



Engineering Services Committee
Meeting

Commission Chamber- 5/29/2012- 1:00 PM

ENGINEERING SERVICES

1. Award Design Consultant Services Agreement to Civil Services, Inc. in the amount of 148,823.88 for Broad Street Bridge (Off Ramp to Washington Road over Raes Creek). This Project will be funded through SPLOST PHASE VI for the Engineering Department. ☐ [Attachments](#)
2. Approve construction contract award to Blair Construction in the amount of \$3,237,323.74 for the extension to the Water Distribution System at Fort Gordon's Gate 4. ☐ [Attachments](#)
3. Report from Utilities regarding disposal of sludge at the Landfill. ☐ [Attachments](#)
4. Award the Design Consultant Services Agreement to Moreland Altobelli Associates, Inc., in the amount of \$159,910.00 for the Broad Street Bridge over the Augusta Canal, and the Broad Street Bridge over Hawks Gully. This Project will be funded through SPLOST PHASE VI for AED. ☐ [Attachments](#)
5. Approve Capital Project Budget and Supplemental Agreement Two (CPB#328-041110-211828101) in the amount of \$562,612 for the East Augusta Street and Drainage Improvement Project to Toole Engineers, Inc., for Design Engineering Services. Funding is available in the project budget from SPLOST PHASE VI as requested by AED. ☐ [Attachments](#)
6. Authorize Augusta Utilities to add four new positions to serve Fort Gordon and increasing customer demands. ☐ [Attachments](#)
7. Approve granting Georgia Power an easement for their utilities to provide electrical service to the new Augusta Sheriff's Detention Management Services building at 402 Walton Way, as requested by AED. Also approve having the agreement ☐ [Attachments](#)

executed by the appropriate Augusta official(s).

8. Presentation by Mr. Mike Samadi regarding issues with the garbage collection service and solid waste billing. ☐ [Attachments](#)
9. Motion to approve the minutes of the Engineering Services Committee held on May 7, 2012. ☐ [Attachments](#)
10. Motion to approve an Option for the purposes of acquiring a Right-of-Way between Family Broadcasters, Inc., as owners, and Augusta, Georgia, as optionee, in connection with the East Augusta Roadway and Drainage Improvement Project, 6.9 acres (300,815 sq. ft.) in fee simple and (N/A sq. ft.) of permanent drainage and utility easement, more or less; and (N/A sq. ft.) of temporary construction easement from property located at: 580 Laney Walker Blvd. Ext., private, at the purchase price of \$138,000.00. ☐ [Attachments](#)
11. Authorize the Engineering Department to extend Supplemental Agreement Number Six with Jacobs Engineering Group Inc., to continue to provide project management support via staff augmentation in the amount not to exceed \$172,200 which will be funded from SPLOST Contingency funds for the Engineering Department. ☐ [Attachments](#)
12. Approve Utilities upgrade of Itron 60W Radio Read Transmitters to 100W Radio Read Transmitters. ☐ [Attachments](#)



Engineering Services Committee Meeting

5/29/2012 1:00 PM

11-134 Broad Street Bridge – Off Ramp to Washington Road over Raes Creek

- Department:** Abie L. Ladson, PE, CPESC, Director
- Caption:** Award Design Consultant Services Agreement to Civil Services, Inc. in the amount of 148,823.88 for Broad Street Bridge (Off Ramp to Washington Road over Raes Creek). This Project will be funded through SPLOST PHASE VI for the Engineering Department.
- Background:** The Broad Street Bridge – off ramp to Washington Rd. over Raes Creek structure is in need of major repair and maintenance. It requires painting, sidewalk repairs, expansion joint repairs, lighting repairs, sub-structure and super-structure repairs, barrier repairs, and restoring the historical significance and aesthetics of the structure. Services will consist of a bridge study/report, preliminary and final construction plans, construction contract documents, construction cost and schedule, life cycle cost analyses, field surveys, and construction observation.
- Analysis:** On July 12, 2011, the following firms submitted RFPs and were evaluated based on qualifications, project approach, experience, and schedule: 1. Civil Services, Inc. 2. Cranston Engineering 3. T.Y. Lin International 4. R S & H 5. Moreland Altobelli Associates, Inc. Once the RFPs were evaluated, the three highest scored firms were scheduled for interviews on August 22, 2011. Civil Services, Inc. was selected based on the evaluation procedures used for this project.
- Financial Impact:** Funds are available in SPLOST PHASE VI account number 328-041110 5212115/211828012-5212115 upon Commission approval.
- Alternatives:** 1. Award Design Consultant Services Agreement to Civil Services, Inc. in the amount of 148,823.88 for Broad Street Bridge (Off Ramp to Washington Road over Raes Creek). This Project will be funded through SPLOST PHASE VI for the Engineering Department. 2. Do not approve and cancel project.

Recommendation: Approve alternative number one.

**Funds are Available
in the Following
Accounts:** 328-041110-5212115/211828012-5212115

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

Clerk of Commission

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

Augusta-Richmond County, Georgia

CPB#328-041110-211828012

**CAPITAL PROJECT BUDGET
GENERAL BRIDGE REHAB & MAINTENANCE
Bid Item 11-134**

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby amended:

Section 1: The project change is authorized to CPB# 328-041110-211828012 Broad Street Bridge
-Off Ramp to Washington Rd over Raes Creek to award Design Consultant Services
to Civil Services, Inc in the amount of \$148,823.88.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

Special 1% Sales Tax, Phase VI	\$ 150,000
	\$ 150,000

Section 3: The following amounts are appropriated for the project:

By Basin	By District
Raes Creek \$150,000	3rd \$ 150,000

Section 4: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Fred Russell, Administrator

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

Augusta-Richmond County, Georgia

CPB#328-041110-211828012

**CAPITAL PROJECT BUDGET
GENERAL BRIDGE REHAB & MAINTENANCE
Bid Item 11-134**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SPECIAL 1% SALES TAX, PHASE VI 328-041110-6011110-211828012	(\$150,000)		(\$150,000)
TOTAL SOURCES:	(\$150,000)		(\$150,000)
<u>USE OF FUNDS</u>			
ENGINEERING 328-041110-5212115-211828012	\$150,000		\$150,000
TOTAL USES:	\$150,000		\$150,000



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May 11, 2012

Mr. Abie Ladson, P.E.
Director-Engineering Department
City of Augusta
505 Telfair St.
Augusta, Georgia 30901

Re: RFP Item No. 11-134
Design & Field Engineering Services for Bridge Rehabilitation & Repairs
Final Fee Proposal

Dear Mr. Ladson:

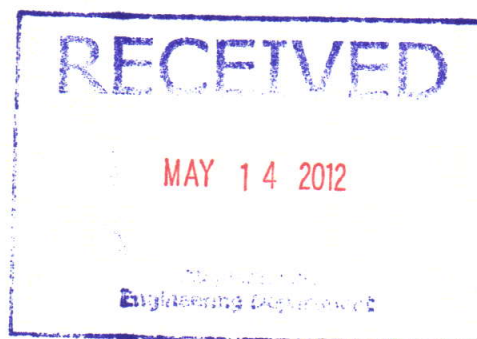
Enclosed is Civil Services, Inc.'s (CSI) Final Fee Proposal for the subject project. We appreciate the opportunity to provide this fee proposal to the City of Augusta – Engineering Department.

We would like to thank the Department for recommending CSI as one of the consultants on this exciting and challenging. We appreciate the opportunity to provide our services to the City of Augusta – Engineering Department. Please feel free to contact me at (904) 641-1834, or via e-mail at cmorse@civilservicesinc.com, if we need to provide you with any additional information.

Sincerely,
CIVIL SERVICES, INC.

A handwritten signature in blue ink, appearing to read 'Chris E. Morse', written over the printed name of Christopher E. Morse.

Christopher E. Morse, P.E.
President



Item # 1



May 11, 2012

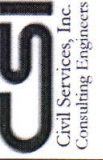
RFP Item No. 11-134

Design & Field Engineering Services for Bridge Rehabilitation & Repairs

FINAL FEE PROPOSAL

Bridge 2 - Broad Street Bridge - Off Ramp to Washington Rd. over Raes Creek

\$ 148,823.88

Augusta Bridge Rehabilitation & Repairs									
Broad Street Off Ramp									
 CSI Civil Services, Inc. Consulting Engineers									
Quantity									
ACTIVITY DESCRIPTION									
Task 1.0 - Project Communications									
Task 1.1 - Kickoff Meeting and Minutes									
Task 1.2 - Kickoff Meeting Final Minutes									
Task 1.3 - Monthly Progress Meetings									
Task 1.4 - Project Schedule - Initial Schedule Preparation									
Task 1.5 - Project Schedule - Update									
Task Totals									
Task 2.0 - Bridge Inspections and Reporting									
Task 2.1 - Site Reconnaissance									
Task 2.1.1 - Inspection Preparation									
Task 2.1.2 - Inspection									
Task 2.2 - Bridge Inspections									
Task 2.3 - Bridge Inspections									
Task 2.4 - Bridge Inspections									
Task 2.5 - Calculable Load Ratings									
Task 2.6 - Draft Inspection Reports									
Task 2.7 - Recommendations									
Task 2.8 - Cost Estimates									
Task 2.9 - Life Cycle Cost Analysis									
Task 2.10 - Life Cycle Cost Analysis									
Task 2.11 - Final Report & Recommendations									
Task 2.12 - OAVQC									
Task Totals									
Task 3.0 - Preliminary Repair Plans									
Task 3.1 - Plan and Elevation									
Task 3.2 - Construction Staging									
Task 3.3 - Construction Staging									
Task 3.4 - End Bent Repair Plans & Details									
Task 3.5 - Pier Repair Plans & Details									
Task 3.6 - Superstructure Repair Plans & Details									
Task 3.7 - Lighting Plans									
Task 3.8 - Field Survey									
Task 3.9 - Field Survey									
Task 3.10 - Utility Accommodations									
Task 3.11 - Specifications									
Task 3.12 - Quantities and Cost Estimate									
Task 3.13 - OAVQC									
Task Totals									
Task 4 - Final Repair Plans									
Task 4.1 - Plan and Elevation									
Task 4.2 - General Notes									
Task 4.3 - Construction Staging									
Task 4.4 - End Bent Repair Plans & Details									
Task 4.5 - Pier Repair Plans & Details									
Task 4.6 - Superstructure Repair Plans & Details									
Task 4.7 - Lighting Plans									
Task 4.8 - Architectural Plans									
Task 4.9 - Utility Accommodations									
Task 4.10 - Specifications									
Task 4.11 - Quantities and Cost Estimate									
Task 4.12 - OAVQC									
Task Totals									
Task 5 - Roadway & Utility Plans									
Task 5.1 - Key Sheet									
Task 5.2 - General Notes/Day Item Notes									
Task 5.3 - Traffic Control Plans									
Task 5.4 - Traffic Control Plan Sheets									
Task 5.5 - Traffic Control Detail Sheets									
Task Totals									
Task 6 - Utilities									
Task 6.1 - Kickoff Meeting									
Task 6.2 - Utility Accommodations (UACO)									
Task 6.3 - Make Utility Contacts									
Task 6.4 - Preliminary Utility Meeting									
Task 6.5 - Individual Field Meetings									
Task 6.6 - Utility Design Meeting									
Task 6.7 - Utility Coordination Group									
Task 6.8 - Utility Coordination Review									
Task 6.9 - Certification/Close Out									
Task Totals									
Task 7 - Engineering Services During Construction									
Task 7.1 - Conduct Project Team Meetings									
Task 7.2 - Construction Observations									
Task Totals									
TOTALS									

ATLANTA CONSULTING ENGINEERS		Chief Engineer	Sr. Engineer	Engineer	Lighting Technician	CADD Technician				
		\$ 159.76	\$ 117.85	\$ 103.24	\$ 81.31	\$ 54.08				
Task 8.0 – Bridge Lighting Plans (Atlanta Consulting Engineers)	Bridges									
PRELIMINARY PLANS										
Photometric Design	1	1	6			3				
Power Company Coordination/Site Visit	1		12							
Direct Costs	1									
Sub Task Totals		1.0	18.0	0.0	0.0	3.0				
FINAL PLANS										
Project Management & Coordination	1	3	6							
Electrical Design, circuiting and voltage drop calculation		1	5			1				
Prepare final plans		1	3			4				
Prepare estimates of lighting quantities			1							
QA/QC		2	1							
Prepare Construction cost estimate	1									
Coordination meetings	1		5							
Sub Task Totals		7	22.0	0.0	0.0	5.0				
Task Totals		8.0	40.0	0.0	0.0	8.0				

TOOLE SURVEY COMPANY		Professional Land Surveyor	Surveying Project Manager	Crew Chief	Instrument Man	Red Man	CADD Technician	Administrative		
		\$171.58	\$ 67.95	\$ 54.96	\$ 36.70	\$ 29.90	\$ 54.36	\$ 45.36		
Surveying (Toole Surveyors)	Bridges									
Task 3.9 - Field Survey	1	2.5	5.0	26.0	26.0	26.0	20.0			
Task Totals										

DICKINSON ARCHITECTS		Principal Architect	Associate Architect	Intern Architect II	Intern Architect I	Quality Control	CADD Technician	Administrative		
		\$ 170.00	\$ 140.00	\$ 120.00	\$ 100.00	\$ 60.00	\$ 50.00	\$ 45.00		
Architecture (Dickinson Architects)	Bridges									
Task 3.8 – Preliminary Architectural Plans	1	12	20	42			40	4		
Reimbursables										
Sub-Task Totals		12	20	42	0	0	40	4		
Task 4.8 - Final Architectural Plans	1	8	10	31			30	4		
Reimbursables										
Sub-Task Totals		8	10	31	0	0	30	4		
Task Totals		20	30	73	0	0	70	8		

Fee Summary by Bridge

Bridge	Fee			
	Concept Development	Design and Construction Plans	Post-Design Services	Total
3 Broad Street Bridge over the Augusta Canal	20,763	29,940	20,740	71,443
4 Broad Street Bridge over Hawks Gully	30,870	37,210	20,387	88,467
TOTAL	51,633	67,150	41,127	159,910

Bridge 3		Hours										Fee		
Personnel (see description below)		A	B	C	D	E	F	G	H	Total Labor Cost		Direct Expenses	Total Cost for Task	Phase Subtotal Cost
Total Labor Rate (per hour)		\$ 150	\$ 140	\$ 120	\$ 100	\$ 90	\$ 85	\$ 75	\$ 55					
Phase I: Concept Development														\$ 20,763
Data Collection of Available Bridge Records		2		4							\$ 780		\$ 780	
Survey, As Required											\$ -	\$ -	\$ -	
Discuss Historical Significance with Engineering Department		4									\$ 600	\$ 173	\$ 773	
Establish Initial List of Actions for Further Evaluation		4		8							\$ 1,560		\$ 1,560	
Conduct Bridge Inspection to Verify and Supplement Existing Data		2		10				32			\$ 3,900	\$ 5,480	\$ 9,380	
Architectural Alternatives		3		8							\$ 1,410		\$ 1,410	
Present Architectural Alternatives to Engineering Department		6		6							\$ 1,620	\$ 260	\$ 1,880	
Prepare Estimate of Life Cycle Cost of Each Item					6						\$ 600		\$ 600	
Prepare Concept Report		4	2	16	3	2		4			\$ 3,580		\$ 3,580	
Revise Concept Report		1	1	2							\$ 530		\$ 530	
Submit Final Concept Report		1		1							\$ 270		\$ 270	
Phase II: Design and Construction Documents														\$ 29,940
Develop Electrical and Lighting Details		1	2			16					\$ 1,870		\$ 1,870	
Develop Structural and Approach Roadway Details		2	10	58				68			\$ 13,760		\$ 13,760	
Develop Architectural Details		2	2	12							\$ 2,020		\$ 2,020	
Develop Landscaping Details		2	2	20							\$ 2,980		\$ 2,980	
Develop Maintenance of Traffic Plans		2	2	16							\$ 2,500		\$ 2,500	
Prepare Engineers Construction Cost Estimate		2	2	2	8	2		2			\$ 1,950		\$ 1,950	
Submit Construction Plans and Draft Specifications for Review		4		10							\$ 1,800		\$ 1,800	
Revise Construction Plans and Special Provisions		2	2	6	2	2		8			\$ 2,280		\$ 2,280	
Submit Final Construction Plans and Specifications for Review		2		4							\$ 780		\$ 780	
Phase III: Post-Design Services														\$ 20,740
Bid Assistance		2		6	6		8				\$ 2,300		\$ 2,300	
Engineering Support and Adjustments		2		6	2		8				\$ 1,900		\$ 1,900	
Measure and Estimate Material In-Place		4							50		\$ 3,350	\$ 2,517	\$ 5,867	
Monitor Federal and State Regulations		2						20			\$ 1,800	\$ 967	\$ 2,767	
Construction Observation		4					24		50		\$ 5,390	\$ 2,517	\$ 7,907	
Total Bridge Fee														\$ 71,443

Bridge 4		Hours										Fee		
Personnel (see description below)		A	B	C	D	E	F	G	H	Total Labor Cost		Direct Expenses	Total Cost for Task	Phase Subtotal Cost
Total Labor Rate (per hour)		\$ 150	\$ 140	\$ 120	\$ 100	\$ 90	\$ 85	\$ 75	\$ 55					
Phase I: Concept Development														
Data Collection of Available Bridge Records		2		4						\$ 780			\$ 780	\$ 30,870
Survey, As Required		2			12			24		\$ 3,300	\$ 1,060		\$ 4,360	
Preliminary Hydraulic and Scour Assessment (Bridge 4 Only)		2	1	32	20			8	10	\$ 7,430	\$ 1,000		\$ 8,430	
Discuss Historical Significance with Engineering Department		4								\$ 600	\$ 173		\$ 773	
Establish Initial List of Actions for Further Evaluation		4		16						\$ 2,520			\$ 2,520	
Conduct Bridge Inspection to Verify and Supplement Existing Data		4		8				20		\$ 3,060	\$ 1,033		\$ 4,093	
Architectural Alternatives		4		16						\$ 2,520			\$ 2,520	
Present Architectural Alternatives to Engineering Department		4		8						\$ 1,560	\$ 173		\$ 1,733	
Prepare Estimate of Life Cycle Cost of Each Item					8					\$ 800			\$ 800	
Prepare Concept Report		3	2	16	4	2		4		\$ 3,530			\$ 3,530	
Revise Concept Report		2	2	3						\$ 940			\$ 940	
Submit Final Concept Report		1		2						\$ 390			\$ 390	
Phase II: Design and Construction Documents														\$ 37,210
Develop Electrical and Lighting Details		2	2			32				\$ 3,460			\$ 3,460	
Develop Structural and Approach Roadway Details		4	8	48				58		\$ 11,830			\$ 11,830	
Develop Architectural Details		4	2	12						\$ 2,320			\$ 2,320	
Develop Scour Repair and Countermeasure Details		4	2	16	8			8		\$ 4,200			\$ 4,200	
Develop Landscaping Details		2	2	24						\$ 3,460			\$ 3,460	
Develop Maintenance of Traffic Plans		3	2	20						\$ 3,130			\$ 3,130	
Prepare Engineers Construction Cost Estimate		4	2	2	16	2		2		\$ 3,050			\$ 3,050	
Submit Construction Plans and Draft Specifications for Review		8		10						\$ 2,400			\$ 2,400	
Revise Construction Plans and Special Provisions		4	2	6	2	2		8		\$ 2,580			\$ 2,580	
Submit Final Construction Plans and Specifications for Review		2		4						\$ 780			\$ 780	
Phase III: Post-Design Services														\$ 20,387
Bid Assistance		4		8	8			8		\$ 3,040			\$ 3,040	
Engineering Support and Adjustments		2		6	2			8		\$ 1,900			\$ 1,900	
Measure and Estimate Material In-Place		4							40	\$ 2,800	\$ 1,933		\$ 4,733	
Monitor Federal and State Regulations		4						24		\$ 2,400	\$ 1,240		\$ 3,640	
Construction Observation		6							40	\$ 5,140	\$ 1,933		\$ 7,073	
Total Bridge Fee								24						\$ 88,467

PERSONNEL CATEGORIES	
A	Project Manager
	Bridge Architect
	Roadway Engr. Lead
B	QA/QC Mngr.
C	Roadway Engineer
	Bridge Preservation Engineer
	Hydraulics/Hydrology Lead
	Bridge Engr. Lead
	Bridge Engineer
	Landscape Architect
D	Traffic Signal Engr.
	Lead Geotechnical and Matl. Testing Engr
	Estimator / Scheduler
	Survey Crew (2 man)
E	Electrical Engr.
	Lighting Engr.
F	Utility Coordination Lead
	Construction Support Lead
G	NBIS Bridge Inspector
	Registered Surveyor
	Survey Lead
	Environmental Lead -Ecology
	Roadway Engineer
	Bridge Engineer
	Environmental Lead -History
H	Geotechnical & Matls Testing Engr
	Construction Inspector



**Design & Field Engineering Services for
Bridge Rehabilitation & Repairs, RFP #11-134**

Fee Proposal

Professional	Services	Rate
Shrujal Amin, PE	Roadway Engineering	\$120.00
Robert Bass, PE – Hartrampf	Bridge Preservation Engineer	\$120.00
Jerry Brinson	Local Liaison	\$0.00
Russell Claxton, AIA	Bridge Architect	\$150.00
Jerry Cooper	NBIS Bridge Inspections	\$75.00
William Dial, PE	Hydraulics/Hydrology Lead	\$120.00
Donald Flynn, PE	Bridge Engineering Lead	\$120.00
David Graham, PE	QA/QC	\$140.00
Buddy Gratton, PE	Principal-in-Charge	\$0.00
Brad Hale, PE	Roadway Engineering Lead	\$150.00
Stan Jaworski	Utility Coordination Lead	\$85.00
Steven Jing, PE	Bridge Engineering	\$120.00
Ronnie Joiner, RLS	Survey	\$75.00
Don Jones, RLS	Survey Lead	\$75.00
Chris Kingsbury, RLA	Landscape Architecture	\$120.00
Clyde Knox	Construction Support Lead	\$85.00
Mark McClain	Environmental/Permitting-Ecology	\$75.00
Joseph McGrew, PE	Project Manager	\$150.00
Bret Padgett, EIT	Roadway Engineering	\$75.00
Patrick Pecot, PE	Bridge Engineering	\$75.00
Bill Ruhsam, PE, PTOE	Traffic Signals	\$100.00
Jay Shah	Geotechnical Engineering and Materials Testing	\$55.00
Yong Shao, PhD, PE	Geotechnical Engineering and Materials Testing	\$100.00
M.J. Sheehan, PE	Estimates/Schedules	\$100.00
Michael Wilson	Environmental/Permitting-History	\$75.00
Construction Inspectors (as required)	Construction Support	\$55.00
2-man survey crew	Survey	\$100.00
Electrical Engineer – Ray Group	Electrical	\$90.00
Lighting Engineer – EDT	Lighting	\$120.00

Assumptions:

1	The fee estimate assumes that both bridges will be authorized for design within the same time frame, allowing for the possibility of concurrent design.
2	Survey at bridge 4 has been assumed for hydraulic analysis.
3	In terms of the engineering effort, the scour countermeasure design at bridge 4 is assumed to be Rip Rap or similar.
4	The fee estimate for Bridge 3, Broad Street over Augusta Canal, assumes that the condition of the concrete and reinforcing steel in the bridge is such that repairs can be achieved economically. This estimate does not cover replacement of the entire bridge or partial replacement of major components such as end bents or intermediate bents. This conformation will be made during the concept phase initial inspection, sampling and testing.

