Condition Assessment report is provided. These inspections are completed while the tank remains in service and they will not cause any interruptions in service.

In addition to the annual Visual Inspection, a bi-annual **Washout Inspection** is completed to perform a complete interior coating inspection. As part of the Washout Inspection, the tank will be drained and removed from service, by the Owner, so that any dirt, sediment, silt, or other foreign matter may be removed from the bowl area by pressure washing at 3500 psi. After cleaning, if any minor areas of corrosion are noted in the tank’s bowl area, they will be repaired at this time. After the inspection is completed, the tank will be disinfected per AWWA C652 and readied for return to service. The bi-annual inspections are documented in our CMMS system and on every other Contract Year will be provided with the Condition Assessment report for that same Contract Year. Typically, this work can be completed in one days’ time, based on the tank being drained and ready for service upon arrival of crew.

Each visual inspection and washout inspection of the Tanks will include a written recommendation of suggested corrective maintenance repairs related to exposed and assessable components such as steel replacement, steel parts, expansion joints, water level indicator, venting, safety climb systems, sway rod adjustments, manhole covers, gaskets and any other components of each tanks which are readily assessable to visual inspection. Inspection Services shall be limited to those tasks which are normally included in routine preventive maintenance inspection practices as provided by members of the storage tanks maintenance profession in the Southeastern United States.

Inspection Services shall not include or encompass the performance by ESG of any inspection related to any portion of the Tanks which is contained below ground, embedded in steel or part of any in-ground valves and piping. The City acknowledges that the Inspection Services to be performed by ESG do not include and are not related to Lead Abatement Procedures or disposal of any Hazardous Waste Materials, nor the detection or mitigation of deterioration of any embedded

structural or non-structural elements encased within any concrete structure which is a part of the Tanks.

Following each inspection the City will receive from ESG inspection reports and photographs describing the condition of any Tank(s). ESG acknowledges that the referenced inspections are not intended to determine the design integrity or structural integrity, inclusive of any latent design or construction defects of the Tanks. In each inspection report (visual or washout), ESG will identify necessary maintenance or repairs of the Tanks, if any, and may perform such maintenance and repairs subject to the terms and conditions of an addendum to this Agreement mutually agreed to and executed by the ESG and City.

The City shall, during the term of the Agreement, provide the following in order to facilitate the performance of the services described by this Exhibit H: a) provide electrical service (110 Volt) to the Tank(s) site; b) provide at a minimum a ¾" water service to any site of a Tank(s) site; and c) provide an access road to any Tank(s) site sufficient for the performance of the Inspection Services by ESG.

The Inspection Services provided by ESG under the terms of this Appendix N are of a professional nature and shall be performed in accordance with the degree of skill and care ordinarily exercised by members of the storage tanks maintenance profession in the Southeastern United States for similar and comparable water storage tanks.

**Engineering Services Committee**

February 13, 2024

Minutes

Department:	N/A
Presenter:	N/A
Caption:	Motion to approve the minutes of the Engineering Services Committee held on November 28, 2023.
Background:	N/A
Analysis:	N/A
Financial Impact:	N/A
Alternatives:	N/A
Recommendation:	N/A
Funds are available in the following accounts:	N/A
<u>REVIEWED AND APPROVED BY:</u>	N/A



ENGINEERING SERVICES COMMITTEE MEETING MINUTES

Commission Chamber

Tuesday, November 28, 2023

1:15 PM

ENGINEERING SERVICES

PRESENT

Mayor Garnett Johnson
Commissioner Alvin Mason
Commissioner Catherine Smith-McKnight
Commissioner Tony Lewis
Commissioner Brandon Garrett

1. Presentation by Mrs. Mariela E. Larry regarding a possible solution to the problem at the Olive Road bridge.

Motion to approve proceeding with procuring the recommendation of the Traffic Engineer for the traffic device for the Olive Road bridge and to allow the Legal Department and Risk Management to study the matter for one month before reporting back to the committee.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Mason, Smith-McKnight, Lewis, Garrett

Motion carries 4-0.

2. Presentation by Ms. Linda Williams regarding trash and litter and the need for a sign and speed bumps at the front entrance of the 3400 block of S. Kensington Drive.

It was the consensus of the committee that this item be received as information without objection.

3. Approval of purchase order to Consolidated Pipe & Supply for 13th Street water line project in amount of \$47,179.35.

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Mason, Smith-McKnight, Lewis, Garrett

Motion carries 4-0.

4. Approval of sole-source purchase order to Consolidated Pipe & Supply for water meter registers for \$39,600.00.

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Mason, Smith-McKnight, Lewis, Garrett

Motion carries 4-0.

5. Discuss approval or denial of Renovation Solution. LLC (RLS) "Consistency Letter" request for Construction & Operation of Renewable Energy (Biofuel) Facility at 1680 Dixon Airline Road, Augusta, Georgia.

Motion to deny the request for the Consistency Letter.

Motion made by Lewis, Seconded by Mason.

Voting Yea: Mason, Smith-McKnight, Lewis

Voting Nay: Garrett

Motion carries 3-1.

6. Motion to determine that the road beginning at the intersection of Doug Barnard Parkway and Newsprint Road, and terminating at Graphic Packaging International, as shown on the attached map, has ceased to be used by the public to the extent that no substantial public purpose is served by it or that its removal from the country road system is otherwise in the best public interest, pursuant to O.C.G.A. § 32-7-2, with the abandoned property to be quit-claimed to the appropriate party(ies), as provided by law and an easement to be retained over the entire abandoned portion for existing or future utilities as directed by Augusta Engineering Department and Augusta Utilities Department.

Motion to approve.

Motion made by Garrett, Seconded by Lewis.

Voting Yea: Mason, Smith-McKnight, Lewis, Garrett

Motion carries 4-0.

7. Motion to approve the minutes of the Engineering Services Committee held on November 14, 2023.

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Mason, Smith-McKnight, Lewis, Garrett

Motion carries 4-0.



Engineering Services Committee

February 13, 2024

Item Name

Department:	N/A
Presenter:	N/A
Caption:	Explore the cost and revenue benefits relating to installing red light ticketing cameras in ARC. (Requested by Commissioner Catherine Smith McKnight)
Background:	N/A
Analysis:	N/A
Financial Impact:	N/A
Alternatives:	N/A
Recommendation:	N/A
Funds are available in the following accounts:	N/A
<u>REVIEWED AND APPROVED BY:</u>	N/A

Lena Bonner

From: Commissioner Catherine Smith-McKnight
Sent: Wednesday, February 7, 2024 7:02 PM
To: Lena Bonner
Subject: Agenda item

Ms Bonner,

I would like to put an agenda item on the Public Safety Committee for Tuesday February 13th to explore the cost and revenue benefits relating to installing red light ticketing cameras in ARC.

Respectfully,

Commissioner McKnight

Get [Outlook for iOS](#)

This e-mail contains confidential information and is intended only for the individual named. If you are not the named addressee, you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. The City of Augusta accepts no liability for the content of this e-mail or for the consequences of any actions taken on the basis of the information provided, unless that information is subsequently confirmed in writing. Any views or opinions presented in this e-mail are solely those of the author and do not necessarily represent those of the City of Augusta. E-mail transmissions cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the content of this message which arise as a result of the e-mail transmission. If verification is required, please request a hard copy version.
AED:104.1