Table No. 1

Table NO. 1		1		2		3		4		5	
Bridge		Broad Street Bridge (on-ramp) over Rae's Creek		Broad Street Bridge (off-ramp) over Rae's Creek		Broad Street Bridge over the Augusta Canal		Broad Street Bridge over Hawks Gully		15th Street Bridge over the Augusta Canal	
Serial Number		245-0026-0		245-0027-0		245-0025-0		245-0024-0		245-0074-0	
Location ID		245-02720X-000.12E		245-02678X-000.08S		245-02720X-001.35E		245-02720X-001.85E		245-01498X-000.30E	
Route		CR 2720		CR 2720		CR 2720		CR 2720		CR 1499	
GDOT Bridge Inspection Summary											
GDOT inspection summary		This bridge structure is in fair condition with corrosion of the steel superstructure components. The steel beams and bearings throughout the structure should be cleaned and painted. Spalls in the end walls at the abutments, and in the edge beams at bents #2 and #3, should be repaired. The deck joints throughout the structure have failed and should be cleaned and sealed. Extensive cracks throughout the concrete deck and in the sidewalk should also be sealed. Spalls in the concrete deck surface of spans #2 and #3 should be repaired to protect the reinforcement steel from corrosion. Dirt accumulated on the substructure caps should be removed. The catch basins are also clogged with dirt and debris which should be removed.		This bridge structure is in fair condition with general deterioration throughout the entire structure, primarily due to age. Cracks in the sidewalks, bridge railing, and beams #1 and #6 in span #1 should be sealed.		This bridge structure is in fair condition with corrosion of the steel superstructure members. The steel beams and bearings should be cleaned and painted. The anchor bolts of beams #1 and #10 at both abutments have section loss and should be cleaned, inspected and repaired. Extensive cracks in the concrete caps and columns throughout the structure should be sealed. Spalls in the sidewalk at bent #2 should also be repaired. Exposed reinforcement steel in the sidewalks and end walls should be cleaned and sealed to inhibit corrosion. The deck joints throughout the structure have failed and should be cleaned and sealed. Dirt accumulated on the substructure caps should be removed. Two utility poles, that are mounted on the sidewalk, have incurred collision damage and should be repaired.		This bridge structure is in fair condition but has severe scour at both abutments that should be repaired. Approximately 4 feet of scour at the east abutment has exposed 13 of the steel foundation piles. The scour extends past the abutments, beneath the approach roadway, and should be repaired. Both banks should be rebuilt and protected with rip rap to prevent loss of fill and possible failure of the roadway. Old abutments, from a previous structure, are leaning toward the creek. If these old abutments collapse, at least 3 flood gates will be blocked and more severe scour could occur. The old walls should be closely monitored for signs of further distress. Erosion at the eastern abutment wing wall should also be repaired. The steel beams throughout the structure are corroded and should be cleaned and painted. The deck joints have failed and should be cleaned and sealed. Drift at the flood gates should be removed to prevent further accumulation and scour.		This concrete bridge structure is in fair condition with general age deterioration throughout. Repairs performed by Augusta Richmond county have addressed previously reported structural deficiencies. However, additional areas have begun to deteriorate. Spalled areas, with exposed steel reinforcement, throughout the structure should be repaired.	

Table No. 2

Table NO. 2		1	2	3	4	5
Bridge	Broad Street Bridge (on-ramp) over Rae's Creek	Broad Street Bridge (off-ramp) over Rae's Creek	Broad Street Bridge over the Augusta Canal	Broad Street Bridge over Hawks Gully	15th Street Bridge over the Augusta Canal	
	Serial Number	245-0026-0	245-0027-0	245-0025-0	245-0024-0	245-0074-0
	Location ID	245-02720X-000.12E	245-02678X-000.08S	245-02720X-001.35E	245-02720X-001.85E	245-01499X-000.30E
	Route	CR 2720	CR 2720	CR 2720	CR 2720	CR 1499
MA Bridge Observations						
Additional observations from MAAI site visit 6/24/2011	Bridge is a 3 span steel beam — simple span. The deck is spalled and cracked and in poor shape. Joints need to be replaced. Sidewalk needs to be repaired approaching the bridge. Beams and bearings should be painted and anchor bolts should be replaced.	2 span concrete arch. Due to asphalt overlay no curb to sidewalk. Sidewalk on north side of bridge has the top of "U" hangers on walking surface. Asphalt overlay. Bottom of deck not accessible. Barrier needs minor repair. 6 lights on bridge, 2 at each bent. Minor erosion at end bent. Utilities hanging on both sides of bridge.	3 span steel beam — simple span. Asphalt overlay on deck but deck appears to be in good shape for visual inspection underneath. Joints at overlay in bad shape. Two poles in middle of sidewalk with power and/or lights. Beams/bearing in need of painting. Substantial cracking along end bent caps and back walls (No spalls were visible). If it is necessary to encase the cap and repair back wall, it might be necessary to close portions of the road during construction. Intermediate bent caps with substantial cracking with the worse locations at the overhang. This is the most critical repair needed. Sidewalks and lights approaching the bridge need repair. Current streetscape project just north of the bridge is upgrading most of the lights. Will want to match these lights. Landscaping same as others.	One span plate girder. Lights on each corner of bridge will probably need work. Major Hydro issues. End bents/walls left in place from previous bridge and appear to be creating erosion problems at existing bridge end bents. Previous end bent walls need to be removed and new walls installed. A hydro analysis could be useful in assessing scour potential and countermeasures. Sidewalks on bridge need repairs. Superstructure in good shape. Beams need painting. Landscaping the four corners of the bridge would add to the look.	3 span concrete arch, 4 lane with sidewalks. Erosion at SE end bent. Sheet piling in place but has failed. Hand Rail in need of replacement. Several locations where sections where cracked through. Asphalt overlay on bridge, could not see deck from underneath. No curb to sidewalk due to asphalt overlay. Two lights were added at center span, not original. Bridge has extreme crown, with limited sight distance. Lights help this condition, but should be replaced with something more aesthetic. Several locations were wiring is exposed. Consider upgrade of wiring and redo lights. Sidewalks approaching bridge need repair. Major waterline on east side of bridge. Landscaping the four corners of this bridge would add to the look.	

Table No. 3

Bridge	1	2	3	4	5
	Broad Street Bridge (on-ramp) over Rae's Creek	Broad Street Bridge (off-ramp) over Rae's Creek	Broad Street Bridge over the Augusta Canal	Broad Street Bridge over Hawks Gully	15th Street Bridge over the Augusta Canal
Serial Number	245-0026-0	245-0027-0	245-0025-0	245-0024-0	245-0074-0
Location ID	245-02720X-000.12E	245-02678X-000.08S	245-02720X-001.35E	245-02720X-001.85E	245-01495X-000.30E
Route	CR 2720	CR 2720	CR 2720	CR 2720	CR 1499

Possible Actions for further study as suggested in the GDOT Inspection Report or from Moreland Altobelli Observations

Rehabilitation: Major work required to restore the structural integrity of the bridge or to correct major safety defects.				repair severe scour at abutment 1. Fill void under abutment to stabilize piling. Rebuild and rip rap bank.	
				repair severe scour at abutment 2. Fill void under abutment to stabilize piling. Rebuild and rip rap bank.	
			replace anchor bolts beam 1 & 10, abutment 1 and 4.		
	MA: replace anchor bolts		MA: replace anchor bolts		
			MA: investigate need to encase abutment 1 & 4 caps and repair backwall		
Aesthetic or Safety Enhancement			MA: investigate need to encase bent 2 and 3 caps.		
		MA: consider removing deck overlay		investigate/remove old abutment wall	MA: consider removing deck overlay
		MA: investigate utility alternatives			MA: investigate utility alternatives MA: replace hand rail with architecturally suitable replacement.
					MA: replace lights at center of bridge with architecturally suitable replacement.
			MA: investigate replacing lights to match adjacent project to north.	MA: investigate replacing lights at 4 corners of bridge.	
Preventive Maintenance: Cost-effective treatment that preserves the bridge, retains future deterioration and/or maintains or improves the functional condition of the bridge.			Investigate utility pole on sidewalk and replace as a minimum.	MA: landscape 4 corners of bridge	MA: landscape 4 corners of bridge
	clean and paint all steel beams		clean and paint all steel beams	remove accumulation of drift	MA: repair sidewalk approaching bridge
	clean and paint all steel bearings		clean and paint all steel bearings	MA: investigate need for hydrologic and scour analysis	general spall repair throughout
	repair spalls abutment 1 end wall		repair spalls in bridge railing	clean and paint all steel beams	MA: repair erosion at SE end bent
	repair spalls abutment 4 end wall		clean and seal abutment 1 deck joint	clean and seal abutment 1 deck joint	MA: replace electrical wiring
	repair spalls bent 2 edge beam	span 1	clean and seal bent 2 deck joint	clean and seal abutment 2 deck joint	
	repair spalls bent 3 edge beam	span 1	clean and seal bent 3 deck joint	MA: seal cracks in sidewalks	
		MA: correct U hanger on sidewalk issue			
	clean and seal abutment 1 deck joint		clean and seal abutment 4 deck joint	repair erosion at east abutment wing	
	clean and seal bent 2 deck joint		seal cracks in sidewalks		
	clean and seal bent 3 deck joint		clean cap abutment 1		
	clean and seal abutment 4 deck joint		clean cap bent 2		
	seal cracks in deck		clean cap bent 3		
	MA: consider polycarb overlay		clean cap abutment 4		
	seal cracks in sidewalks		seal cracks in cap and columns, abutment		
	repair concrete deck surface span 2		seal cracks in cap and columns, bent 2		
	repair concrete deck surface span 3		seal cracks in cap and columns, bent 3		
	clean cap abutment 1		seal cracks in cap and columns, abutment 4		
	clean cap bent 2		MA: repair sidewalk approaching bridge		
	clean cap bent 3		MA: replace electrical wiring		
	MA: repair sidewalk approaching bridge				

REQUEST FOR PROPOSALS

Request for Proposals will be received at this office until Tuesday, July 12, 2011 @ 3:00 P.M. for furnishing:

**RFP ITEM #11-134 Design & Field Engineering Services for Bridge Rehabilitation & Repairs
for Engineering Department**

RFPs will be received by: The Augusta Commission hereinafter referred to as the OWNER at the offices of:

Gerri A. Sams, Director
Augusta Procurement Department
530 Greene Street - Room 605
Augusta, Georgia 30901

RFP documents may be viewed on the Augusta Richmond County web site under the Procurement Department **ARCbid**. RFP documents may be obtained at the office of the Augusta, GA Procurement Department, 530 Greene Street – Room 605, Augusta, GA 30901. Documents may be examined during regular business hours at the offices of Augusta, GA Procurement Department. **All questions must be submitted in writing by email to procbidandcontract@augustaga.gov to the office of the Procurement Department by Tuesday, June 21, 2011 @ 5:00 P.M. No RFP will be accepted by fax, all must be received by mail or hand delivered.**

The local bidder preference program is applicable to this project. To be approved as a local bidder and receive bid preference on an eligible local project, the certification statement as a local bidder and all supporting documents must be submitted to the Procurement Department with your bonafide bid package.

No RFP may be withdrawn for a period of 90 days after time has been called on the date of opening.

An invitation for bids shall be issued by the Procurement Office and shall include specifications prepared in accordance with Article 4 (Product Specifications), and all contractual terms and conditions, applicable to the procurement. All specific requirements contained in the invitation to bid including, but not limited to, the number of copies needed, the timing of the submission, the required financial data, and any other requirements designated by the Procurement Department are considered material conditions of the bid which are not waiveable or modifiable by the Procurement Director. Please mark RFP number on the outside of the envelope.

Bidders are cautioned that sequestration of RFP documents through any source other than the office of the Procurement Department is not advisable. Acquisition of RFP documents from unauthorized sources places the bidder at the risk of receiving incomplete or inaccurate information upon which to base his qualifications.

Funding for this project may include federal funds provided by the U. S. Department of Transportation (DOT) and/or other federal agencies. All DOT funded projects are subject to the requirements of 49 CFR Part 26. These requirements are mandatory and non-negotiable. Augusta enforces Disadvantage Business Enterprise (DBE) requirements and/or DBE goals set by Federal and/or State Agencies in accordance with State and Federal laws. Please be advised that the U. S. District Court for the Southern District of Georgia has entered on Order enjoining the Race-Based portion of Augusta, Georgia's DBE Program. Thus, Augusta, Georgia does not have or operate a DBE, MBE or WBE Program for projects (or portions of projects) having Augusta, Georgia as the source of funding.

GERI A. SAMS, Procurement Director

Publish:

Augusta Chronicle	May 26, June 2, 9, 16, 2011
Metro Courier	June 1, 2011

cc:	Tameka Allen	Interim Deputy Administrator
	Abie Ladson	Engineering Department
	Hameed Malik	Engineering Department

RFP Item #11-134 Design & Field Engineering Services for Bridge Rehabilitation & Repairs for the City of Augusta - Engineering Department RFP Due: Tuesday, July 12, 2011 @ 3:00 P.M.					
VENDORS	Attachment B	Addendum	Original	9 Copies	Fee Proposal
Civil Services Inc 2394 St Johns Bluff Rd South Jacksonville, FL 32246	Yes	Yes	Yes	Yes	Yes
Cranston Engineering Old Engine Co. No. 1 Bldg 452 Ellis Street Augusta, GA 30901	Yes	Yes	Yes	Yes	Yes
Moreland Altobelli Associates, Inc 2211 Beaver Ruin Road, Suite 100 Norcross, GA 30071	Yes	Yes	Yes	Yes	Yes
RS&H 730 Peachtree Street, Suite 430 Atlanta, GA 30308	Yes	Yes	Yes	Yes	Yes
T Y Lin International 260 Peachtree Street, Suite 900 Atlanta, GA 30303	Yes	Yes	Yes	Yes	Yes
Heath & Lineback Engineering Inc 209 Corporate Dr. Suite 300 Carrollton, GA 30117	Non-Compliant Missing E-Verify Number				
ZEL Engineers 435 Telfair Street Augusta, GA 30901	Submitted No Bid Response				
A & S Engineering P. O. Box 2413 Evans, GA 30809					
AECOM 1360 Peachtree St Ne Ste 500 Atlanta, GA 30309					
Archetype Design 4860 Leisure Drive Dunwoody, GA 30338					
Atkins Global 1600 River Edge Parkway Atlanta, GA 30328					
BRPH, Inc. 2000 Powers Ferry Rd., Suite 600 Marietta, GA 30067					
EMC Engineering Services 4106 Colbern Blvd, Suite 105 Evans, GA 30809					
Enercon 500 Townpark Lane, Suite 275 Kennesaw, GA 30144					
HO & K 191 Peachtree St. NE, Suite 4100 Atlanta, GA 30303					
Hussey, Gay, Bell & Deyoung Int. 625 Green Street, Ne Gainesville, GA 30501					
Johnson Laschober & Associates 1296 Broad Street Augusta, GA 30901					Item # 1

RFP Item #11-134
Design & Field Engineering Services for Bridge Rehabilitation & Repairs
for the City of Augusta - Engineering Department
RFP Due: Tuesday, July 12, 2011 @ 3:00 P.M.

VENDORS	Attachment B	Addendum	Original	9 Copies	Fee Proposal
Krafra 418 8th Street Augusta, GA 30901					
Lindsay, Pope, Brayfield, Clifford & Associates, Inc. 344 West Pike Street Lawrenceville, GA 30046					
Lord, Aeck & Sargent 1201 Peachtree St, Ne Ste 300 Atlanta, GA 30361					
Munger Associates Consulting 596 Links Lane Martinez, GA 30907					
Parsons Brinckerhoff 3340 Peach Tree Road NE Ste 2400 Tower Place 100 Atlanta GA 30326					
PBS & J 5665 New Northside Dr. Suite 400 Atlanta, GA 30328					
Pond & Company 3500 Parkway Lane, Suite 600 Norcross, GA 30092					
Rosser International 524 W Peachtree St. NW Atlanta, GA 30308					
S. L. King Technologies 270 Peachtree St, NW, Suite 1600 Atlanta, GA 30303					
Southern Partners 1233 Augusta West Parkway Augusta, GA 30909					
Stewart-Cooper-Newell 719 E. Second Avenue Gastonia, NC 28504					
The Polote Co. 1810 Mill B Lane Savannah, GA 31405					
TVS Design 2700 Promenade Two 1230 Peachtree St., NE Atlanta, GA 30326					
W. K. Dickson 1450 Greene St. Suite 225 Augusta, GA 30901					
Warren Epstein & Associates 1785 Chesire Bridge Rd., Ne Atlanta, GA 30324					
Wilbur Smith Associates 2835 Brandywine Rd Ste 400 Atlanta GA 30341					
WR Toole Engineers 1005 Broad Street Augusta, GA 30901					Item # 1



ENGINEERING DEPARTMENT

Abie L. Ladson, PE
Director

Steven J. Cassell, PE, PTOE
Assistant Director Traffic Engineering

MEMORANDUM

TO: Geri Sams, Director of Procurement

FROM: Abie L. Ladson, PE, Director Engineering Department

DATE: February 16, 2012

SUBJECT: Design and Field Engineering Services for Bridge Rehabilitation and Repairs
 Bid Item # 11-134
 Project Number:
 File reference: 08-014(A)

Ms. Sams,

It is the recommendation of the Engineering Department to award the subject construction contract in the following manner:

Bridge #1, Broad Street On-Ramp: Cranston Engineering Group
 Bridge #2, Broad Street Off-Ramp: CSI
 Bridge #3, Broad Street over Augusta Canal: Moreland Altobelli and Associates
 Bridge #4, Broad Street over Hawks Gully: Moreland Altobelli and Associates
 Bridge #5, 15th Street over Augusta Canal: Cranston Engineering Group

If you have any questions, or concerns please e-mail me, or give me a call.

Thank You,

17 FEB '12 PM 1:45

ALL/scm

Attachments

cc: Phyllis Mills, Quality Assurance Analyst
 Steven J. Cassell, PE, PTOE, Assistant Director – Traffic Engineering
 Hameed Malik, PhD., PE, Assistant Director Engineering

File

Traffic Engineering Section
 328 Riverfront Drive - Augusta, GA 30901
 (706) 821-1841 – Fax (706) 821-1724
 WWW.AUGUSTAGA.GOV

Item # 1

FYI: Process Regarding Request for Proposals

Sec. 1-10-51. Request for proposals.

Request for proposals shall be handled in the same manner as the bid process as described above for solicitation and awarding of contracts for goods or services with the following exceptions:

- (a) Only the names of the vendors making offers shall be disclosed at the proposal opening.
- (b) Content of the proposals submitted by competing persons shall not be disclosed during the process of the negotiations.
- (c) Proposals shall be open for public inspection only after the award is made.
- (d) Proprietary or confidential information, marked as such in each proposal, shall not be disclosed without the written consent of the offeror.
- (e) Discussions may be conducted with responsible persons submitting a proposal determined to have a reasonable chance of being selected for the award. These discussions may be held for the purpose of clarification to assure a full understanding of the solicitation requirement and responsiveness thereto.
- (f) Revisions may be permitted after submissions and prior to award for the purpose of obtaining the best and final offers.
- (g) In conducting discussions with the persons submitting the proposals, there shall be no disclosure of any information derived from the other persons submitting proposals.

Sec. 1-10-52. Sealed proposals.

- (a) *Conditions for use.* The competitive sealed proposals method may be utilized when the Augusta, Georgia Administrator approves the written justification of the Procurement Director or using agency head that the sealed bid method is not in the best interest of Augusta, Georgia. Generally, this method may be used when competitive sealed bidding (involving the preparation of detailed and specific specifications) is either not practicable or not advantageous to Augusta, Georgia. Augusta, Georgia is not restricted from using alternative procurement methods for obtaining the best value on any procurement, such as Construction Management at Risk, Design/Build, etc.
- (b) *Request for proposals.* Competitive sealed proposals shall be solicited through a request for proposals (RFP).

- (c) *Public notice.* Adequate public notice of the request for proposals shall be given in the same manner as provided in section 1-10- 50(c)(Public Notice and Bidder's List); provided the normal period of time between notice and receipt of proposals minimally shall be fifteen (15) calendar days.
- (d) *Pre-proposal conference.* A pre-proposal conference may be scheduled at least five (5) days prior to the date set for receipt of proposals, and notice shall be handled in a manner similar to section 1-10-50(c)-Public Notice and Bidder's List. No information provided at such pre-proposal conference shall be binding upon Augusta, Georgia unless provided in writing to all offerors.
- (e) *Receipt of proposals.* Proposals will be received at the time and place designated in the request for proposals, complete with bidder qualification and technical information. No late proposals shall be accepted. Price information shall be separated from the proposal in a sealed envelope and opened only after the proposals have been reviewed and ranked.

The names of the offerors will be identified at the proposal acceptance; however, no proposal will be handled so as to permit disclosure of the detailed contents of the response until after award of contract. A record of all responses shall be prepared and maintained for the files and audit purposes.

- (f) *Public inspection.* The responses will be open for public inspection only after contract award. Proprietary or confidential information marked as such in each proposal will not be disclosed without written consent of the offeror.
- (g) *Evaluation and selection.* The request for proposals shall state the relative importance of price and other evaluation factors that will be used in the context of proposal evaluation and contract award. (Pricing proposals will not be opened until the proposals have been reviewed and ranked). Such evaluation factors may include, but not be limited to:
 - (1) The ability, capacity, and skill of the offeror to perform the contract or provide the services required;
 - (2) The capability of the offeror to perform the contract or provide the service promptly or within the time specified, without delay or interference;
 - (3) The character, integrity, reputation, judgment, experience, and efficiency of the offeror;
 - (4) The quality of performance on previous contracts;
 - (5) The previous and existing compliance by the offeror with laws and

ordinances relating to the contract or services;

- (6) The sufficiency of the financial resources of the offeror relating to his ability to perform the contract;
 - (7) The quality, availability, and adaptability of the supplies or services to the particular use required; and
 - (8) Price.
- (h) *Selection committee.* A selection committee, minimally consisting of representatives of the procurement office, the using agency, and the Administrator's office or his designee shall convene for the purpose of evaluating the proposals.
- (i) *Preliminary negotiations.* Discussions with the offerors and technical revisions to the proposals may occur. Discussions may be conducted with the responsible offerors who submit proposals for the purpose of clarification and to assure full understanding of, and conformance to, the solicitation requirements. Offerors shall be accorded fair and equal treatment with respect to any opportunity for discussions and revision of proposals and such revisions may be permitted after submission and prior to award for the purpose of obtaining best and final offers. In conducting discussions, there shall be no disclosure of information derived from proposals submitted by competing offerors.
- (j) From the date proposals are received by the Procurement Director through the date of contract award, no offeror shall make any substitutions, deletions, additions or other changes in the configuration or structure of the offeror's teams or members of the offeror's team.
- (k) *Final negotiations and letting the contract.* The Committee shall rank the technical proposals, open and consider the pricing proposals submitted by each offeror. Award shall be made or recommended for award through the Augusta, Georgia Administrator, to the most responsible and responsive offeror whose proposal is determined to be the most advantageous to Augusta, Georgia, taking into consideration price and the evaluation factors set forth in the request for proposals. No other factors or criteria shall be used in the evaluation. The contract file shall contain a written report of the basis on which the award is made/recommended. The contract shall be awarded or let in accordance with the procedures set forth in this Section and the other applicable sections of this chapter.

Bidders List

Bid Item # 11-134Cost \$ 0

#	Company Name	Complete Mailing Address	Date	Spec. #	Initials	Mailed by
1	ATTN: SANDIE VANVALKENBURG ZEL ENGINEERS 435 TELFAIR STREET AUGUSTA GA 30901		5/27/11		SP	Pick up
2						
3						
4	Brian K. Adams, P.E., S.E. Heath & Lineback Engineers, Inc. 209 Corporate Drive, Suite 300 Carrollton, GA 30117 Voice: 770.722.7631 Fax: 770.424.2907 badams@heath-lineback.com		5/31/11		SP	U.S. Mail
5						
6						
7	WILBUR SMITH ASSOCIATES ATTN CHERYL K RILEY 2835 BRANDYWINE RD., SUITE 400 ATLANTA GA 30341-5540 Direct 678.244.0248 - o: 770.936.8650 - fax: 770.936.8656		6/1/11		SP	U.S. Mail
8						
9						
10	 Parsons Brinckerhoff 3340 Peachtree Road, N.E. Suite 2400 - Tower Place 100 Atlanta, GA 30326-1087 Main: 404-237-2115 Direct: 404-364-2407 Fax: 404-237-3015 wooten@pbworld.com Michael K. Wooten, PE Project Manager Lead Engineer 		6/16/11		SP	Pick up
11						
12						
13	ENERCON ATTN CYNDI ROMERO 500 TOWNPARK LANE, SUITE 275 KENNESAW GA 30144 770-590-2122		6/21/11		SP	U.S. Mail
14						
15						
16						

TVS DESIGN
2700 PROMENADE TWO
1230 PEACHTREE ST., NE
ATLANTA, GA 30309

ATTN: MARK VIDEKOVICH
BRPH, INC.
2000 POWERS FERRY RD., SUITE 600
MARIETTA, GA 30067

ATTN: MICHAEL A. CLIFFORD
LINDSAY, POPE, BRAYFIELD, CLIFFORD
& ASSOCIATES, INC.
344 WEST PIKE STREET
LAWRENCEVILLE, GA 30046

ATTN: DOUG STRAUGHAN
HUSSEY, GAY, BELL & DEYOUNG INT.
625 GREEN STREET, NE
GAINESVILLE, GA 30501

ATTN: KYLE F. EPSTEIN
WARREN EPSTEIN & ASSOCIATES
1785 CHESIRE BRIDGE RD., NE
ATLANTA, GA 30324

ATTN: SCOTT WILLIAMS
CRANSTON ENGINEERING
OLD ENGINE CO. NO. 1 BLDG
452 ELLIS STREET
AUGUSTA, GA 30901

THE POLOTE CO.
1810 MILL B LANE
SAVANNAH, GA 31405

ATTN: TREY WINGATE
W. K. DICKSON
1450 GREENE ST. SUITE 225
AUGUSTA, GA 30901

T Y LIN INTERNATIONAL
260 PEACHTREE STREET
SUITE 900
ATLANTA, GA 30303

ATTN: TONY JOHNSON
AECOM
1360 PEACHTREE ST NE STE 500
ATLANTA GA 30309

P M & A CONSULTING ENGINEERS
609 BROAD STREET
AUGUSTA, GA 30901
RETURNED MAIL

ATTN: PHILLIP GREENE
SOUTHERN PARTNERS
1233 AUGUSTA WEST PARKWAY
AUGUSTA, GA 30909

ATTN: BOB MUNGER
MUNGER ASSOCIATES CONSULTING
596 LINKS LANE
MARTINEZ, GA 30907

ATTN: TONY AECK
LORD, AECK & SARGENT
1201 PEACHTREE ST, NE STE 300
ATLANTA, GA 30361

PBS & J
5665 NEW NORTHSIDE DR. SUITE 400
ATLANTA, GA 30328

ATTN: RICHARD LASCHOB
JOHNSON LASCHOB & ASSOCIATES
1296 BROAD STREET
AUGUSTA, GA 30901

EMC ENGINEERING SERVICES
4106 COLBERN BLVD, SUITE 105
EVANS, GA 30809

WR TOOLE ENGINEERS
1005 BROAD STREET
AUGUSTA, GA 30901

ATTN: TONY PARKER
POND & COMPANY
3500 PARKWAY LANE
SUITE 600
NORCROSS, GA 30092

KRAFRA
418 8TH STREET
AUGUSTA, GA 30901

ATTN: EDWARD LEHMAN
ARCHETYPE DESIGN
4860 LEISURE DRIVE
DUNWOODY, GA 30338

ATTN: JOANNA HENDERSON
STEWART-COOPER-NEWELL
719 E. SECOND AVENUE
GASTONIA, NC 28504

ATTN: JETAYA MCGHEE
ROSSER INTERNATIONAL
524 W PEACHTREE ST. NW
ATLANTA, AG 30308

ATTN: TERESA C. SMITH
A & S ENGINEERING
P. O. BOX 2413
EVANS, GA 30809

ATTN: JOSEPH PORTER, JR
S. L. KING TECHNOLOGIES
270 PEACHTREE ST, NW.
SUITE 1600
ATLANTA, GA 30303

ATTN: JOHN EISENLAU
HO & K
191 PEACHTREE ST. NE
SUITE 4100
ATLANTA, GA 30303

YVONNE GENTRY
500/HATCHER BUILDING

ATTN: SANDIE VANVALKENBURG
ZEL ENGINEERS
435 TELFAIR STREET
AUGUSTA GA 30901

ABIE LADSON
ENGINEERING ADMIN
HAMEED MALIK
ENGINEERING ADMIN
RFQ ITEM #11-134 MAILED 5/27/11

RFP Item #11-134
Design & Field Engineering Services for
Bridge Rehabilitation & Repairs
For Engineering Department # 1
RFP Due: Tue 7/12/11 @ 3:00 p.m.

User: Mills, Phyllis Organization: City of Augusta, GA (Augusta Commission)

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFP-11-134-0-2011/PJM

Bid Name Design & Field Engineering Services for Bridge Rehabilitation & Repairs

2 Document(s) found for this bid

30 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
AMEC	3523323318	3523336622	1			Documents
AMEC	3142095945	3142095929	2			Documents
AshBritt, Inc.	9545453535	9545453585	2			Documents
Caltrop Corporation	7038353390	0000000000	1			Documents
Cardno TBE	7275313505	7274311751	1			Documents
Civil Services Inc	9046411834	9046450057	2	1. African American Owned		Documents
GEC Inc.	2256124122	2256123016	2			Documents
Infrastructure Engineers	4079571660	4079578744	2	1. Native American Owned		Documents
KCI Technologies, Inc.	4103167800	4103167817	2			Documents
Kimley-Horn	9196772000	9196772050	2			Documents

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFP-11-134-0-2011/PJM

Bid Name Design & Field Engineering Services for Bridge Rehabilitation & Repairs

2 Document(s) found for this bid

30 Planholder(s) found.

Add Planholder

Supplier Name	Phone	Fax	Doc Count	Attributes	Programs	Actions
Lockwood, Andrews & Newnam, Inc.	7132666900	7132662089	2			Documents
M J Construction Company/Anchor Construction	7279386478	7279344665	2			Documents
McCall & Associates, Inc.	2292422551	2292448358	2			Documents
Michael Baker Corporation	8005531153	7574630503	1			Documents
Moore and Associates	8032797799	8032793848	2			Documents
Moreland Altobelli Associates, Inc.	7702635945	7702630166	2			Documents
NOVA	7704250777	7704251113	2			Documents
Onvia, Inc. - Content Department	2063739500	8882637801	1			Documents
Proshot Concrete, Inc.	2567645941	2567645946	2	1. Small Business		Documents
Proshot Concrete, Inc.	2567645941	2567645946	2			Documents

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFP-11-134-0-2011/PJM

Bid Name Design & Field Engineering Services for Bridge Rehabilitation & Repairs

2 Document(s) found for this bid

30 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
R S & H	6785287229	4043479522	1			Documents
Reynolds, Smith and Hills, Inc. attention: Sue Skinner	9042562500	9042562501	2			Documents
Russell Corrosion Consultants	4109974481	4109974481	1			Documents
Shaw Environmental and Infrastructure, Inc.	4072873223	4072873201	2			Documents
Stantec Consulting Services Inc.	8594223000	8594223100	2			Documents
URS Corporation - Transportation	6788088800	6788088400	2			Documents
Volkert, Inc.	7709199520	7709199542	2			Documents
Walter P Moore	7136307300	7136307396	2			Documents
White Consulting	8432258608	8432251111	1			Documents
WRScompass	8136844400	8136849177	2			Documents

Page 3 of 3 [first](#) | [previous](#) | [next](#) | [last](#)Format for Printing [No](#) ☐[Search](#)[<< Return](#)[Export to Excel](#)DemandStar is a product of [Onvia, Inc.](#) (c) 1997-2012. All rights reserved. | [Terms of Use](#) | [Privacy](#)

Item # 1

Evaluation Sheet - RFP Item #11-134 Design & Field Engineering Services for Bridge Rehabilitation & Repairs for the City of Augusta - Engineering Department for the City of Augusta - Utilities Department						
Evaluation Criteria	PTS	Civil Services Inc 2394 St Johns Bluff Rd South Jacksonville, FL 32246	Cranston Engineering Old Engine Co. No. 1 Bldg 452 Ellis Street Augusta, GA 30901	Moreland Altobelli Associates, Inc 2211 Beaver Run Road, Suite 100 Norcross, GA 30071	RS&H 730 Peachtree Street, Suite 430 Atlanta, GA 30308	T Y Lin International 260 Peachtree Street, Suite 900 Atlanta, GA 30303
1. Qualifications of company (company profile)	15	13.4	13.8	13.1	12.8	12.8
2. Qualifications and experience of key professionals that will be assigned to the projects	15	13.1	12.5	12.5	12.8	12.8
3. Specific relevant experience of your company.	15	12.4	12.5	10.8	11.8	11.8
4. A detailed description of the proposed technical approach to be taken for the performance of the required services for each bridge.	20	18.0	17.0	17.7	14.7	16.3
5. Submit a conceptual project schedule for each bridge (NOTE: The critical path method (CPM) should be used including milestones, tasks and sub-tasks)	20	19.0	19.3	19.3	19.3	10.7
6. References (include specific individuals with addresses and telephone numbers)	5	5.0	5.0	5.0	5.0	5.0
7. Proposed fee (Include hourly cost per individual to be included in the proposal) Lowest 5 pts Second Lowest 4 pts Third Lowest 3 pts Highest 2 pts	5	4.0	2.0	5.0	0.0	3.0
8. Proximity to Augusta: Within Augusta Richmond County 5 pts Within the CSRA 4 pts Within Georgia 3 pts Within SE United States (includes AL, TN, NC, FL) 2 pts All others 1 pt	5	3.0	5.0	3.0	3.0	3.0
Total	100	87.9	87.1	86.3	79.3	75.3



Engineering Services Committee Meeting

5/29/2012 1:00 PM

Approve construction contract award in the amount of \$3,237,323.74 to Blair Construction for the Fort Gordon Extension to the Water Distribution System at Gate 4 . Bid item #12-142

Department: Augusta Utilities Department

Caption: Approve construction contract award to Blair Construction in the amount of \$3,237,323.74 for the extension to the Water Distribution System at Fort Gordon's Gate 4.

Background: The objective of the Extension to the Water Distribution System at Gate 4 is to extend a new water main into Fort Gordon to improve water supply and provide redundancy in the Fort Gordon service area. The project will extend a new 18" water main along Willis Foreman Road from the Lace Road Intersection to Fort Gordon's Gate 4. The proposed water main will then extend along Mirror Lake Road within Fort Gordon to a point of connection in the proximity of Lane Avenue. The main will then have a new 12" main extend west from the intersection of Range Road and N. Range Road within Fort Gordon to the intersection of 13th Street and N. Range Road. The work to complete this project will include a new pumping station and approximately 33,000 linear feet of both 12" and 18" water main pipe.

Analysis: Blair Construction submitted an acceptable bid package and was the lowest responsive bidder. The staff of the Utilities Department has completed evaluation of the bid package and it is recommended that the award go to Blair Construction for \$3,237,323.74

Financial Impact: The amount submitted for the execution of this project was \$3,237,323.74. These funds are available from the following account: 507043410-5212115 / 88880067-5212115

Alternatives: 1. Reject the award of the construction contract, would delay the construction of the Fort Gordon Water Distribution System at Gate 4 Project.

Recommendation: It is recommended that the fee for construction of the Water Distribution System at Gate 4 Project be approved at

Cover Memo

Item # 2

\$3,237,323.74.

**Funds are Available
in the Following
Accounts:**

3,237,323.74.from account 507043410-5212115 / 88880067-
5212115

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

Clerk of Commission

Invitation To Bid

Sealed bids will be received at this office on Thursday, April 19, 2012 @ 3:00 p.m. for furnishing:

Bid Item 12-142 Extension to the Water System at Gate 4 Fort Gordon for Utilities Department

Bids will be received by Augusta, GA Commission hereinafter referred to as the OWNER at the offices of:

Gerri A. Sams
Procurement Department
530 Greene Street - Room 605
Augusta, Georgia 30901
706-821-2422

Bid documents may be examined at the office of the Augusta, GA Procurement Department, 530 Greene Street – Room 605, Augusta, GA 30901. Plans and specifications for the project shall be obtained by all prime, subcontractors and suppliers exclusively from Augusta Blue Print. The fees for the plans and specifications which are non-refundable is \$175.00.

It is the wish of the Owner that all businesses are given the opportunity to submit on this project. To facilitate this policy the Owner is providing the opportunity to view plans online (www.augustablue.com) at no charge through Augusta Blue Print (706 722-6488) beginning Thursday, March 8, 2012. Bidders are cautioned that submitting a package without Procurement of a complete set are likely to overlook issues of construction phasing, delivery of goods or services, or coordination with other work that is material to the successful completion of the project. Bidders are cautioned that acquisition of documents through any other source is not advisable. Acquisition of documents from unauthorized sources places the bidder at the risk of receiving incomplete or inaccurate information upon which to base his qualifications.

A Mandatory Pre Bid Conference will be held on Friday, March 30, 2012 @ 10:00 a.m. in the Procurement Department, 530 Greene Street, Room 605. All questions must be submitted in writing by fax to 706 821-2811 or by email to procbidandcontract@augustaga.gov to the office of the Procurement Department by Tuesday, April 3, 2012 @ 5:00 P.M. No bid will be accepted by fax, all must be received by mail or hand delivered.

No Bid may be withdrawn for a period of **60** days after time has been called on the date of opening. **A 10% Bid bond is required to be submitted along with the bidders' qualifications; a 100% performance bond and a 100% payment bond will be required for award.**

Invitation for bids and specifications. An invitation for bids shall be issued by the Procurement Office and shall include specifications prepared in accordance with Article 4 (Product Specifications), and all contractual terms and conditions, applicable to the procurement. **All specific requirements contained in the invitation to bid including, but not limited to, the number of copies needed, the timing of the submission, the required financial data, and any other requirements designated by the Procurement Department are considered material conditions of the bid which are not waiveable or modifiable by the Procurement Director.** All requests to waive or modify any such material condition shall be submitted through the Procurement Director to the appropriate committee of the Augusta, Georgia Commission for approval by the Augusta, Georgia Commission. Please mark BID number on the outside of the envelope.

GERI A. SAMS, Procurement Director

Publish:	
Augusta Chronicle	March 8, 15, 22, 29, 2012
Metro Courier	March 14, 2012

cc:	Tameka Allen	Deputy Administrator
	Tom Wiedmier	Utilities Department
	Jerry Delaughter	Utilities Department
	Stanley Aye	Utilities Department

Revised: 8/15/2011

Bid Item #12-142
Extension to the Water System at Gate 4 Fort Gordon
for Augusta, Georgia - Utilities Department
Bid Due: Thursday, April 19, 2012 @ 3:00 p.m.

VENDORS	Attachment B	E-Verify #	Addendum	Bid Bond	Lump Sum
Blair Construction P O Box 770 Evans, GA 30809	YES	224004	YES	YES	\$ 3,237,323.74
Beam's Contracting 15030 Atomic Road Beech Island, SC 29842	YES	167300	YES	YES	\$ 3,415,195.20
Astra Grading & Pipe 300 Church Hill Court Woodstock, GA 30188	YES	72922	YES	YES	\$ 3,722,575.80
Reynolds, Inc 300 E Broad Street Fairburn, GA 30213	YES	LMOO9853	YES	YES	\$ 4,530,726.00
Copper Construction 410 McIntosh Street Vidalia, GA 30475	YES	317559	YES	YES	\$ 6,265,983.00
Chandler Construction Services 1511 Ninety Six Highway Ninety Six, SC 29666					
Complete Site Work Services PO Box 218 Dublin, GA 31040					
John D Stephens Inc 272 Hurrican Shaws Road NE Lawrenceville, GA 30046					
K R Shockley 1749 Habersham Church Road Perkins, GA 30822					
Mabus Bros Construction 920 Molly Pond Road Augusta, GA 30901					
McLendon Enterprises, Inc 2365 Aimwell Road Vidalia, GA 30474					
Moorhead Construction Inc 1513 Anderson Street Belton, SC 29627					

FORT GORDON GATE 4 WATER MAIN EXTENSION
Bid Tabulation April 23, 2012

AUD Pay Item	Description	Unit	Quantity	Blair Construction		Beam's Contracting		Astra Grading & Pipe		Reynolds, Inc.		Copper Construction	
				Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
W-2B	8" diameter ductile iron water transmission main Class 350, standard joint	LF	500	\$28.12	\$14,060.00	\$22.23	\$11,115.00	\$32.00	\$16,000.00	\$29.00	\$14,500.00	\$28.00	\$14,000.00
W-2D	12" diameter ductile iron water transmission main Class 350, standard joint	LF	7,674	\$27.22	\$208,886.28	\$31.94	\$245,107.56	\$39.70	\$304,657.80	\$35.00	\$268,590.00	\$54.00	\$414,396.00
W-2G	18" diameter ductile iron water transmission main Class 300, standard joint	LF	21,339	\$58.84	\$1,255,586.76	\$64.71	\$1,380,846.69	\$71.50	\$1,525,738.50	\$70.00	\$1,493,730.00	\$90.00	\$1,920,510.00
W-3A1	4" diameter ductile iron water transmission main Class 350, restrained joint	LF	70	\$25.07	\$1,754.90	\$23.56	\$1,649.20	\$28.00	\$1,960.00	\$37.00	\$2,590.00	\$25.00	\$1,750.00
W-3A	6" diameter ductile iron water transmission main Class 350, restrained joint	LF	40	\$26.22	\$1,048.80	\$24.37	\$974.80	\$32.00	\$1,280.00	\$49.00	\$1,960.00	\$25.00	\$1,000.00
W-3B	8" diameter ductile iron water transmission main Class 350, restrained joint	LF	340	\$32.62	\$11,090.80	\$27.39	\$9,312.60	\$36.00	\$12,240.00	\$52.00	\$17,680.00	\$28.00	\$9,520.00
W-3D	12" diameter ductile iron water transmission main Class 350, restrained joint	LF	2,045	\$34.67	\$70,900.15	\$40.75	\$83,333.75	\$46.00	\$94,070.00	\$43.00	\$87,935.00	\$54.00	\$110,430.00
W-3G	18" diameter ductile iron water transmission main Class 300, restrained joint	LF	3,258	\$78.52	\$255,818.16	\$89.42	\$291,330.36	\$95.25	\$310,324.50	\$91.00	\$296,478.00	\$90.00	\$293,220.00
W-4A	Jack and Bore 30" diameter steel casing. Minimum wall thickness 0.469 inch, with 18" diameter, restrained joint ductile iron carrier pipe, end seals, Class 300 included	LF	100	\$410.11	\$41,011.00	\$388.89	\$38,889.00	\$515.00	\$51,500.00	\$380.00	\$38,000.00	\$300.00	\$30,000.00
W-4B	Jack and Bore 36" diameter steel casing. Minimum wall thickness 0.532 inch, with 18" diameter, restrained joint ductile iron carrier pipe, end seals, Class 300 included	LF	267	\$441.53	\$117,888.51	\$451.67	\$120,595.89	\$565.00	\$150,855.00	\$450.00	\$120,150.00	\$340.00	\$90,780.00
W-4C	36" Steel Casing (0.375" tk) at Creek crossing, incld. Restrained joint ductile iron carrier pipe, 18" and end seals	LF	50	\$370.96	\$18,548.00	\$236.37	\$11,818.50	\$260.00	\$13,000.00	\$285.00	\$14,250.00	\$340.00	\$17,000.00
W-5	Select backfill, GA DOT Type I, Class I & II (Sand/Clay) – Measured by in-place volume	CY	9,000	\$1.04	\$9,360.00	\$0.18	\$1,620.00	\$0.01	\$90.00	\$22.00	\$198,000.00	\$17.00	\$153,000.00
W-6	Miscellaneous pipe fittings and connections	LBS	46,300	\$2.48	\$114,824.00	\$1.90	\$87,970.00	\$2.00	\$92,600.00	\$0.01	\$463.00	\$2.60	\$120,380.00
W-8	Fire hydrant, installed complete with valve, lead pipe, joint restraint, ATV, and blocking	EA	30	\$3,149.89	\$94,496.70	\$3,232.34	\$96,970.20	\$3,650.00	\$109,500.00	\$4,500.00	\$135,000.00	\$2,699.00	\$80,970.00
W-10A	6" in-line gate valve, including valve box, installed, complete, open left	EA	1	\$637.79	\$637.79	\$658.43	\$658.43	\$975.00	\$975.00	\$950.00	\$950.00	\$682.00	\$682.00
W-10B	8" in-line gate valve, including valve box, installed, complete, open left	EA	2	\$919.97	\$1,839.94	\$937.35	\$1,874.70	\$1,150.00	\$2,300.00	\$1,300.00	\$2,600.00	\$1,100.00	\$2,200.00
W-10C	12" in-line gate valve, including valve box, installed, complete, open left	EA	4	\$3,030.82	\$12,123.28	\$1,633.84	\$6,535.36	\$2,700.00	\$10,800.00	\$2,100.00	\$8,400.00	\$2,145.00	\$8,580.00
W-10G	18" in-line gate valve, including valve box, installed, complete, open left	EA	11	\$9,138.68	\$100,525.48	\$9,759.34	\$107,352.74	\$11,800.00	\$129,800.00	\$10,200.00	\$112,200.00	\$17,800.00	\$195,800.00

FORT GORDON GATE 4 WATER MAIN EXTENSION
Bid Tabulation April 23, 2012

AUD Pay Item	Description	Unit	Quantity	Blair Construction		Beam's Contracting		Astra Grading & Pipe		Reynolds, Inc.		Copper Construction	
				Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
W-12B	New 18" Flow Meter, including Concrete Vault, Complete	EA	1	\$56,744.60	\$56,744.60	\$56,930.00	\$56,930.00	\$53,500.00	\$53,500.00	\$56,000.00	\$56,000.00	\$32,605.00	\$32,605.00
W-12B-E	Electrical and Controls - Flow Meter; Complete	EA	1	\$9,944.52	\$9,944.52	\$10,694.85	\$10,694.85	\$17,000.00	\$17,000.00	\$13,600.00	\$13,600.00	\$23,245.00	\$23,245.00
W-12C	New Actuator Valve, including Concrete Vault, 12" Butterfly Valves, Complete	EA	1	\$32,627.04	\$32,627.04	\$38,799.25	\$38,799.25	\$36,500.00	\$36,500.00	\$38,000.00	\$38,000.00	\$33,526.00	\$33,526.00
W-12C-E	Electrical and Controls - Actuator Valve; Complete	EA	1	\$14,581.10	\$14,581.10	\$15,681.25	\$15,681.25	\$17,000.00	\$17,000.00	\$13,600.00	\$13,600.00	\$5,000.00	\$5,000.00
W-13A	12"x12" tapping sleeve, valve, valve box, complete	EA	1	\$6,667.44	\$6,667.44	\$5,851.55	\$5,851.55	\$6,850.00	\$6,850.00	\$6,700.00	\$6,700.00	\$3,950.00	\$3,950.00
W-13B	18"x12" tapping sleeve, valve, valve box, complete	EA	1	\$12,232.38	\$12,232.38	\$6,445.32	\$6,445.32	\$14,500.00	\$14,500.00	\$5,360.00	\$5,360.00	\$9,500.00	\$9,500.00
W-13C	24"x18" tapping sleeve, valve, valve box, complete	EA	1	\$19,811.41	\$19,811.41	\$24,264.05	\$24,264.05	\$38,000.00	\$38,000.00	\$27,250.00	\$27,250.00	\$20,550.00	\$20,550.00
W-13D	6"x6" tapping sleeve, valve, valve box, complete	EA	2	\$2,111.11	\$4,222.22	\$2,604.98	\$5,209.96	\$2,850.00	\$5,700.00	\$3,200.00	\$6,400.00	\$1,250.00	\$2,500.00
W-15	New 2" Long Side Water Service, Installed, Incl. Reconnection, Complete	EA	6	\$7,170.96	\$43,025.76	\$6,782.80	\$40,696.80	\$5,900.00	\$35,400.00	\$6,825.00	\$40,950.00	\$1,500.00	\$9,000.00
W-18A	Tie To Existing Water Main; Exist. 6" Main to New 12" Main	EA	2	\$1,183.79	\$2,367.58	\$2,307.34	\$4,614.68	\$1,850.00	\$3,700.00	\$2,125.00	\$4,250.00	\$3,900.00	\$7,800.00
W-18B	Tie Existing Water Main; Exist. 2" Line to New 18" Main	EA	1	\$2,381.23	\$2,381.23	\$2,329.66	\$2,329.66	\$1,200.00	\$1,200.00	\$2,435.00	\$2,435.00	\$1,500.00	\$1,500.00
W-18C	Tie Existing Water Main; Exist. 4" Line to New 4" Main	EA	1	\$931.51	\$931.51	\$2,168.29	\$2,168.29	\$1,650.00	\$1,650.00	\$875.00	\$875.00	\$2,200.00	\$2,200.00
W-20	Cut and Plug Existing Water Line	EA	16	\$762.16	\$12,194.56	\$401.16	\$6,418.56	\$600.00	\$9,600.00	\$840.00	\$13,440.00	\$500.00	\$8,000.00
W-21	Miscellaneous Class A Concrete	CY	100	\$129.02	\$12,902.00	\$315.97	\$31,597.00	\$175.00	\$17,500.00	\$130.00	\$13,000.00	\$120.00	\$12,000.00
W-22	New 2" Double Check Backflow Assembly	EA	6	\$1,367.89	\$8,207.34	\$901.73	\$5,410.38	\$775.00	\$4,650.00	\$945.00	\$5,670.00	\$1,600.00	\$9,600.00
P-1	Asphalt overlay, type F, 1 ½ " thick minimum	SY	15,000	\$7.48	\$112,200.00	\$6.63	\$99,450.00	\$8.25	\$123,750.00	\$9.15	\$137,250.00	\$9.90	\$148,500.00
P-2	Graded aggregate base, 10 ½ " thick, 7' wide and asphalt patch 2 ½ " thick, including removal of 2 ½ " GAB and placement of bituminous tack coat (Asphalt Overlay Not Included)	SY	1,000	\$38.17	\$38,170.00	\$23.55	\$23,550.00	\$18.25	\$18,250.00	\$43.50	\$43,500.00	\$45.00	\$45,000.00
P-2B	AED Pavement Patch (Asphalt Overlay Not Included)	SY	1,700	\$38.19	\$64,923.00	\$52.94	\$89,998.00	\$46.75	\$79,475.00	\$61.00	\$103,700.00	\$45.00	\$76,500.00
P-5	4" Thick Concrete Sidewalk, 3000 psi mix	SY	50	\$49.97	\$2,498.50	\$33.37	\$1,668.50	\$23.00	\$1,150.00	\$45.00	\$2,250.00	\$40.86	\$2,043.00

Item # 2

Attachment number 3 in Page 2

FORT GORDON GATE 4 WATER MAIN EXTENSION
Bid Tabulation April 23, 2012

AUD Pay Item	Description	Unit	Quantity	Blair Construction		Beam's Contracting		Astra Grading & Pipe		Reynolds, Inc.		Copper Construction	
				Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
P-6A	6" thick Concrete Driveways, 3000 psi mix	SY	100	\$55.24	\$5,524.00	\$41.04	\$4,104.00	\$31.00	\$3,100.00	\$65.00	\$6,500.00	\$61.28	\$6,128.00
P-7A	2" Asphalt Pavement Driveway Replacement	SY	600	\$14.13	\$8,478.00	\$10.95	\$6,570.00	\$17.25	\$10,350.00	\$25.00	\$15,000.00	\$15.05	\$9,030.00
P-7B	New Gravel Driveway	SY	320	\$9.96	\$3,187.20	\$14.63	\$4,681.60	\$7.00	\$2,240.00	\$10.50	\$3,360.00	\$26.88	\$8,601.60
P-9A	6"x24" concrete curb and/or gutter removal and replacement (as appropriate and necessary)	LF	60	\$15.55	\$933.00	\$21.48	\$1,288.80	\$14.00	\$840.00	\$25.00	\$1,500.00	\$19.35	\$1,161.00
P-9B	6"x30" concrete curb and/or gutter removal and replacement (as appropriate and necessary)	LF	100	\$17.48	\$1,748.00	\$22.74	\$2,274.00	\$16.00	\$1,600.00	\$25.00	\$2,500.00	\$23.12	\$2,312.00
P-11	Aggregate Surface Course	Ton	3,500	\$5.34	\$18,690.00	\$10.30	\$36,050.00	\$14.50	\$50,750.00	\$20.00	\$70,000.00	\$161.25	\$564,375.00
M-1	Flowable Fill	CY	200	\$91.26	\$18,252.00	\$106.49	\$21,298.00	\$115.00	\$23,000.00	\$146.00	\$29,200.00	\$107.50	\$21,500.00
M-3	Foundation backfill, GA DOT Type II, for additional unclassified excavation	CY	2,560	\$11.97	\$30,643.20	\$1.53	\$3,916.80	\$21.00	\$53,760.00	\$23.50	\$60,160.00	\$29.03	\$74,316.80
M-4	Clearing & Grubbing	ACRE	8	\$983.43	\$7,867.44	\$676.89	\$5,415.12	\$4,500.00	\$36,000.00	\$4,000.00	\$32,000.00	\$4,500.00	\$36,000.00
M-5A	Chain Link Fence Removal and Replacement, New, Replaced in Kind	LF	1,100	\$10.49	\$11,539.00	\$16.92	\$18,612.00	\$8.50	\$9,350.00	\$23.00	\$25,300.00	\$22.00	\$24,200.00
M-5B	Woven Wire Fence	LF	250	\$8.39	\$2,097.50	\$5.64	\$1,410.00	\$4.00	\$1,000.00	\$6.50	\$1,625.00	\$15.00	\$3,750.00
M-6	Jute Mesh Erosion Control Matting	SY	32,500	\$0.78	\$25,350.00	\$0.73	\$23,725.00	\$1.00	\$32,500.00	\$1.35	\$43,875.00	\$1.02	\$33,150.00
LS-1	Lump sum construction (Includes but is not limited to the listing continued below)	LS	1	\$315,981.66	\$315,981.66	\$316,117.00	\$316,117.00	\$185,000.00	\$185,000.00	\$892,000.00	\$892,000.00	\$1,564,235.00	\$1,564,235.00
				TOTAL	\$3,237,323.74	\$3,415,195.20	\$3,415,195.20	\$3,722,555.80	\$3,722,555.80	\$4,530,726.00	\$4,530,726.00	\$6,265,996.40	\$6,265,996.40
				Total Submitted	\$3,237,323.74	\$3,415,195.20	\$3,415,195.20	\$3,722,575.80	\$3,722,575.80	\$4,530,726.00	\$4,530,726.00	\$6,265,983.00	\$6,265,983.00
				Difference	\$0.00	\$0.00	\$0.00	\$20.00	\$20.00	\$0.00	\$0.00	\$13.40	\$13.40

Mandatory Pre-Bid Meeting

Bid Item #12-142

Extension to the Water System at Gate 4 Fort Gordon
for Augusta, Georgia – Utilities Department
Friday, March 30, 2012 @ 10:00 a.m.

PLEASE PRINT

NAME	COMPANY/DEPT.	ADDRESS/CITY/STATE/ZIP CODE	TELEPHONE NUMBER	FAX NUMBER	Prime/Sub/
1. Kevin Moorhead	Moorhead Const. Inc.	1513 Anderson Street Belton, SC. 29627	864.338.0888	864.338.1444	Prime
2. David Van Pelt	Reynolds Inc.	Fairburn, GA.	770-969-4040	770-969-4863	Prime
3. Jeff Cooper	Mabus Bros. Const. Co. Inc.	920 Molly Pond Rd. Augusta, GA 30901	706-722-8941	706-722-7521	Prime
4. Brandon Johnson	Mabus Brothers	920 Molly Pond Rd. Augusta, Ga 30901	706-722-8941	706-722-7521	Prime
5. Bill Weeks	Chandler Construction Services, Inc. Bill Weeks - billweeks@chandlerconstruction.com Office-864-227-3221 x 205 Cell-864-992-3689 Fax 864-227-3328	1511 Nunez St Hwy Hawley, SC 29666	770-992-9300 EXT 125	678-494-3601	Prime
6. Scott Hibbard	ASTRA GRADING + PIPE	3000 CHAMBERLAIN BLVD WOODSTOCK, GA 30188	770-992-9300 EXT 125	678-494-3601	Prime
7. Jack Barfield	McLENDON ENT, INC.	2305 AIMWELL RD. VIDALIA, GA 30474	(912) 531-6520 (912) 538-7907		Prime
8. Richard Slade	Complete Satework Svc.	P.O. Box 218 Dublin GA 31040	478.272.9990	478-275-3443	Prime
9. Johnny Walker	Complete Satework Svc.	Perry, GA 31069	478-952-0369	478-474-8841	Prime
10. Willie Helms	JOHN D. STEPHENS INC	272 KENNEDY ST. ST. AUGUSTINE LAURENCEVILLE GA 30046	770 992 8000	770 994 3748	Prime
11. PROB WREN	FERGUSON WU	702 MCKINNON TRL. AUGUSTA, GA	706/833-1385 (706) 855-7204		Prime
12. D. Shockley	Shockley P/L Inc	1749 Habersham Ch Rd Perkins, Ga. 30822	478-982-3666	478-982-4131	Prime

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Mandatory Pre-Bid Meeting

Bid Item #12-142

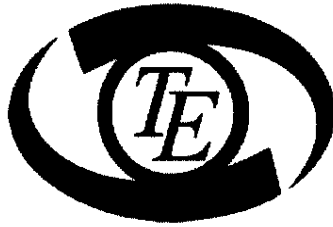
Extension to the Water System at Gate 4 Fort Gordon
for Augusta, Georgia – Utilities Department
Friday, March 30, 2012 @ 10:00 a.m.

PLEASE PRINT

NAME	COMPANY/DEPT.	ADDRESS/CITY/STATE/ZIP CODE	TELEPHONE NUMBER	FAX NUMBER	Prime/Sub/
1. <u>Buddy Rowland</u>	<u>BEAN'S CONTRACTING</u>	<u>15030 Atomic Road</u> <u>Beach Island, SC 29842</u>	<u>803-</u> <u>827-0136</u>	<u>803-</u> <u>827-1868</u>	<u>P</u>
2. <u>Mike Hall</u>	<u>COPPER CORP. CO. INC.</u>	<u>410 MCINTOSH STREET</u> <u>VIDALIA GA. 30475</u>	<u>912-537</u> <u>6420</u>	<u>912-537</u> <u>3214</u>	<u>P</u>
3. <u>David Van Pelt</u>	<u>Reynolds Inc.</u>	<u>Fairburn GA</u> <u>P.O. Box 770</u>	<u>770-969-4040</u>		<u>P</u>
4. <u>William M. Timmer Jr.</u>	<u>Blain Construction Inc.</u>	<u>Evans GA 30809</u>	<u>706-868-1950</u>	<u>706-868</u> <u>1855</u>	<u>P</u>
5. <u>Shannon Williams</u>	<u>Moorehead Construction, Inc.</u>	<u>1513 Anderson Street</u> <u>Belton SC 29627</u>	<u>864-332-0888</u>	<u>864-332-1444</u>	
6. <u>Jesse Mcclam</u>	<u>DS utilities</u>	<u>1644 Holy Trinity Church Rd</u> <u>Little Mountain, SC 29075</u>	<u>803-345-9106</u>	<u>803-345-5362</u>	<u>P</u>
7. <u>Barrett Borden</u>	<u>Contract Mgrs: LLC</u>	<u>1827 KILWINS WOODHILL</u> <u>AUGUSTA GA 30804</u>	<u>706</u> <u>667 9033</u>	<u>706</u> <u>667 9034</u>	<u>P</u>
8. <u>Tom Dunaway</u>	<u>KIRTOOLE ENGINEERS</u>	<u>1005 BROAD ST.</u> <u>AUGUSTA, GA</u>	<u>706 722</u> <u>4114</u>	<u>722</u> <u>6219</u>	
9. <u>Thyllis Mills</u>	<u>Procurement</u>		<u>706</u> <u>821-2888</u>	<u>706</u> <u>821-2884</u>	
10. <u>Shelley Age</u>	<u>AUD</u>	<u>360 Bay Street</u> <u>Augusta GA</u>	<u>706 826</u> <u>4788</u>		
11. <u>NAME</u>	<u>DBE</u>		<u>706</u> <u>821-2404</u>		
12. <u>Sheila Paulk</u>	<u>Procurement</u>		<u>706</u> <u>821-4251</u>	<u>706</u> <u>821-2811</u>	

Item # 2

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Original



W. R. Toole Engineers, Inc.

Engineers • Consultants • Planners

April 24, 2012

Augusta Utilities Department
c/o Augusta Procurement Department
ATTN: Ms. Geri Sams, Director
530 Greene Street, Room 605
Augusta, Georgia 30901

SUBJECT: Extension to the Water System at Gate 4 Fort Gordon
Bid #12-142

Ms. Sams:

On Thursday, April 19, 2012, Augusta-Richmond County received bids for the reference project. We have reviewed the bids and have enclosed a bid tab summary. Total bid prices using the extended unit costs and estimated quantities are shown below.

<u>Bidder</u>	<u>Bid Total</u>
Blair Construction, Inc.	\$3,237,323.74
Beams Contracting	\$3,415,195.20
Astra Grading & Pipe	\$3,722,555.80*
Reynolds, Inc.	\$4,530,726.00
Copper Construction	\$6,265,996.40*

* Indicates a bid total that was different from the total read aloud.

Upon review of the submitted bids, W. R. Toole Engineers, Inc. recommends award of this bid to Blair Construction, Inc.

Should you have any questions regarding this information, please do not hesitate to contact our office.

Sincerely,

W. R. TOOLE ENGINEERS, INC.

Tom Dunaway, PE
Senior Project Manager

Enclosures

Cc: Mr. Stan Aye, Augusta Utilities Department

1005 Broad Street, Suite 200, Augusta, GA 30901
phone - 706.722.4114 * fax - 706.722.6219 * www.wrtoole.com

Item # 2

User: Mills, Phyllis Organization: City of Augusta, GA (Augusta Commission)

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number ITB-12-142-0-2012/PJM

Bid Name Extension to the Water System at Gate 4 Fort Gordon

1 Document(s) found for this bid

6 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Bulldog Steel Products, Inc.	3258935806	3258934459	1			Documents
DS Utilities, Inc.	8033459106	8033455362	1			Documents
isqft - MAIN ACCT	8772271680	8665708187	1			Documents
L-3 Communications (Scandia Technologies)	7275312828	7275312778	1			Documents
Reynolds, Inc.	7709694040	7709694363	1			Documents
The Bluebook of Building & Construction	8004312584	9143028103	1			Documents

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Item # 2

Company Name	First Name	Last Name	Address Line 1	Address Line 2	City	State	ZIP Code
TRI-STAR CONTRACTORS INC	RICHARD	BERRY	47 LEGACY LANE		EDGEVILLE	SC	29824
QUALITY STORM WATER SOLUTIONS	THERON	SAPP	437 CAMBRIDGE CIRCLE		MARTINEZ	GA	30907
D & S UTILITIES	BILL	HEAD	1644 HOLY TRINITY CHURCH ROAD		LITTLE MOUNTAIN	SC	29075
MABUS BROS CONSTRUCTION	KEVIN	BALDWIN	920 MOLLY POND ROAD		AUGUSTA	GA	30901
CONTRACT MANAGEMENT INC	JAMES	WILLIAMS	1827 KILLINSWORTH		AUGUSTA	GA	30904
EAGLE UTILITY	TONY	HIGHFIELD	1350 BRANCH ROAD		BISHOP	GA	30627
L-J INC	RANDALL	MCCLAIN	603 PINE LOG ROAD		BEECH ISLAND	SC	29842
COLUMBIA DIVERSIFIED INC	DAVID	WHEATLEY	6677 EUBANKS DRIVE		APPLING	GA	30802
BLAIR CONSTRUCTION	PATRICK	DILLARD	P O BOX 770		EVANS	GA	30809
HARRIS CONSTRUCTION	JEFFERY	HARRIS	1736 BARTON CHAPEL ROAD		AUGUSTA	GA	30906

**UTILITIES DEPARTMENT**

Tom Wiedmeier
Director

Jerry Delaughter
Assistant Director

MEMORANDUM

TO: Geri A. Sams
FROM: Tom Wiedmeier *tdw*
DATE: April 26, 2012
SUBJECT: Bid Item #12-142 Fort Gordon Extension to the Water Distribution System at Gate 4
Bid Opening Date: April 19, 2012 3:00pm

We have reviewed the bid tab sheet and submittals received for the above item. We also agree with the design engineer's (W.R. Toole Engineers, Inc.) evaluation and consider their recommendation for award and budget requirements.

I concur with the recommended award of bid item #12-142 to the lowest responsive bidder: Blair Construction in the amount of \$3,237,323.74

Sincerely,

Tom Wiedmeier, P.E.
Augusta Utilities Department

Engineering Division
360 Bay Street, Suite 180 - Augusta, GA 30901
(706) 312-4132 – Fax (706) 312-4133
WWW.AUGUSTAGA.GOV

Item # 2



Engineering Services Committee Meeting
5/29/2012 1:00 PM
Biosolids Disposal

Department: Utilities

Caption: Report from Utilities regarding disposal of sludge at the Landfill.

Background:

The Augusta Commission directed that staff prepare a report related to potential cost savings that would be realized by hauling sludge from the J.B. Messerly and Fort Gordon wastewater treatment plants to the landfill. The Fort Gordon wastewater treatment plant was decommissioned in September 2011 and all of Fort Gordon's wastewater is now directed to Augusta's system; consequently this report will address sludge generated at the J.B. Messerly plant. Current Practice Augusta's J.B. Messerly wastewater treatment plant generates approximately 45,000 wet tons of biosolids, or sludge, annually. These biosolids are applied at agronomic rates to agricultural fields in Richmond, Burke and Jefferson Counties for their fertilizer value. There are 10 landowners and 2484 acres in the program. The land application of biosolids is managed by the contract operator of our wastewater treatment facilities, Environmental Services Group (ESG). ESG contracts with Hudson Grassing Company to conduct the land application program. Agricultural lime is applied to fields within the program to maintain suitable soil pH as required by the Georgia Environmental Protection Division. The cost for our land application program, including the application of lime, was \$1,049,517 in 2011. This corresponds to a cost of \$29.26 per wet ton of biosolids. Trailers are loaded directly from the discharge of the belt filter presses utilized for dewatering digested sludge. Normally, biosolids are hauled 5 days a week from 6:00 a.m. to 6:00 p.m., however it is not uncommon to have to haul 6 days a week, and more infrequently 7. An average of 8 25-ton loads are hauled from the plant each day. The need to haul on weekends can be driven by equipment maintenance or process upset issues. For instance, a major maintenance issue with one of the two belt filter presses could remove it from service for several days, thereby requiring additional hauling to catch back up. Two dump trailers at a time are positioned to be loaded. Hudson Grassing personnel are responsible for removing loaded trailers and replacing them with empty trailers to be filled; this requires

Cover Memo
close
Item # 3

coordination with plant operations staff in order to maintain uninterrupted and efficient dewatering operations. Proposed Utilization of Biosolids at the Landfill Augusta's landfill staff has proposed utilizing biosolids from the Messerly Plant to enhance the generation of methane gas. They have proposed a tipping fee of \$11.05/ton and estimate hauling costs at \$800 per day, or \$100 per load. We estimate that hauling costs would more likely be in the \$200 - \$225 per load range, especially given the need for the hauling contractor to swap loaded and empty trailers. Using these estimates, the annual cost to dispose of biosolids would be \$870,000 - \$900,000. Landfill staff has indicated that they are willing to discuss accommodations to accept sludge outside their normal hours of operation (6 a.m. – 5 p.m. Monday – Friday, 6 a.m. – 12 p.m. Saturday).

Analysis:

Analysis The ability to reliably manage solids within a wastewater treatment process is one of the most critical requirements of wastewater treatment. Key to this is the ability to remove excess solids from the plant. The current land application program provides the reliability and flexibility necessary to operate an efficient wastewater treatment process. Some key strengths of the current program are: • Hudson Grassing is willing to adjust working hours to accommodate plant operating conditions. It is not uncommon for them to haul Saturdays and Sundays at no additional cost. • We feel that it is prudent to maintain two avenues for the disposal of biosolids; we have always considered landfilling as our backup in the event something precluded the disposal of biosolids via land application. If we were to discontinue the land application program, it would be virtually impossible to resume operation in its current form. • Hudson Grassing maintains the ability to land apply liquid sludge. This would be invaluable if we were to experience catastrophic failure of our dewatering facilities. • Our land application program is built on a foundation of partnership and trust with the landowners in our program. The clients in our program have been active for many years, and they have been supportive of the program during challenging time such as during the sludge lawsuits. • I feel it would be unfair to current program participants and unwise for Augusta to discontinue the program for a relatively small cost savings and an increased risk associated with limiting our options for biosolids management.

Financial Impact:

Discussed above.

Alternatives:

Discussed above.

Recommendation:

We feel strongly that the current land application should be maintained in its present form. If biosolids would provide a significant benefit to the landfill's methane production, we are

willing to discuss providing the landfill access to a portion of our biosolids stream.

**Funds are Available
in the Following
Accounts:**

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**



**Engineering Services Committee Meeting
5/29/2012 1:00 PM**

Broad Street Bridge over the Augusta Canal, and Broad Street Bridge over Hawks Gully

Department: Abie L. Ladson, PE, CPESC, Director

Caption: Award the Design Consultant Services Agreement to Moreland Altobelli Associates, Inc., in the amount of \$159,910.00 for the Broad Street Bridge over the Augusta Canal, and the Broad Street Bridge over Hawks Gully. This Project will be funded through SPLOST PHASE VI for AED.

Background: The Broad Street Bridge over the Augusta Canal and Broad Street Bridge over Hawks Gully structures are in need of major repair and maintenance. They require painting, sidewalk repairs, expansion joint repairs, lighting repairs, sub-structure and super-structure repairs, barrier repairs, and restoring the historical significance and aesthetics of the structure. Services will consist of a Bridge Study/Report, preliminary and final construction plans, construction contract documents, construction cost and schedule, life cycle cost analyses, field surveys, and construction observation.

Analysis: On July 12, 2011, the following firms submitted RFPs and were evaluated based on qualifications, project approach, experience, and schedule: 1. Civil Services, Inc. 2. Cranston Engineering 3. Moreland Altobelli Associates, Inc. 4. R S & H 5. T.Y. Lin International Once the RFPs were evaluated, the three highest scored firms were scheduled for interviews on August 22, 2011. Moreland Altobelli Associates, Inc., was selected based on the evaluation procedures used for this project.

Financial Impact: Funds are available in SPLOST PHASE VI account number 328-041110-5212115/211828012-5212115, contingent upon Commission approval

Alternatives: 1). Award the Design Consultant Services Agreement to Moreland Altobelli Associates, Inc., in the amount of \$159,910.00 for the Broad Street Bridge over the Augusta Canal, and the Broad Street Bridge over Hawks Gully. This Project will be funded through SPLOST PHASE VI for AED. 2). Do not approve and cancel project.

Cover Memo

Recommendation: Approve Alternative Number One.

**Funds are Available
in the Following
Accounts:** 328-041110-5212115/211828012-5212115

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

Clerk of Commission

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

Augusta-Richmond County, Georgia

CPB#328-041110-211828012

**CAPITAL PROJECT BUDGET
BRIDGE REHABILITATION & REPAIRS
Bid Item 11-134**

(*Broad Street over the Augusta Canal & Broad Street over Hawks Gully*)

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby amended:

Section 1: The project change is authorized to CPB# 328-041110-211828012 Broad Street Bridge over the Augusta Canal & the Broad Street Bridge over Hawk Gully to award the Design Consultant Agreement to Moreland Atobelli Associates in the amount of \$159,910.00 to be funded from SPLOST PHASE VI.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

Special 1% Sales Tax, Phase VI	\$	160,000
	\$	160,000

Section 3: The following amounts are appropriated for the project:

By Basin	By District
Raes Creek \$160,000	3rd \$ 160,000

Section 4: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Deke Copenhaver, Mayor

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

Augusta-Richmond County, Georgia

CPB#328-041110-211828012

**CAPITAL PROJECT BUDGET
BRIDGE REHABILITATION & REPAIRS
Bid Item 11-134**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SPECIAL 1% SALES TAX, PHASE VI 328-041110-6011110-211828012	(\$160,000)		(\$160,000)
TOTAL SOURCES:	(\$160,000)		(\$160,000)
<u>USE OF FUNDS</u>			
ENGINEERING 328-041110-5212115-211828012	\$160,000		\$160,000
TOTAL USES:	\$160,000		\$160,000

Fee Summary by Bridge

Bridge	Fee			
	Concept Development	Design and Construction Plans	Post-Design Services	Total
3 Broad Street Bridge over the Augusta Canal	20,763	29,940	20,740	71,443
4 Broad Street Bridge over Hawks Gully	30,870	37,210	20,387	88,467
TOTAL	51,633	67,150	41,127	159,910

Bridge 3		Hours								Fee			
Personnel (see description below)		A	B	C	D	E	F	G	H	Total Labor Cost	Direct Expenses	Total Cost for Task	Phase Subtotal Cost
Total Labor Rate (per hour)		\$ 150	\$ 140	\$ 120	\$ 100	\$ 90	\$ 85	\$ 75	\$ 55				
Phase I: Concept Development													\$ 20,763
Data Collection of Available Bridge Records		2		4						\$ 780		\$ 780	
Survey, As Required										\$ -	\$ -	\$ -	
Discuss Historical Significance with Engineering Department		4								\$ 600	\$ 173	\$ 773	
Establish Initial List of Actions for Further Evaluation		4		8						\$ 1,560		\$ 1,560	
Conduct Bridge Inspection to Verify and Supplement Existing Data		2		10				32		\$ 3,900	\$ 5,480	\$ 9,380	
Architectural Alternatives		3		8						\$ 1,410		\$ 1,410	
Present Architectural Alternatives to Engineering Department		6		6						\$ 1,620	\$ 260	\$ 1,880	
Prepare Estimate of Life Cycle Cost of Each Item					6					\$ 600		\$ 600	
Prepare Concept Report		4	2	16	3	2		4		\$ 3,580		\$ 3,580	
Revise Concept Report		1	1	2						\$ 530		\$ 530	
Submit Final Concept Report		1		1						\$ 270		\$ 270	
Phase II: Design and Construction Documents													\$ 29,940
Develop Electrical and Lighting Details		1	2			16				\$ 1,870		\$ 1,870	
Develop Structural and Approach Roadway Details		2	10	58				68		\$ 13,760		\$ 13,760	
Develop Architectural Details		2	2	12						\$ 2,020		\$ 2,020	
Develop Landscaping Details		2	2	20						\$ 2,980		\$ 2,980	
Develop Maintenance of Traffic Plans		2	2	16						\$ 2,500		\$ 2,500	
Prepare Engineers Construction Cost Estimate		2	2	2	8	2		2		\$ 1,950		\$ 1,950	
Submit Construction Plans and Draft Specifications for Review		4		10						\$ 1,800		\$ 1,800	
Revise Construction Plans and Special Provisions		2	2	6	2	2		8		\$ 2,280		\$ 2,280	
Submit Final Construction Plans and Specifications for Review		2		4						\$ 780		\$ 780	
Phase III: Post-Design Services													\$ 20,740
Bid Assistance		2		6	6		8			\$ 2,300		\$ 2,300	
Engineering Support and Adjustments		2		6	2		8			\$ 1,900		\$ 1,900	
Measure and Estimate Material In-Place		4							50	\$ 3,350	\$ 2,517	\$ 5,867	
Monitor Federal and State Regulations		2						20		\$ 1,800	\$ 967	\$ 2,767	
Construction Observation		4					24		50	\$ 5,390	\$ 2,517	\$ 7,907	
Total Bridge Fee													\$ 71,443

Bridge 4		Hours											Fee		
Personnel (see description below)		A	B	C	D	E	F	G	H	Total Labor Cost			Total Cost for Task		
Total Labor Rate (per hour)		\$ 150	\$ 140	\$ 120	\$ 100	\$ 90	\$ 85	\$ 75	\$ 55						
Phase I: Concept Development															
Data Collection of Available Bridge Records		2		4							\$ 780		\$ 780		\$ 30,870
Survey, As Required		2			12			24			\$ 3,300	\$ 1,060	\$ 4,360		
Preliminary Hydraulic and Scour Assessment (Bridge 4 Only)		2	1	32	20			8	10		\$ 7,430	\$ 1,000	\$ 8,430		
Discuss Historical Significance with Engineering Department		4									\$ 600	\$ 173	\$ 773		
Establish Initial List of Actions for Further Evaluation		4		16							\$ 2,520		\$ 2,520		
Conduct Bridge Inspection to Verify and Supplement Existing Data		4		8				20			\$ 3,060	\$ 1,033	\$ 4,093		
Architectural Alternatives		4		16							\$ 2,520		\$ 2,520		
Present Architectural Alternatives to Engineering Department		4		8							\$ 1,560	\$ 173	\$ 1,733		
Prepare Estimate of Life Cycle Cost of Each Item					8						\$ 800		\$ 800		
Prepare Concept Report		3	2	16	4	2		4			\$ 3,530		\$ 3,530		
Revise Concept Report		2	2	3							\$ 940		\$ 940		
Submit Final Concept Report		1		2							\$ 390		\$ 390		
Phase II: Design and Construction Documents															\$ 37,210
Develop Electrical and Lighting Details		2	2			32					\$ 3,460		\$ 3,460		
Develop Structural and Approach Roadway Details		4	8	48				58			\$ 11,830		\$ 11,830		
Develop Architectural Details		4	2	12							\$ 2,320		\$ 2,320		
Develop Scour Repair and Countermeasure Details		4	2	16	8			8			\$ 4,200		\$ 4,200		
Develop Landscaping Details		2	2	24							\$ 3,460		\$ 3,460		
Develop Maintenance of Traffic Plans		3	2	20							\$ 3,130		\$ 3,130		
Prepare Engineers Construction Cost Estimate		4	2	2	16	2		2			\$ 3,050		\$ 3,050		
Submit Construction Plans and Draft Specifications for Review		8		10							\$ 2,400		\$ 2,400		
Revise Construction Plans and Special Provisions		4	2	6	2	2		8			\$ 2,580		\$ 2,580		
Submit Final Construction Plans and Specifications for Review		2		4							\$ 780		\$ 780		
Phase III: Post-Design Services															\$ 20,387
Bid Assistance		4		8	8			8			\$ 3,040		\$ 3,040		
Engineering Support and Adjustments		2		6	2			8			\$ 1,900		\$ 1,900		
Measure and Estimate Material In-Place		4							40		\$ 2,800	\$ 1,933	\$ 4,733		
Monitor Federal and State Regulations		4						24			\$ 2,400	\$ 1,240	\$ 3,640		
Construction Observation		6					24		40		\$ 5,140	\$ 1,933	\$ 7,073		
Total Bridge Fee															\$ 88,467

PERSONNEL CATEGORIES	
A	Project Manager
	Bridge Architect
	Roadway Engr. Lead
B	QA/QC Mngr.
C	Roadway Engineer
	Bridge Preservation Engineer
	Hydraulics/Hydrology Lead
	Bridge Engr. Lead
	Bridge Engineer
	Landscape Architect
D	Traffic Signal Engr.
	Lead Geotechnical and Matl. Testing Engr
	Estimator / Scheduler
	Survey Crew (2 man)
E	Electrical Engr.
	Lighting Engr.
F	Utility Coordination Lead
	Construction Support Lead
G	NBIS Bridge Inspector
	Registered Surveyor
	Survey Lead
	Environmental Lead -Ecology
	Roadway Engineer
	Bridge Engineer
	Environmental Lead -History
H	Geotechnical & Matls Testing Engr
	Construction Inspector



**Design & Field Engineering Services for
Bridge Rehabilitation & Repairs, RFP #11-134**

Fee Proposal

Professional	Services	Rate
Shrujal Amin, PE	Roadway Engineering	\$120.00
Robert Bass, PE – Hartrampf	Bridge Preservation Engineer	\$120.00
Jerry Brinson	Local Liaison	\$0.00
Russell Claxton, AIA	Bridge Architect	\$150.00
Jerry Cooper	NBIS Bridge Inspections	\$75.00
William Dial, PE	Hydraulics/Hydrology Lead	\$120.00
Donald Flynn, PE	Bridge Engineering Lead	\$120.00
David Graham, PE	QA/QC	\$140.00
Buddy Gratton, PE	Principal-in-Charge	\$0.00
Brad Hale, PE	Roadway Engineering Lead	\$150.00
Stan Jaworski	Utility Coordination Lead	\$85.00
Steven Jing, PE	Bridge Engineering	\$120.00
Ronnie Joiner, RLS	Survey	\$75.00
Don Jones, RLS	Survey Lead	\$75.00
Chris Kingsbury, RLA	Landscape Architecture	\$120.00
Clyde Knox	Construction Support Lead	\$85.00
Mark McClain	Environmental/Permitting-Ecology	\$75.00
Joseph McGrew, PE	Project Manager	\$150.00
Bret Padgett, EIT	Roadway Engineering	\$75.00
Patrick Pecot, PE	Bridge Engineering	\$75.00
Bill Ruhsam, PE, PTOE	Traffic Signals	\$100.00
Jay Shah	Geotechnical Engineering and Materials Testing	\$55.00
Yong Shao, PhD, PE	Geotechnical Engineering and Materials Testing	\$100.00
M.J. Sheehan, PE	Estimates/Schedules	\$100.00
Michael Wilson	Environmental/Permitting-History	\$75.00
Construction Inspectors (as required)	Construction Support	\$55.00
2-man survey crew	Survey	\$100.00
Electrical Engineer – Ray Group	Electrical	\$90.00
Lighting Engineer – EDT	Lighting	\$120.00

Assumptions:

1	The fee estimate assumes that both bridges will be authorized for design within the same time frame, allowing for the possibility of concurrent design.
2	Survey at bridge 4 has been assumed for hydraulic analysis.
3	In terms of the engineering effort, the scour countermeasure design at bridge 4 is assumed to be Rip Rap or similar.
4	The fee estimate for Bridge 3, Broad Street over Augusta Canal, assumes that the condition of the concrete and reinforcing steel in the bridge is such that repairs can be achieved economically. This estimate does not cover replacement of the entire bridge or partial replacement of major components such as end bents or intermediate bents. This conformation will be made during the concept phase initial inspection, sampling and testing.

Table No. 1

Table NO. 1		1		2		3		4		5	
Bridge		Broad Street Bridge (on-ramp) over Rae's Creek		Broad Street Bridge (off-ramp) over Rae's Creek		Broad Street Bridge over the Augusta Canal		Broad Street Bridge over Hawks Gully		15th Street Bridge over the Augusta Canal	
Serial Number		245-0026-0		245-0027-0		245-0025-0		245-0024-0		245-0074-0	
Location ID		245-02720X-000.12E		245-02678X-000.08S		245-02720X-001.35E		245-02720X-001.85E		245-01498X-000.30E	
Route		CR 2720		CR 2720		CR 2720		CR 2720		CR 1499	
GDOT Bridge Inspection Summary											
GDOT inspection summary		This bridge structure is in fair condition with corrosion of the steel superstructure components. The steel beams and bearings throughout the structure should be cleaned and painted. Spalls in the end walls at the abutments, and in the edge beams at bents #2 and #3, should be repaired. The deck joints throughout the structure have failed and should be cleaned and sealed. Extensive cracks throughout the concrete deck and in the sidewalk should also be sealed. Spalls in the concrete deck surface of spans #2 and #3 should be repaired to protect the reinforcement steel from corrosion. Dirt accumulated on the substructure caps should be removed. The catch basins are also clogged with dirt and debris which should be removed.		This bridge structure is in fair condition with general deterioration throughout the entire structure, primarily due to age. Cracks in the sidewalks, bridge railing, and beams #1 and #6 in span #1 should be sealed.		This bridge structure is in fair condition with corrosion of the steel superstructure members. The steel beams and bearings should be cleaned and painted. The anchor bolts of beams #1 and #10 at both abutments have section loss and should be cleaned, inspected and repaired. Extensive cracks in the concrete caps and columns throughout the structure should be sealed. Spalls in the sidewalk at bent #2 should also be repaired. Exposed reinforcement steel in the sidewalks and end walls should be cleaned and sealed to inhibit corrosion. The deck joints throughout the structure have failed and should be cleaned and sealed. Dirt accumulated on the substructure caps should be removed. Two utility poles, that are mounted on the sidewalk, have incurred collision damage and should be repaired.		This bridge structure is in fair condition but has severe scour at both abutments that should be repaired. Approximately 4 feet of scour at the east abutment has exposed 13 of the steel foundation piles. The scour extends past the abutments, beneath the approach roadway, and should be repaired. Both banks should be rebuilt and protected with rip rap to prevent loss of fill and possible failure of the roadway. Old abutments, from a previous structure, are leaning toward the creek. If these old abutments collapse, at least 3 flood gates will be blocked and more severe scour could occur. The old walls should be closely monitored for signs of further distress. Erosion at the eastern abutment wing wall should also be repaired. The steel beams throughout the structure are corroded and should be cleaned and painted. The deck joints have failed and should be cleaned and sealed. Drift at the flood gates should be removed to prevent further accumulation and scour.		This concrete bridge structure is in fair condition with general age deterioration throughout. Repairs performed by Augusta Richmond county have addressed previously reported structural deficiencies. However, additional areas have begun to deteriorate. Spalled areas, with exposed steel reinforcement, throughout the structure should be repaired.	

Table No. 2

Table NO. 2		1	2	3	4	5
Bridge	Broad Street Bridge (on-ramp) over Rae's Creek	Broad Street Bridge (off-ramp) over Rae's Creek	Broad Street Bridge over the Augusta Canal	Broad Street Bridge over Hawks Gully	15th Street Bridge over the Augusta Canal	
	Serial Number	245-0026-0	245-0027-0	245-0025-0	245-0024-0	245-0074-0
	Location ID	245-02720X-000.12E	245-02678X-000.08S	245-02720X-001.35E	245-02720X-001.85E	245-01499X-000.30E
	Route	CR 2720	CR 2720	CR 2720	CR 2720	CR 1499
MA Bridge Observations						
Additional observations from MAAI site visit 6/24/2011	Bridge is a 3 span steel beam – simple span. The deck is spalled and cracked and in poor shape. Joints need to be replaced. Sidewalk needs to be repaired approaching the bridge. Beams and bearings should be painted and anchor bolts should be replaced.	2 span concrete arch. Due to asphalt overlay no curb to sidewalk. Sidewalk on north side of bridge has the top of "U" hangers on walking surface. Asphalt overlay. Bottom of deck not accessible. Barrier needs minor repair. 6 lights on bridge, 2 at each bent. Minor erosion at end bent. Utilities hanging on both sides of bridge.	3 span steel beam – simple span. Asphalt overlay on deck but deck appears to be in good shape for visual inspection underneath. Joints at overlay in bad shape. Two poles in middle of sidewalk with power and/or lights. Beams/bearing in need of painting. Substantial cracking along end bent caps and back walls (No spalls were visible). If it is necessary to encase the cap and repair back wall, it might be necessary to close portions of the road during construction. Intermediate bent caps with substantial cracking with the worse locations at the overhang. This is the most critical repair needed. Sidewalks and lights approaching the bridge need repair. Current streetscape project just north of the bridge is upgrading most of the lights. Will want to match these lights. Landscaping same as others.	One span plate girder. Lights on each corner of bridge will probably need work. Major Hydro issues. End bents/walls left in place from previous bridge and appear to be creating erosion problems at existing bridge end bents. Previous end bent walls need to be removed and new walls installed. A hydro analysis could be useful in assessing scour potential and countermeasures. Sidewalks on bridge need repairs. Superstructure in good shape. Beams need painting. Landscaping the four corners of the bridge would add to the look.	3 span concrete arch, 4 lane with sidewalks. Erosion at SE end bent. Sheet piling in place but has failed. Hand Rail in need of replacement. Several locations where sections where cracked through. Asphalt overlay on bridge, could not see deck from underneath. No curb to sidewalk due to asphalt overlay. Two lights were added at center span, not original. Bridge has extreme crown, with limited sight distance. Lights help this condition, but should be replaced with something more aesthetic. Several locations were wiring is exposed. Consider upgrade of wiring and redo lights. Sidewalks approaching bridge need repair. Major waterline on east side of bridge. Landscaping the four corners of this bridge would add to the look.	

Table No. 3

Bridge	1	2	3	4	5
	Broad Street Bridge (on-ramp) over Rae's Creek	Broad Street Bridge (off-ramp) over Rae's Creek	Broad Street Bridge over the Augusta Canal	Broad Street Bridge over Hawks Gully	15th Street Bridge over the Augusta Canal
Serial Number	245-0026-0	245-0027-0	245-0025-0	245-0024-0	245-0074-0
Location ID	245-02720X-000.12E	245-02678X-000.08S	245-02720X-001.35E	245-02720X-001.85E	245-01495X-000.30E
Route	CR 2720	CR 2720	CR 2720	CR 2720	CR 1499

Possible Actions for further study as suggested in the GDOT Inspection Report or from Moreland Altobelli Observations

Rehabilitation: Major work required to restore the structural integrity of the bridge or to correct major safety defects.				repair severe scour at abutment 1. Fill void under abutment to stabilize piling. Rebuild and rip rap bank.	
				repair severe scour at abutment 2. Fill void under abutment to stabilize piling. Rebuild and rip rap bank.	
			replace anchor bolts beam 1 & 10, abutment 1 and 4.		
	MA: replace anchor bolts		MA: replace anchor bolts		
			MA: investigate need to encase abutment 1 & 4 caps and repair backwall		
Aesthetic or Safety Enhancement			MA: investigate need to encase bent 2 and 3 caps.		
		MA: consider removing deck overlay		investigate/remove old abutment wall	MA: consider removing deck overlay
		MA: investigate utility alternatives			MA: investigate utility alternatives MA: replace hand rail with architecturally suitable replacement.
					MA: replace lights at center of bridge with architecturally suitable replacement.
			MA: investigate replacing lights to match adjacent project to north.	MA: investigate replacing lights at 4 corners of bridge.	
Preventive Maintenance: Cost-effective treatment that preserves the bridge, retards future deterioration and/or maintains or improves the functional condition of the bridge.			Investigate utility pole on sidewalk and replace as a minimum.	MA: landscape 4 corners of bridge	MA: landscape 4 corners of bridge
	clean and paint all steel beams	MA: consider polycarb overlay	clean and paint all steel beams	remove accumulation of drift	MA: repair sidewalk approaching bridge
	clean and paint all steel bearings	seal cracks in sidewalks	clean and paint all steel bearings	MA: investigate need for hydrologic and scour analysis	general spall repair throughout
	repair spalls abutment 1 end wall	seal cracks in bridge railing	repair spalls in sidewalk at bent 2	clean and paint all steel beams	MA: repair erosion at SE end bent
	repair spalls abutment 4 end wall	seal cracks in beam 1, span 1	clean and seal abutment 1 deck joint	clean and seal abutment 1 deck joint	MA: replace electrical wiring
	repair spalls bent 2 edge beam	seal cracks in beam 6, span 1	clean and seal bent 2 deck joint	clean and seal abutment 2 deck joint	
	repair spalls bent 3 edge beam	MA: correct U hanger on sidewalk issue	clean and seal bent 3 deck joint	MA: seal cracks in sidewalks	
	clean and seal abutment 1 deck joint		clean and seal abutment 4 deck joint	repair erosion at east abutment wing	
	clean and seal bent 2 deck joint	MA: repair erosion at end bent	seal cracks in sidewalks		
	clean and seal bent 3 deck joint		clean cap abutment 1		
	clean and seal abutment 4 deck joint		clean cap bent 2		
	seal cracks in deck		clean cap bent 3		
	MA: consider polycarb overlay		clean cap abutment 4		
	seal cracks in sidewalks		seal cracks in cap and columns, abutment		
	repair concrete deck surface span 2		seal cracks in cap and columns, bent 2		
	repair concrete deck surface span 3		seal cracks in cap and columns, bent 3		
	clean cap abutment 1		seal cracks in cap and columns, abutment 4		
	clean cap bent 2		MA: repair sidewalk approaching bridge		
	clean cap bent 3		MA: replace electrical wiring		
	MA: repair sidewalk approaching bridge				

REQUEST FOR PROPOSALS

Request for Proposals will be received at this office until Tuesday, July 12, 2011 @ 3:00 P.M. for furnishing:

**RFP ITEM #11-134 Design & Field Engineering Services for Bridge Rehabilitation & Repairs
for Engineering Department**

RFPs will be received by: The Augusta Commission hereinafter referred to as the OWNER at the offices of:

Geri A. Sams, Director
Augusta Procurement Department
530 Greene Street - Room 605
Augusta, Georgia 30901

RFP documents may be viewed on the Augusta Richmond County web site under the Procurement Department **ARCbid**. RFP documents may be obtained at the office of the Augusta, GA Procurement Department, 530 Greene Street – Room 605, Augusta, GA 30901. Documents may be examined during regular business hours at the offices of Augusta, GA Procurement Department. **All questions must be submitted in writing by email to procbidandcontract@augustaga.gov to the office of the Procurement Department by Tuesday, June 21, 2011 @ 5:00 P.M. No RFP will be accepted by fax, all must be received by mail or hand delivered.**

The local bidder preference program is applicable to this project. To be approved as a local bidder and receive bid preference on an eligible local project, the certification statement as a local bidder and all supporting documents must be submitted to the Procurement Department with your bonafide bid package.

No RFP may be withdrawn for a period of 90 days after time has been called on the date of opening.

An invitation for bids shall be issued by the Procurement Office and shall include specifications prepared in accordance with Article 4 (Product Specifications), and all contractual terms and conditions, applicable to the procurement. All specific requirements contained in the invitation to bid including, but not limited to, the number of copies needed, the timing of the submission, the required financial data, and any other requirements designated by the Procurement Department are considered material conditions of the bid which are not waiveable or modifiable by the Procurement Director. Please mark RFP number on the outside of the envelope.

Bidders are cautioned that sequestration of RFP documents through any source other than the office of the Procurement Department is not advisable. Acquisition of RFP documents from unauthorized sources places the bidder at the risk of receiving incomplete or inaccurate information upon which to base his qualifications.

Funding for this project may include federal funds provided by the U. S. Department of Transportation (DOT) and/or other federal agencies. All DOT funded projects are subject to the requirements of 49 CFR Part 26. These requirements are mandatory and non-negotiable. Augusta enforces Disadvantage Business Enterprise (DBE) requirements and/or DBE goals set by Federal and/or State Agencies in accordance with State and Federal laws. Please be advised that the U. S. District Court for the Southern District of Georgia has entered on Order enjoining the Race-Based portion of Augusta, Georgia's DBE Program. Thus, Augusta, Georgia does not have or operate a DBE, MBE or WBE Program for projects (or portions of projects) having Augusta, Georgia as the source of funding.

GERI A. SAMS, Procurement Director

Publish:

Augusta Chronicle	May 26, June 2, 9, 16, 2011
Metro Courier	June 1, 2011

cc:	Tameka Allen	Interim Deputy Administrator
	Abie Ladson	Engineering Department
	Hameed Malik	Engineering Department

RFP Item #11-134 Design & Field Engineering Services for Bridge Rehabilitation & Repairs for the City of Augusta - Engineering Department RFP Due: Tuesday, July 12, 2011 @ 3:00 P.M.					
VENDORS	Attachment B	Addendum	Original	9 Copies	Fee Proposal
Civil Services Inc 2394 St Johns Bluff Rd South Jacksonville, FL 32246	Yes	Yes	Yes	Yes	Yes
Cranston Engineering Old Engine Co. No. 1 Bldg 452 Ellis Street Augusta, GA 30901	Yes	Yes	Yes	Yes	Yes
Moreland Altobelli Associates, Inc 2211 Beaver Ruin Road, Suite 100 Norcross, GA 30071	Yes	Yes	Yes	Yes	Yes
RS&H 730 Peachtree Street, Suite 430 Atlanta, GA 30308	Yes	Yes	Yes	Yes	Yes
T Y Lin International 260 Peachtree Street, Suite 900 Atlanta, GA 30303	Yes	Yes	Yes	Yes	Yes
Heath & Lineback Engineering Inc 209 Corporate Dr. Suite 300 Carrollton, GA 30117	Non-Compliant Missing E-Verify Number				
ZEL Engineers 435 Telfair Street Augusta, GA 30901	Submitted No Bid Response				
A & S Engineering P. O. Box 2413 Evans, GA 30809					
AECOM 1360 Peachtree St Ne Ste 500 Atlanta, GA 30309					
Archetype Design 4860 Leisure Drive Dunwoody, GA 30338					
Atkins Global 1600 River Edge Parkway Atlanta, GA 30328					
BRPH, Inc. 2000 Powers Ferry Rd., Suite 600 Marietta, GA 30067					
EMC Engineering Services 4106 Colbern Blvd, Suite 105 Evans, GA 30809					
Enercon 500 Townpark Lane, Suite 275 Kennesaw, GA 30144					
HO & K 191 Peachtree St. NE, Suite 4100 Atlanta, GA 30303					
Hussey, Gay, Bell & Deyoung Int. 625 Green Street, Ne Gainesville, GA 30501					
Johnson Laschober & Associates 1296 Broad Street Augusta, GA 30901					Item # 4

RFP Item #11-134
Design & Field Engineering Services for Bridge Rehabilitation & Repairs
for the City of Augusta - Engineering Department
RFP Due: Tuesday, July 12, 2011 @ 3:00 P.M.

VENDORS	Attachment B	Addendum	Original	9 Copies	Fee Proposal
Krafra 418 8th Street Augusta, GA 30901					
Lindsay, Pope, Brayfield, Clifford & Associates, Inc. 344 West Pike Street Lawrenceville, GA 30046					
Lord, Aeck & Sargent 1201 Peachtree St, Ne Ste 300 Atlanta, GA 30361					
Munger Associates Consulting 596 Links Lane Martinez, GA 30907					
Parsons Brinckerhoff 3340 Peach Tree Road NE Ste 2400 Tower Place 100 Atlanta GA 30326					
PBS & J 5665 New Northside Dr. Suite 400 Atlanta, GA 30328					
Pond & Company 3500 Parkway Lane, Suite 600 Norcross, GA 30092					
Rosser International 524 W Peachtree St. NW Atlanta, GA 30308					
S. L. King Technologies 270 Peachtree St, NW, Suite 1600 Atlanta, GA 30303					
Southern Partners 1233 Augusta West Parkway Augusta, GA 30909					
Stewart-Cooper-Newell 719 E. Second Avenue Gastonia, NC 28504					
The Polote Co. 1810 Mill B Lane Savannah, GA 31405					
TVS Design 2700 Promenade Two 1230 Peachtree St., NE Atlanta, GA 30309					
W. K. Dickson 1450 Greene St. Suite 225 Augusta, GA 30901					
Warren Epstein & Associates 1785 Chesire Bridge Rd., Ne Atlanta, GA 30324					
Wilbur Smith Associates 2835 Brandywine Rd Ste 400 Atlanta GA 30341					
WR Toole Engineers 1005 Broad Street Augusta, GA 30901					Item # 4

Evaluation Sheet - RFP Item #11-134 Design & Field Engineering Services for Bridge Rehabilitation & Repairs for the City of Augusta - Engineering Department for the City of Augusta - Utilities Department						
Evaluation Criteria	PTS	Civil Services Inc 2394 St Johns Bluff Rd South Jacksonville, FL 32246	Cranston Engineering Old Engine Co. No. 1 Bldg 452 Ellis Street Augusta, GA 30901	Moreland Altobelli Associates, Inc 2211 Beaver Run Road, Suite 100 Norcross, GA 30071	RS&H 730 Peachtree Street, Suite 430 Atlanta, GA 30308	T Y Lin International 260 Peachtree Street, Suite 900 Atlanta, GA 30303
1. Qualifications of company (company profile)	15	13.4	13.8	13.1	12.8	12.8
2. Qualifications and experience of key professionals that will be assigned to the projects	15	13.1	12.5	12.5	12.8	12.8
3. Specific relevant experience of your company.	15	12.4	12.5	10.8	11.8	11.8
4. A detailed description of the proposed technical approach to be taken for the performance of the required services for each bridge.	20	18.0	17.0	17.7	14.7	16.3
5. Submit a conceptual project schedule for each bridge (NOTE: The critical path method (CPM) should be used including milestones, tasks and sub-tasks)	20	19.0	19.3	19.3	19.3	10.7
6. References (include specific individuals with addresses and telephone numbers)	5	5.0	5.0	5.0	5.0	5.0
7. Proposed fee (Include hourly cost per individual to be included in the proposal) Lowest 5 pts Second Lowest 4 pts Third Lowest 3 pts Highest 2 pts	5	4.0	2.0	5.0	0.0	3.0
8. Proximity to Augusta: Within Augusta Richmond County 5 pts Within the CSRA 4 pts Within Georgia 3 pts Within SE United States (includes AL, TN, NC, FL) 2 pts All others 1 pt	5	3.0	5.0	3.0	3.0	3.0
Total	100	87.9	87.1	86.3	79.3	75.3



ENGINEERING DEPARTMENT

Abie L. Ladson, PE
Director

Steven J. Cassell, PE, PTOE
Assistant Director Traffic Engineering

MEMORANDUM

TO: Geri Sams, Director of Procurement

FROM: Abie L. Ladson, PE, Director Engineering Department

DATE: February 16, 2012

SUBJECT: Design and Field Engineering Services for Bridge Rehabilitation and Repairs
Bid Item # 11-134
Project Number:
File reference: 08-014(A)

Ms. Sams,

It is the recommendation of the Engineering Department to award the subject construction contract in the following manner:

Bridge #1, Broad Street On-Ramp: Cranston Engineering Group
Bridge #2, Broad Street Off-Ramp: CSI
Bridge #3, Broad Street over Augusta Canal: Moreland Altobelli and Associates
Bridge #4, Broad Street over Hawks Gully: Moreland Altobelli and Associates
Bridge #5, 15th Street over Augusta Canal: Cranston Engineering Group

If you have any questions, or concerns please e-mail me, or give me a call.

Thank You,

17 FEB '12 PM 1:45

ALL/scm

Attachments

cc: Phyllis Mills, Quality Assurance Analyst
Steven J. Cassell, PE, PTOE, Assistant Director – Traffic Engineering
Hameed Malik, PhD., PE, Assistant Director Engineering

File

Traffic Engineering Section
328 Riverfront Drive - Augusta, GA 30901
(706) 821-1841 – Fax (706) 821-1724
WWW.AUGUSTAGA.GOV

Item # 4

FYI: Process Regarding Request for Proposals

Sec. 1-10-51. Request for proposals.

Request for proposals shall be handled in the same manner as the bid process as described above for solicitation and awarding of contracts for goods or services with the following exceptions:

- (a) Only the names of the vendors making offers shall be disclosed at the proposal opening.
- (b) Content of the proposals submitted by competing persons shall not be disclosed during the process of the negotiations.
- (c) Proposals shall be open for public inspection only after the award is made.
- (d) Proprietary or confidential information, marked as such in each proposal, shall not be disclosed without the written consent of the offeror.
- (e) Discussions may be conducted with responsible persons submitting a proposal determined to have a reasonable chance of being selected for the award. These discussions may be held for the purpose of clarification to assure a full understanding of the solicitation requirement and responsiveness thereto.
- (f) Revisions may be permitted after submissions and prior to award for the purpose of obtaining the best and final offers.
- (g) In conducting discussions with the persons submitting the proposals, there shall be no disclosure of any information derived from the other persons submitting proposals.

Sec. 1-10-52. Sealed proposals.

- (a) *Conditions for use.* The competitive sealed proposals method may be utilized when the Augusta, Georgia Administrator approves the written justification of the Procurement Director or using agency head that the sealed bid method is not in the best interest of Augusta, Georgia. Generally, this method may be used when competitive sealed bidding (involving the preparation of detailed and specific specifications) is either not practicable or not advantageous to Augusta, Georgia. Augusta, Georgia is not restricted from using alternative procurement methods for obtaining the best value on any procurement, such as Construction Management at Risk, Design/Build, etc.
- (b) *Request for proposals.* Competitive sealed proposals shall be solicited through a request for proposals (RFP).

- (c) *Public notice.* Adequate public notice of the request for proposals shall be given in the same manner as provided in section 1-10- 50(c)(Public Notice and Bidder's List); provided the normal period of time between notice and receipt of proposals minimally shall be fifteen (15) calendar days.
- (d) *Pre-proposal conference.* A pre-proposal conference may be scheduled at least five (5) days prior to the date set for receipt of proposals, and notice shall be handled in a manner similar to section 1-10-50(c)-Public Notice and Bidder's List. No information provided at such pre-proposal conference shall be binding upon Augusta, Georgia unless provided in writing to all offerors.
- (e) *Receipt of proposals.* Proposals will be received at the time and place designated in the request for proposals, complete with bidder qualification and technical information. No late proposals shall be accepted. Price information shall be separated from the proposal in a sealed envelope and opened only after the proposals have been reviewed and ranked.

The names of the offerors will be identified at the proposal acceptance; however, no proposal will be handled so as to permit disclosure of the detailed contents of the response until after award of contract. A record of all responses shall be prepared and maintained for the files and audit purposes.

- (f) *Public inspection.* The responses will be open for public inspection only after contract award. Proprietary or confidential information marked as such in each proposal will not be disclosed without written consent of the offeror.
- (g) *Evaluation and selection.* The request for proposals shall state the relative importance of price and other evaluation factors that will be used in the context of proposal evaluation and contract award. (Pricing proposals will not be opened until the proposals have been reviewed and ranked). Such evaluation factors may include, but not be limited to:
 - (1) The ability, capacity, and skill of the offeror to perform the contract or provide the services required;
 - (2) The capability of the offeror to perform the contract or provide the service promptly or within the time specified, without delay or interference;
 - (3) The character, integrity, reputation, judgment, experience, and efficiency of the offeror;
 - (4) The quality of performance on previous contracts;
 - (5) The previous and existing compliance by the offeror with laws and

ordinances relating to the contract or services;

- (6) The sufficiency of the financial resources of the offeror relating to his ability to perform the contract;
 - (7) The quality, availability, and adaptability of the supplies or services to the particular use required; and
 - (8) Price.
- (h) *Selection committee.* A selection committee, minimally consisting of representatives of the procurement office, the using agency, and the Administrator's office or his designee shall convene for the purpose of evaluating the proposals.
- (i) *Preliminary negotiations.* Discussions with the offerors and technical revisions to the proposals may occur. Discussions may be conducted with the responsible offerors who submit proposals for the purpose of clarification and to assure full understanding of, and conformance to, the solicitation requirements. Offerors shall be accorded fair and equal treatment with respect to any opportunity for discussions and revision of proposals and such revisions may be permitted after submission and prior to award for the purpose of obtaining best and final offers. In conducting discussions, there shall be no disclosure of information derived from proposals submitted by competing offerors.
- (j) From the date proposals are received by the Procurement Director through the date of contract award, no offeror shall make any substitutions, deletions, additions or other changes in the configuration or structure of the offeror's teams or members of the offeror's team.
- (k) *Final negotiations and letting the contract.* The Committee shall rank the technical proposals, open and consider the pricing proposals submitted by each offeror. Award shall be made or recommended for award through the Augusta, Georgia Administrator, to the most responsible and responsive offeror whose proposal is determined to be the most advantageous to Augusta, Georgia, taking into consideration price and the evaluation factors set forth in the request for proposals. No other factors or criteria shall be used in the evaluation. The contract file shall contain a written report of the basis on which the award is made/recommended. The contract shall be awarded or let in accordance with the procedures set forth in this Section and the other applicable sections of this chapter.

Bidders List

Bid Item # 11-134Cost \$ 0

#	Company Name	Complete Mailing Address	Date	Spec. #	Initials	Mailed by
1	ATTN: SANDIE VANVALKENBURG ZEL ENGINEERS 435 TELFAIR STREET AUGUSTA GA 30901		5/27/11		SP	Pick up
2						
3						
4	Brian K. Adams, P.E., S.E. Heath & Lineback Engineers, Inc. 209 Corporate Drive, Suite 300 Carrollton, GA 30117 Voice: 770.722.7631 Fax: 770.424.2907 badams@heath-lineback.com		5/31/11		SP	U.S. Mail
5						
6						
7	WILBUR SMITH ASSOCIATES ATTN CHERYL K RILEY 2835 BRANDYWINE RD., SUITE 400 ATLANTA GA 30341-5540 Direct 678.244.0248 - o: 770.936.8650 - fax: 770.936.8656		6/1/11		SP	U.S. Mail
8						
9						
10	 Parsons Brinckerhoff 3340 Peachtree Road, N.E. Suite 2400 - Tower Place 100 Atlanta, GA 30326-1087 Main: 404-237-2115 Direct: 404-364-2407 Fax: 404-237-3015 wooten@pbworld.com Michael K. Wooten, PE Project Manager Lead Engineer 		6/16/11		SP	Pick up
11						
12						
13	ENERCON ATTN CYNDI ROMERO 500 TOWNPARK LANE, SUITE 275 KENNESAW GA 30144 770-590-2122		6/21/11		SP	U.S. Mail
14						
15						
16						

TVS DESIGN
2700 PROMENADE TWO
1230 PEACHTREE ST., NE
ATLANTA, GA 30309

ATTN: MARK VIDEKOVICH
BRPH, INC.
2000 POWERS FERRY RD., SUITE 600
MARIETTA, GA 30067

ATTN: MICHAEL A. CLIFFORD
LINDSAY, POPE, BRAYFIELD, CLIFFORD
& ASSOCIATES, INC.
344 WEST PIKE STREET
LAWRENCEVILLE, GA 30046

ATTN: DOUG STRAUGHAN
HUSSEY, GAY, BELL & DEYOUNG INT.
625 GREEN STREET, NE
GAINESVILLE, GA 30501

ATTN: KYLE F. EPSTEIN
WARREN EPSTEIN & ASSOCIATES
1785 CHESIRE BRIDGE RD., NE
ATLANTA, GA 30324

ATTN: SCOTT WILLIAMS
CRANSTON ENGINEERING
OLD ENGINE CO. NO. 1 BLDG
452 ELLIS STREET
AUGUSTA, GA 30901

THE POLOTE CO.
1810 MILL B LANE
SAVANNAH, GA 31405

ATTN: TREY WINGATE
W. K. DICKSON
1450 GREENE ST. SUITE 225
AUGUSTA, GA 30901

T Y LIN INTERNATIONAL
260 PEACHTREE STREET
SUITE 900
ATLANTA, GA 30303

ATTN: TONY JOHNSON
AECOM
1360 PEACHTREE ST NE STE 500
ATLANTA GA 30309

P M & A CONSULTING ENGINEERS
609 BROAD STREET
AUGUSTA, GA 30901
RETURNED MAIL

ATTN: PHILLIP GREENE
SOUTHERN PARTNERS
1233 AUGUSTA WEST PARKWAY
AUGUSTA, GA 30909

ATTN: BOB MUNGER
MUNGER ASSOCIATES CONSULTING
596 LINKS LANE
MARTINEZ, GA 30907

ATTN: TONY AECK
LORD, AECK & SARGENT
1201 PEACHTREE ST, NE STE 300
ATLANTA, GA 30361

PBS & J
5665 NEW NORTHSIDE DR. SUITE 400
ATLANTA, GA 30328

ATTN: RICHARD LASCHOVER
JOHNSON LASCHOVER & ASSOCIATES
1296 BROAD STREET
AUGUSTA, GA 30901

EMC ENGINEERING SERVICES
4106 COLBERN BLVD, SUITE 105
EVANS, GA 30809

WR TOOLE ENGINEERS
1005 BROAD STREET
AUGUSTA, GA 30901

ATTN: TONY PARKER
POND & COMPANY
3500 PARKWAY LANE
SUITE 600
NORCROSS, GA 30092

KRAFRA
418 8TH STREET
AUGUSTA, GA 30901

ATTN: EDWARD LEHMAN
ARCHETYPE DESIGN
4860 LEISURE DRIVE
DUNWOODY, GA 30338

ATTN: JOANNA HENDERSON
STEWART-COOPER-NEWELL
719 E. SECOND AVENUE
GASTONIA, NC 28504

ATTN: JETAYA MCGHEE
ROSSER INTERNATIONAL
524 W PEACHTREE ST. NW
ATLANTA, AG 30308

ATTN: TERESA C. SMITH
A & S ENGINEERING
P. O. BOX 2413
EVANS, GA 30809

ATTN: JOSEPH PORTER, JR
S. L. KING TECHNOLOGIES
270 PEACHTREE ST, NW.
SUITE 1600
ATLANTA, GA 30303

ATTN: JOHN EISENLAU
HO & K
191 PEACHTREE ST. NE
SUITE 4100
ATLANTA, GA 30303

YVONNE GENTRY
500/HATCHER BUILDING

ATTN: SANDIE VANVALKENBURG
ZEL ENGINEERS
435 TELFAIR STREET
AUGUSTA GA 30901

ABIE LADSON
ENGINEERING ADMIN
HAMEED MALIK
ENGINEERING ADMIN

RFQ ITEM #11-134 MAILED 5/27/11

RFP Item #11-134
Design & Field Engineering Services for
Bridge Rehabilitation & Repairs
For Engineering Department # 4
RFP Due: Tue 7/12/11 @ 3:00 p.m.

User: Mills, Phyllis Organization: City of Augusta, GA (Augusta Commission)

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFP-11-134-0-2011/PJM

Bid Name Design & Field Engineering Services for Bridge Rehabilitation & Repairs

2 Document(s) found for this bid

30 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
AMEC	3523323318	3523336622	1			Documents
AMEC	3142095945	3142095929	2			Documents
AshBritt, Inc.	9545453535	9545453585	2			Documents
Caltrop Corporation	7038353390	0000000000	1			Documents
Cardno TBE	7275313505	7274311751	1			Documents
Civil Services Inc	9046411834	9046450057	2	1. African American Owned		Documents
GEC Inc.	2256124122	2256123016	2			Documents
Infrastructure Engineers	4079571660	4079578744	2	1. Native American Owned		Documents
KCI Technologies, Inc.	4103167800	4103167817	2			Documents
Kimley-Horn	9196772000	9196772050	2			Documents

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFP-11-134-0-2011/PJM

Bid Name Design & Field Engineering Services for Bridge Rehabilitation & Repairs

2 Document(s) found for this bid

30 Planholder(s) found.

Add Planholder

Supplier Name	Phone	Fax	Doc Count	Attributes	Programs	Actions
Lockwood, Andrews & Newnam, Inc.	7132666900	7132662089	2			Documents
M J Construction Company/Anchor Construction	7279386478	7279344665	2			Documents
McCall & Associates, Inc.	2292422551	2292448358	2			Documents
Michael Baker Corporation	8005531153	7574630503	1			Documents
Moore and Associates	8032797799	8032793848	2			Documents
Moreland Altobelli Associates, Inc.	7702635945	7702630166	2			Documents
NOVA	7704250777	7704251113	2			Documents
Onvia, Inc. - Content Department	2063739500	8882637801	1			Documents
Proshot Concrete, Inc.	2567645941	2567645946	2	1. Small Business		Documents
Proshot Concrete, Inc.	2567645941	2567645946	2			Documents

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Item # 4

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFP-11-134-0-2011/PJM

Bid Name Design & Field Engineering Services for Bridge Rehabilitation & Repairs

2 Document(s) found for this bid

30 Planholder(s) found.

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Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
R S & H	6785287229	4043479522	1			Documents
Reynolds, Smith and Hills, Inc. attention: Sue Skinner	9042562500	9042562501	2			Documents
Russell Corrosion Consultants	4109974481	4109974481	1			Documents
Shaw Environmental and Infrastructure, Inc.	4072873223	4072873201	2			Documents
Stantec Consulting Services Inc.	8594223000	8594223100	2			Documents
URS Corporation - Transportation	6788088800	6788088400	2			Documents
Volkert, Inc.	7709199520	7709199542	2			Documents
Walter P Moore	7136307300	7136307396	2			Documents
White Consulting	8432258608	8432251111	1			Documents
WRScompass	8136844400	8136849177	2			Documents

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Engineering Services Committee Meeting
5/29/2012 1:00 PM
East Augusta Street and Drainage Improvements (SA2)

Department: Abie L. Ladson, PE, CPESC, Director

Caption: Approve Capital Project Budget and Supplemental Agreement Two (CPB#328-041110-211828101) in the amount of \$562,612 for the East Augusta Street and Drainage Improvement Project to Toole Engineers, Inc., for Design Engineering Services. Funding is available in the project budget from SPLOST PHASE VI as requested by AED.

Background: The East Augusta Street and Drainage Improvement project is an identified and partially funded project to address flooding and associated roadway improvements in the East Augusta area bounded by East Boundary Street, the Levee, I-520 and Laney Walker Blvd. The drainage system in this area is not adequate to handle low frequency rain events, thus causing flooding on several streets and in yards. The project consists of eight (8) phases. The current status of each Phase is: 1) Phase I- design and construction completed in 2011; 2) Phase II – design complete, and property acquisitions on-going; 3) Phase III – design 95% complete; 4) Phase IV through Phase VIII – design start is subject to approval of this supplemental agreement.

Analysis: Services covered under this supplemental agreement will allow AED to complete the design phase of East Augusta Street and Drainage Improvement Project. The project will be construction ready and can go to construction as soon as construction funds become available.

Financial Impact: Funds are available in SPLOST Phase VI East Augusta Street & Drainage Improvement account number 328-041110-5212115 /211828101-5212115.

Alternatives: 1) Approve Capital Project Budget and Supplemental Agreement Two (CPB#328-041110-211828101) in the amount of \$562,612 for the East Augusta Street and Drainage Improvement Project to Toole Engineers, Inc., for Design Engineering Services. Funding is available from SPLOST PHASE VI for the Engineering Department. 2) Do not approve, and identify alternative plan to
Cover Memo
Item # 5

address identified needed improvements.

Recommendation: Approve Alternative Number One

**Funds are Available
in the Following
Accounts:** 328-041110-5212115/211828101-5212115

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

SUPPLEMENTAL AGREEMENT

Augusta Richmond County Project Number(s):	328-041110-211828101
Supplemental Agreement Number:	1
Purchase Order Number:	163878

WHEREAS, We, **W. R. Toole Engineers.**, entered into a contract with Augusta-Richmond County on March 17, 2009, for Engineering Design Services for **East Augusta Roadway & Drainage Improvement Project**, File Reference No. 09-014 (A), and

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

Additional services to address flooding & associated roadway improvements bounded by East Boundary St., the Levee, I-520 and Laney Walker Blvd.

It is agreed that as a result of the above described modification the contract amount is increased by **\$562,612.00** from **\$500,000.00** to a new total of **\$1,062,612.00.**

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, **W.R. Toole Engineers**, hereby agree to said Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

This _____ day of _____, 2012.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

W. R. TOOLE ENGINEERS, INC.,

Mayor Deke Copenhaver

Approved: Date _____

ATTEST:

Title: _____

Approved: Date _____

[ATTACHED CORPORATE SEAL]

ATTEST:

Title: _____

Item # 5

Please do not process this document. Once approved by the Commission, the original will be sent to Clerk of Commission for execution. For more information, contact ext 5070.

Augusta-Richmond County, Georgia

**CAPITAL PROJECT BUDGET
EAST AUGUSTA STREET AND DRAINAGE IMPROVEMENTS**

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia
Capital Project Budget is hereby authorized:

Section 1: This project is authorized to CPB#328-041110-211828101. This Supplement addresses the flooding and associated roadway improvements in the East Design Engineering Services in the amount of \$562,612 for W.R. Toole Engineering in the project Engineering Account SPLOST Phase VI.

Section 2: The following revenues are anticipated to be available to the Consolidated complete the project.

SPLOST Urban Phase III Recapture
GDOT STATE AID CONTRACT
SPLOST PHASE VI

Section 3: The following amounts are appropriated for the project:

	By Basin	
Phinizy Swamp	\$1,520,000	1st

Section 4: Copies of this Capital Project Budget shall be made available to the Commission carrying out this project.

Adopted this _____ day of _____.

Approved

Honorable Deke Copenhaver, Mayor

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

Augusta-Richmond County, Georgia

**CAPITAL PROJECT BUDGET
EAST AUGUSTA STREET AND DRAINAGE IMPROVEM**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>
URBAN SPLOST PHASE III RECAPTURE 327-041110-296812333	(\$500,000)	
GDOT STATE AID CONTRACT	(\$450,000)	
SPLOST PHASE VI	(\$570,000)	
TOTAL SOURCES:	(\$1,520,000)	
<u>USE OF FUNDS</u>		
ENGINEERING 327-04-1110-5212115-209812101	\$950,000	
ENGINEERING 328-041110-5212115-211828101	\$570,000	
TOTAL USES:	\$1,520,000	

ecution. For information reference this request

CPB#328-041110-211828101

IENTS

that the following

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Augusta Area.
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Government to

\$500,000
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\$1,520,000

By District
\$1,520,000

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Item # 5

CPB#328-041110-211828101

IENTS

**NEW
CPB**

(\$500,000)

\$450,000

(\$1,520,000)

\$950,000

\$570,000

\$1,520,000

Item # 5



W R Toole Engineers, Inc.

Engineers * Consultants * Planners

May 15, 2012

Augusta Engineering Department
505 Telfair Street
Augusta, GA 30901

ATTN: Mr. Hameed Malik, P.E., PhD., Assistant Director of Engineering

SUBJECT: Professional Services Proposal
East Augusta Roadway & Drainage Improvement Project Ph. IV-VIII
TE Proposal No. P09005

Mr. Malik:

W. R. Toole Engineers appreciates this opportunity to submit the attached proposal for professional engineering services for the remaining phases of the East Augusta Roadway & Drainage Improvement project. We are familiar with the project areas and the required scope of work. The proposal identifies the project areas, outlines our proposed project approach, defines the deliverables, and includes a man-hour/fee summary per project area. We are prepared to immediately initiate services upon your notice to proceed.

Again, thank you for the opportunity of providing this proposal package. Please contact our office with any questions regarding the information contained herein.

Sincerely,

W. R. TOOLE ENGINEERS, INC.

Tom Dunaway, P.E.
Senior Project Manager

Erik Hammarlund, P.E.
Vice President

Attachments

1005 Broad Street - Suite 200, Augusta, GA 30901
phone - 706.722.4114 * fax - 706.722.6219 * web - www.wrtoole.com

**AUGUSTA, GEORGIA ENGINEERING DEPARTMENT
EAST AUGUSTA ROADWAY & DRAINAGE IMPROVEMENT PROJECT –
PHASES IV-VIII**

Professional Services Proposal

Original Submittal: April 10, 2012, *Revised (Ph. IV): May 15, 2012*

PROJECT OBJECTIVE

The objective of the East Augusta Roadway and Drainage Improvement project is to provide infrastructure improvements that mitigate the flooding conditions in the East Augusta Region. W.R. Toole Engineers, Inc. (WRTE) understands that the frequent, severe flooding of the East Augusta area creates threatening and hazardous conditions for residents of the area. Contributing factors to the flooding conditions include undersized roadside ditches, limited or no roadside curbing and the lack of an integrated storm sewer system.

PROJECT BACKGROUND

During 2010, WRTE completed a Concept Plan and Hydrology Study of the East Augusta area that is generally bound by the Savannah River to the north, Interstate 520 to the east, Laney-Walker Boulevard to the south, and East Boundary to the west. Following this effort, WRTE and the Augusta Engineering Department (AED) developed a Project Prioritization Plan, which identified eight (8) potential drainage improvement projects in the East Augusta area. These projects were identified as Phase I – Phase VIII on the project's Concept Plan (attached). The current status of each phase is below.

<u>Phase</u>	<u>Project Area</u>	<u>Status</u>
I	East View Drive – East Augusta Schools	Construction completed Summer 2011.
II	Laney-Walker – Lovers Lane to Good Hope Baptist Church	Design phase complete. Property acquisition on-going.
III	Brunswick-Azalea-Albany Streets	Design Phase – 95% complete
IV-VIII	-	Subject to this proposal.

PROJECT AREAS

The following project areas are subject to this proposal. Please refer to the enclosed Project Area Maps for reference.

Phase IV – Hornsby Neighborhood

The Phase IV project area includes the Hornsby neighborhood of East Augusta and lies south of the Phase II project area. This area is bound by Bruce Street to the west, Rachael Street to the north, Cherry Avenue to the east, and Laney Walker Boulevard to the south. Artmus Street, Wallace Street, and Solomon Place are other improved rights-of-way that are located in the Phase IV project area. The Hornsby neighborhood is residentially



developed with parcels ranging from approximately 0.1 – 0.5-acre. Public water and sewer utilities are located in the rights-of-way.

Phase V – East Telfair - Japonica

The Phase V project area includes East Telfair Street between East Boundary and East Cedar Street. Magnolia Avenue, Japonica Street, and Oak Street are also located in the project area. An existing storm sewer system between Sea Isle Drive and Wallace Street extends north from Aiken Street, crosses Oak Street and terminates along the rear property line of residential lots between Azalea Avenue and Japonica Avenue. This existing system is included in the Phase V project area.

Phase VI – East View

The East View project area is located southwest of the Lovers Lane - Sand Bar Ferry Road intersection. East View Drive, Sterling Street and Silver Street are improved rights of way in the East View area. These streets are asphalt paved with curb and gutter sections. The East View community center and park are located to the east of the project area. A closed pipe storm sewer system intercepts an open ditch section just east of the Aiken Street – East View Drive intersection. The existing ditch section extends north to the outfall of a closed pipe system near Silver Street. The existing pipe system crosses Silver Street and extends north along a side property line to Sterling Street.

Phase VII – Riverside Park

The Riverside Park area encompasses Phase VII. Local paved streets in the project area include Sea Isle Drive, Colorado Street, Kentucky Avenue, Orange Street, Virginia Avenue, Kelly Avenue, and Cherry Avenue. Open ditch sections exist along each side of the paved streets. The A 48-inch diameter pipe system extends north along Kentucky Avenue from the existing open channel near Aiken Street. This pipe system is the primary stormwater conveyance system for the Riverside Park area.

Phase VIII – Marion Homes

The Marion Homes area is located between Sand Bar Ferry Road and the Augusta Levee in the northeastern portion of East Augusta. Courtland Drive, McElmurray Drive, Pollard Drive, Dupont Street, and Fairhope Street are improved right-of-ways in the Phase VIII project area. The area is primarily residentially developed. Existing storm sewer systems are limited or non-existent in Marion Homes.

PROJECT APPROACH

WRTE is familiar with each project area and will complete the project development process for each project using a similar approach. The previously completed aerial survey of the East Augusta area will be used as the foundation for the project basemap. Field survey data will be used to enhance areas that were obscured from aerial photography as well as to provide more detailed topographic information and utility locations. Concept verification and hydrologic-hydraulic modeling will then be completed to confirm and

refine the Concept Study recommendations. Following approval of the Concept by AED, WRTE will initiate development of Construction Plans. Preliminary, Final, and Final Construction Document deliverables will be provided to provide multiple opportunities for Owner review. Easement maps will be prepared as necessary and required property acquisitions will be coordinated with the Augusta, Georgia Right-of-Way staff. The proposed project approach also includes professional service support during the Bidding & Pre-Construction phase. Construction phase support will be provided through a separate scope of work. Detailed per task descriptions of the proposed scope of work are noted below.

SCOPE OF WORK

Task #1: Survey and Basemap Preparation

WRTE proposes to utilize Toole Surveying Company (TSC) to provide field surveying and basemap enhancement services. The previously completed aerial survey of the East Augusta area will be used as the foundation for the project basemap. Specifics regarding this task include:

- WRTE will prepare and mail out property entry notification letters prior to field survey activities.
- A topographic map of the improved rights-of-way and limited easement areas will be completed.
- The topographic survey will show 1-foot contour intervals based on a 50' varying grid including spot shots on adjoining roadways and other paved surfaces in a manner sufficient to provide a clear understanding of existing conditions. Vertical control will be based on NAVD 1988 Datum.
- A minimum of two benchmarks will be established for the project.
- Buildings and other improvements that may be pertinent to the project will be taken from the Aerial Mapping. TSC will field locate any buildings deemed to be located within critical design areas to verify accurate location.
- Location of all visible / accessible drainage and sanitary sewer manholes including the top / invert elevation, pipe size and type within the project area will be mapped.
- Trees with a caliper over 15" will be located. Otherwise, tree / brush lines will be shown.
- Underground utilities will be compiled from a combination of the Public Spray Locate service, visible above ground structures and available utility maps. WRTE will engage public and private utility companies at the earliest possible time to allow for respective utility reviews. However, we assume no liability for the inclusion or accurate location of non-visible underground utilities.

- Property lines will be compiled from recorded deeds, plats, and field-located property corners.

Task #2: Concept Verification / Hydrologic and Hydraulic Modeling

Preliminary Hydrologic – Hydraulic (H & H) conditions for the project areas were modeled during the initial East Augusta Drainage Study. The results of the modeling, combined with field observations and public input, allowed for identification of general proposed improvements. WRTE will utilize this model and the resultant study recommendations as the baseline conditions. We will further enhance the model to more accurately define the necessary improvements. We will incorporate ground run survey data to model proposed improvements. The model will be refined concurrently with design activities and will be updated to reflect the proposed infrastructure improvements. The results of the H & H analysis will be summarized and compiled in report format. The report will include descriptions of the engineering methodology, the calculations and assumptions used during analysis, specific hydrologic and hydraulic data, and schematics depicting existing and proposed conditions.

Tasks #3 & #4: Construction Plans / Bid Documents

WRTE proposes to complete Construction Plans in three (3) phases: Preliminary Plans, Final Plans, and Final Construction Documents. The Preliminary Plan submittal will constitute a 60% complete plan and the Final Plan submittal will constitute a 95% complete plan. This process will allow AED two opportunities for review and comment prior to the Final Construction Document submittal. WRTE will schedule field plan review meetings that will coincide with the completion of both the Preliminary and Final Plan submittals. An opinion of probable construction cost and updated project schedule will be issued at each submittal milestone.

WRTE will also facilitate the following plan development tasks concurrent with design services:

- WRTE will prepare Erosion, Sedimentation & Pollution Control plans and submit the plans through the Planning and Zoning Department to coordinate the approval of the plans through local review agencies including NRCS.
- WRTE will coordinate impacts and plan reviews with private and public utilities.
- WRTE will coordinate and permit impacts to Georgia Department of Transportation right-of-way as applicable.

Task #5: Easement Maps

WRTE will prepare compiled easement maps for the acquisition of permanent and temporary construction easement as necessary for impacted locations outside of the City of Augusta right-of-way or easement. Preliminary easement maps will be submitted

following preliminary plans and final easement maps will be revised concurrent with final plan preparation.

Task #6: Bidding and Pre-Construction

WRTE will coordinate delivery of Final Construction Documents including technical specifications with AED and the City of Augusta Procurement Department. WRTE understands that the City of Augusta Procurement Department will prepare the project manual utilizing Augusta, Georgia front-end Construction Contract Documents (information to bidders, bid forms, etc.) and General Conditions. WRTE also understands that the Procurement Department will be responsible for advertising and bidding tasks including the reproduction and distribution of construction documents to bidders. WRTE will attend the pre-bid meeting and address Requests for Information (RFI's). WRTE will also attend the bid opening, tabulate the bids, confirm the accuracy of the bid submittals, and provide a letter of recommendation.

WRTE has successfully provided full-time Construction Management and Inspection (CM&I) services for AED on previous projects. Should these services be requested, WRTE commits to providing a CM&I team led by a licensed Professional Engineer. Fees for CM&I services will be based on unit rates and will be submitted under a separate man-hour and fee estimate proposal.

DELIVERABLES

- Project Basemap
- Concept Report, including Hydrologic – Hydraulic (H&H) Analysis and Order of Magnitude Opinion of Probable Construction Cost.
 - Preliminary H&H Report provided with Preliminary Plans submittal.
 - Final H&H Report provided with Final Plans submittal.
- Construction Plans
 - Preliminary Plans (60% Complete)– 3 sets for AED review and 5 sets for submittal to Planning and Zoning. WRTE will be responsible for distribution of digital drawing files to all Utility Companies.
 - Final Plans (95% Complete) – 3 sets for AED review.
 - Final Construction Documents (100% Complete) – 3 sets for AED.
 - Complete Bid Package (Construction Plans and Project Manual) - 1 digital copy (CD) to Augusta Procurement Department. Additional copies to AED as necessary.
 - Preliminary Compiled Easement Maps – 3 sets for AED review.

- Final Compiled Easement Maps - 3 sets for AED.
- Notice of Intent (NOI)
- All final documents to be submitted in electronic file format – 1 digital copy (CD) to AED

COMPENSATION SCHEDULE

Proposed fees per phase are based on the scope of work and tasks outlined above. Man-hour summaries are also included for each phase.

Services not included in this scope of work are noted below. WRTE will respectfully submit a supplemental services proposal based on the enclosed hourly rate schedule if these services are requested.

- Environmental
- Geotechnical
- Field Engineering
- Construction Management / Construction Observation & Monitoring
- Submittal or Permit Application Fees

SCHEDULE

WRTE will prepare a detailed schedule per phase upon your verbal notice to proceed. Schedules will be updated monthly at a minimum and at all deliverable milestones.

ADDITIONAL PROJECT NOTES

- Improvements will be designed to City of Augusta and GDOT standards as applicable. The Georgia Stormwater Manual will also be used as a design standard. Please note that construction plans will not be in GDOT PPG format.
- WRTE will provide AED with monthly project status reports for the entire duration of the design process.
- The proposed project areas are located in a densely developed urban area. Therefore, WRTE has not included environmental services (e.g., wetland delineations) in this scope of work. Environmental services, if necessary, would be delivered through a separate scope of work.
- Construction as-builts or record drawings are not included in this scope of work.



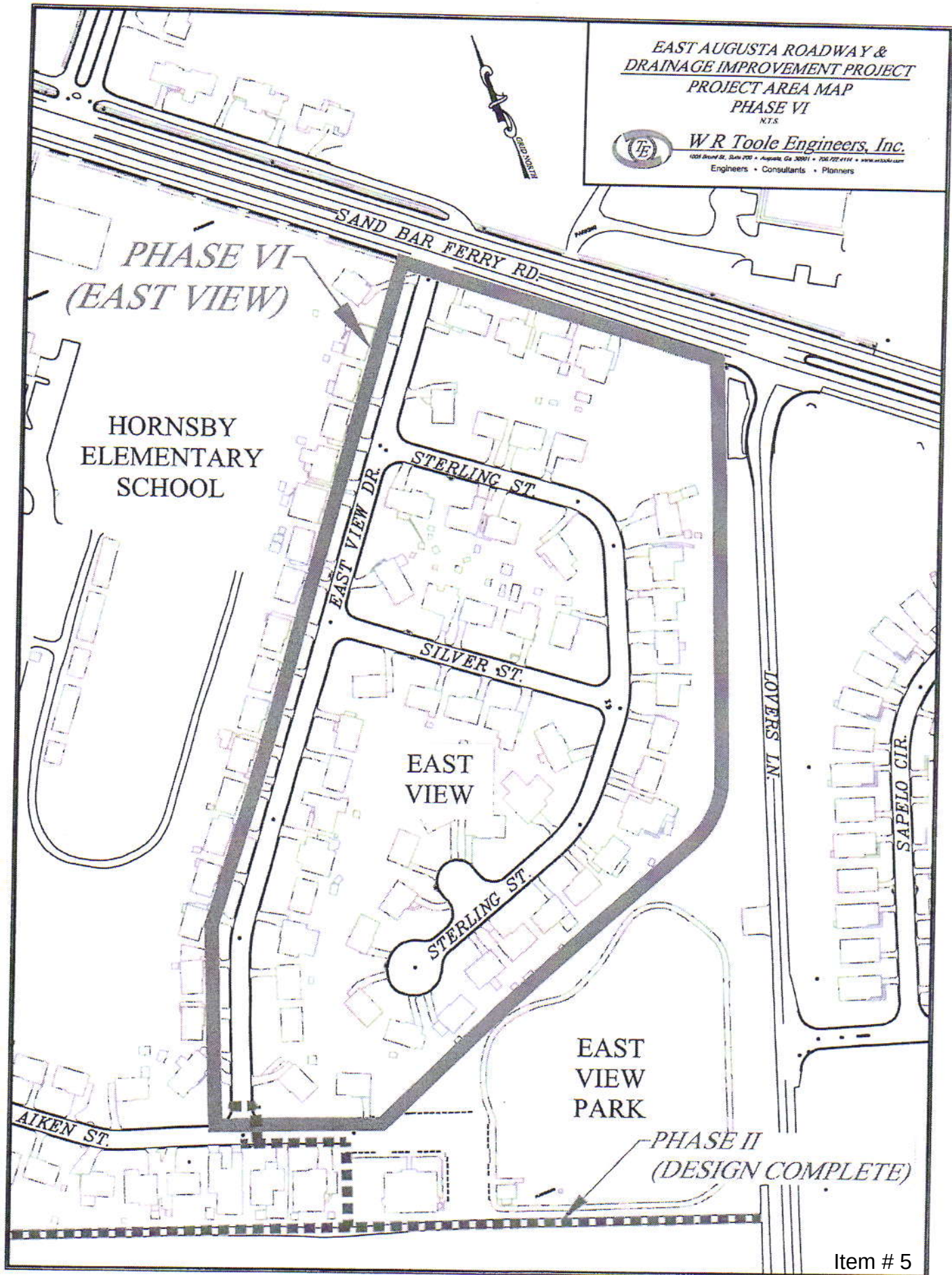
*EAST AUGUSTA ROADWAY &
DRAINAGE IMPROVEMENT PROJECT
PROJECT AREA MAP
PHASE VI*

N.T.S.



W R Toole Engineers, Inc.

1025 Broad St., Suite 200 • Augusta, Ga. 30901 • 706.722.4144 • www.wrtoole.com
Engineers • Consultants • Planners

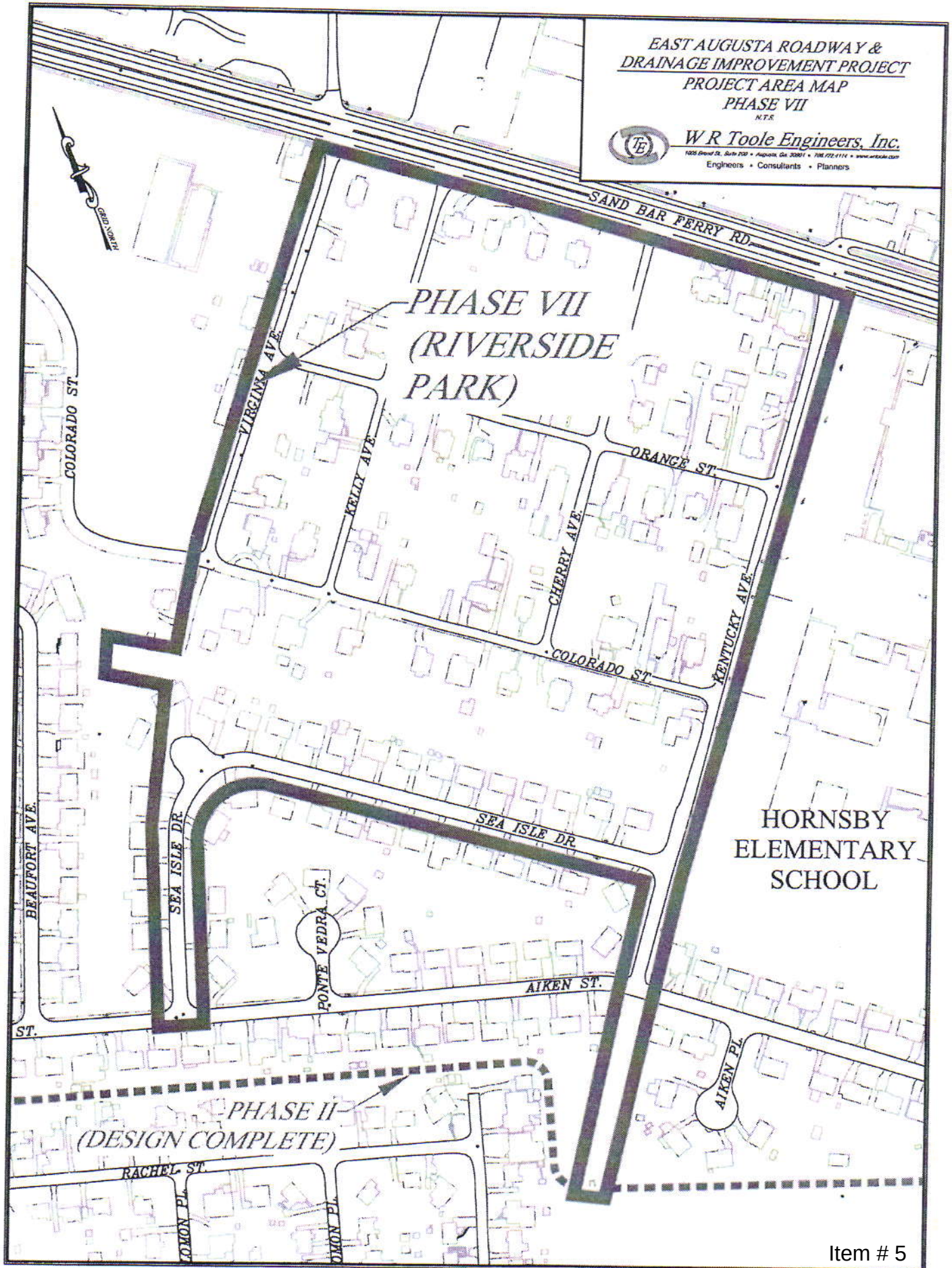


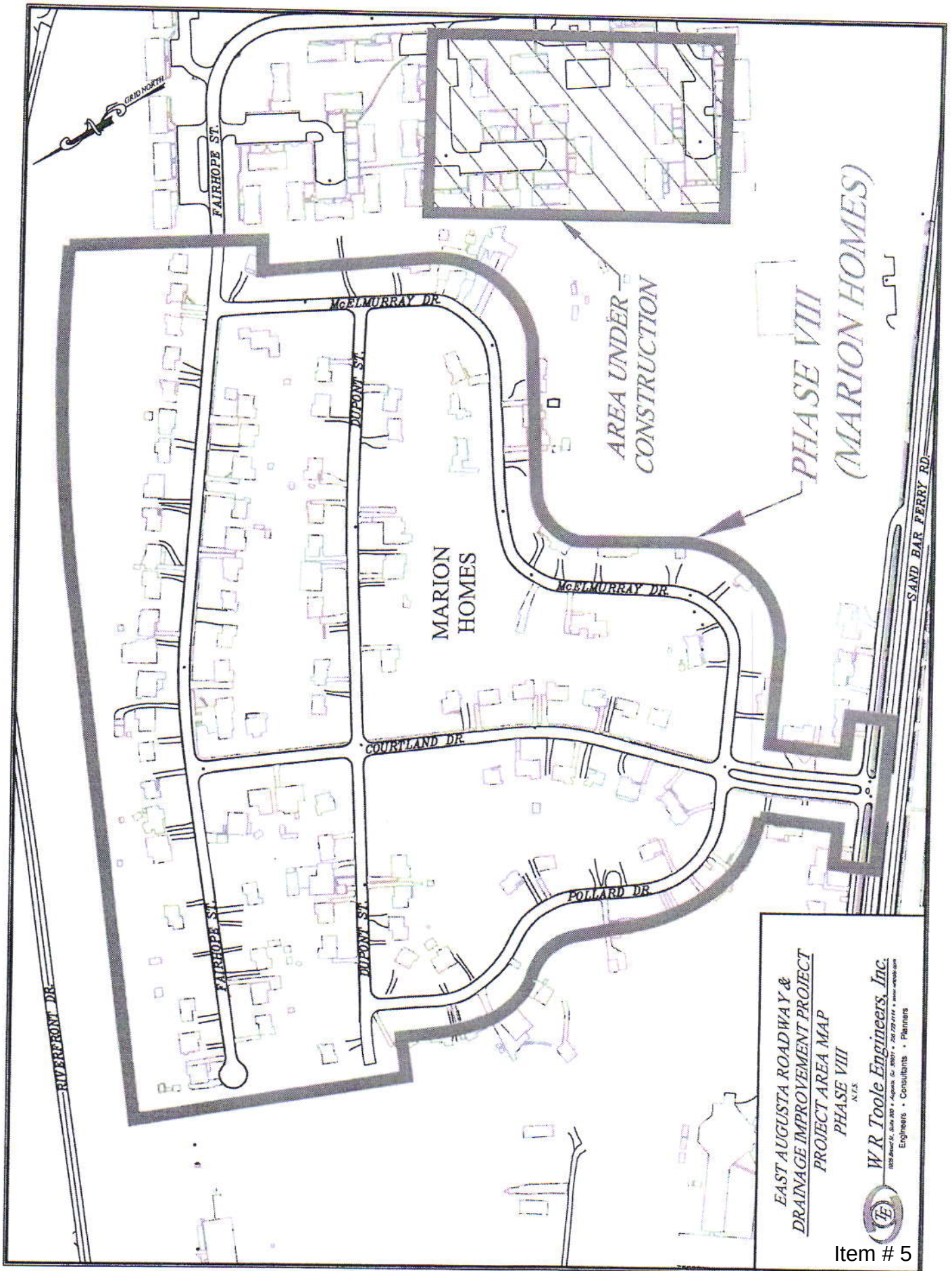
Item # 5

*EAST AUGUSTA ROADWAY &
DRAINAGE IMPROVEMENT PROJECT
PROJECT AREA MAP
PHASE VII
N.T.S.*



W R Toole Engineers, Inc.
1020 Grand St., Suite 100 • Augusta, Ga. 30901 • 706.722.1114 • www.wrtoole.com
Engineers • Consultants • Planners





					
Date: 5/15/2012 Project Location: East Augusta Owner: Augusta Engineering Department Project Name: East Augusta Road & Drainage Improvements; Ph IV-VIII County: Richmond					
Professional Fee Summary					
Phase ¹	Project Area	Estimated Construction Cost	Proposed Fee ²	Percent of Construction Cost	
IV	Hornsby East Telfair - Japonica Avenue East View Riverside Park Marion Homes	\$1,330,000	\$114,146	8.58%	
V		\$1,300,000	\$121,244	9.33%	
VI		\$500,000	\$49,109	9.82%	
VII		\$1,250,000	\$116,166	9.29%	
VIII		\$2,200,000	\$161,947	7.36%	
	Total	\$6,580,000	\$562,612	8.55%	
Notes: 1 Phases I through 3 developed under a separate contract. 2 Proposed fees include Surveying & Basemapping, Engineering Design, Easement Map Prep, and Pre-Bid Services.					

		Date: 5/15/2012 Project Location: East Augusta Owner: Augusta Engineering Department Project Name: Phase IV - Hornsby County: Richmond		Opinion of Probable Construction Cost: \$1,330,000.00					
		Man-Hour Summary							
Task #	Description	Principal-In-Charge	Senior Engineer	Project Manager	Engineer	Staff Engineer	CAD Operator	Administrator	Total
1	Database Preparation	0	0	6	0	14	0	2	22
2	Concept Verification / Hydrology and Hydraulics	4	0	16	0	150	80	0	250
3	Preliminary Construction Plans	4	0	24	0	110	150	0	288
4	Final Construction Plans	16	0	26	0	126	180	0	348
5	Easement Maps	0	0	8	64	0	0	0	72
6	Bidding & Pre-Construction Phase	0	0	3	0	40	0	5	48
Totals		24	0	83	64	440	410	7	1028
		Cost Summary							
Task #	Description	Labor Costs		Sub-Consultant Costs and Miscellaneous Direct Costs (Mileage & Reproduction)		Total Task Fee		Percent of Construction Cost	
1	Database Preparation	\$2,170.00		\$17,751.10		\$19,921.10		1.50%	
2	Concept Verification / Hydrology and Hydraulics	\$22,090.00		\$22.20		\$22,112.20		1.66%	
3	Preliminary Construction Plans	\$23,820.00		\$419.40		\$24,239.40		1.82%	
4	Final Construction Plans	\$29,480.00		\$397.20		\$29,877.20		2.25%	
5	Easement Maps	\$8,360.00		\$5,125.00		\$13,485.00		1.01%	
6	Bidding & Pre-Construction Phase	\$4,400.00		\$111.10		\$4,511.10		0.34%	
Totals		\$114,146.00		\$114,146.00		\$114,146.00		8.58%	

		Date: 4/2/2012 Project Location: East Augusta Owner: Augusta Engineering Department Project Name: Phase V - Telfair County: Richmond		Opinion of Probable Construction Cost \$1,300,000.00									
		Man-Hour Summary											
Task #	Description	Principal-In-Charge	Senior Engineer	Project Manager	Engineer	Staff Engineer	CAD Operator	Administrator	Total				
1	Database Preparation	0	0	4	0	12	0	2	18				
2	Concept Verification / Hydrology and Hydraulics	4	0	10	0	140	80	0	234				
3	Preliminary Construction Plans	4	0	30	0	100	160	0	294				
4	Final Construction Plans	10	0	40	0	140	220	0	410				
5	Easement Maps	0	0	8	64	0	0	0	72				
6	Bidding & Pre-Construction Phase	0	0	6	0	40	0	5	51				
Totals		18	0	98	64	432	460	7	1079				
Cost Summary													
Task #	Description	Labor Costs	Sub-Consultant Costs and Miscellaneous Direct Costs (Mileage & Reproduction)	Total Task Fee	Percent of Construction Cost								
1	Database Preparation	\$1,730.00	\$21,444.28	\$23,174.28	1.78%								
2	Concept Verification / Hydrology and Hydraulics	\$20,390.00	\$22.20	\$20,412.20	1.57%								
3	Preliminary Construction Plans	\$24,270.00	\$419.40	\$24,689.40	1.90%								
4	Final Construction Plans	\$34,200.00	\$397.20	\$34,597.20	2.66%								
5	Easement Maps	\$8,360.00	\$5,125.00	\$13,485.00	1.04%								
6	Bidding & Pre-Construction Phase	\$4,775.00	\$111.10	\$4,886.10	0.38%								
Total			\$121,244.18	9.33%									

Date: 4/2/2012
Project Location: East Augusta
Owner: Augusta Engineering Department
Project Name: Phase VI - East View
County: Richmond

Opinion of Probable Construction Cost

\$500,000.00

Man-Hour Summary

Task #	Description	Principal-In-Charge	Senior Engineer	Project Manager	Engineer	Staff Engineer	CAD Operator	Administrator	Total
1	Database Preparation	0	0	2	0	2	0	0	4
2	Concept Verification / Hydrology and Hydraulics	2	0	2	0	34	40	0	78
3	Preliminary Construction Plans	4	0	8	0	28	80	0	120
4	Final Construction Plans	6	0	10	0	50	100	4	170
5	Easement Maps	0	0	2	40	0	0	0	42
6	Bidding & Pre-Construction Phase	0	0	2	0	30	0	0	32
Totals		12	0	26	40	144	220	4	446

Cost Summary

Task #	Description	Labor Costs	Sub-Consultant Costs and Miscellaneous Direct Costs (Mileage & Reproduction)	Total Task Fee	Percent of Construction Cost
1	Database Preparation	\$440.00	\$9,690.83	\$10,130.83	2.03%
2	Concept Verification / Hydrology and Hydraulics	\$6,400.00	\$22.20	\$6,422.20	1.28%
3	Preliminary Construction Plans	\$9,480.00	\$419.40	\$9,899.40	1.98%
4	Final Construction Plans	\$13,640.00	\$430.50	\$14,070.50	2.81%
5	Easement Maps	\$4,850.00	\$625.00	\$5,475.00	1.10%
6	Bidding & Pre-Construction Phase	\$3,100.00	\$11.10	\$3,111.10	0.62%
Total				\$49,109.03	9.82%

Date: 4-2-2012

Project Location: East Augusta
Owner: Augusta Engineering Department
Project Name: Phase VII Riverside Park
County: Richmond

Opinion of Probable Construction Cost:

\$1,250,000.00

Man-Hour Summary									
Task #	Description	Principal-In-Charge	Senior Engineer	Project Manager	Engineer	Staff Engineer	CAD Operator	Administrator	Total
1	Database Preparation	0	0	4	0	18	0	0	22
2	Concept Verification / Hydrology and Hydraulics	4	0	20	0	120	80	0	224
3	Preliminary Construction Plans	4	0	24	0	100	180	0	308
4	Final Construction Plans	16	0	40	0	140	230	0	426
5	Easement Maps	0	0	8	80	0	0	0	88
6	Bidding & Pre-Construction Phase	0	0	8	0	48	0	0	56
Totals		24	0	104	80	426	490	0	1124

Cost Summary					
Task #	Description	Labor Costs	Sub-Consultant Costs and Miscellaneous Direct Costs (Mileage & Reproduction)	Total Task Fee	Percent of Construction Cost
1	Database Preparation	\$2,210.00	\$14,818.10	\$17,028.10	1.36%
2	Concept Verification / Hydrology and Hydraulics	\$19,740.00	\$22.20	\$19,762.20	1.58%
3	Preliminary Construction Plans	\$24,820.00	\$419.40	\$25,239.40	2.02%
4	Final Construction Plans	\$35,810.00	\$430.50	\$36,240.50	2.90%
5	Easement Maps	\$10,200.00	\$2,125.00	\$12,325.00	0.99%
6	Bidding & Pre-Construction Phase	\$5,560.00	\$11.10	\$5,571.10	0.45%
Total				\$116,166.30	9.29%

Date: 4/2/2012
Project Location: East Augusta
Owner: Augusta Engineering Department
Project Name: Phase VIII - Marion Homes
County: Richmond

Opinion of Probable Construction Cost:

\$2,200,000.00

Man-Hour Summary

Task #	Description	Principal-In-Charge	Senior Engineer	Project Manager	Engineer	Staff Engineer	CAD Operator	Administrator	Total
1	Database Preparation	0	0	4	0	18	0	0	22
2	Concept Verification / Hydrology and Hydraulics	4	0	24	0	120	100	0	248
3	Preliminary Construction Plans	4	0	40	0	150	240	0	434
4	Final Construction Plans	16	0	50	0	240	390	4	700
5	Easement Maps	0	0	8	80	0	0	0	88
6	Bidding & Pre-Construction Phase	0	0	8	0	80	0	0	88
Totals		24	0	134	80	608	730	4	1580

Cost Summary

Task #	Description	Labor Costs	Sub-Consultant Costs and Miscellaneous Direct Costs (Mileage & Reproduction)	Total Task Fee	Percent of Construction Cost
1	Database Preparation	\$2,210.00	\$23,778.63	\$25,988.63	1.18%
2	Concept Verification / Hydrology and Hydraulics	\$21,540.00	\$22.20	\$21,562.20	0.98%
3	Preliminary Construction Plans	\$35,470.00	\$419.40	\$35,889.40	1.63%
4	Final Construction Plans	\$57,140.00	\$430.50	\$57,570.50	2.62%
5	Easement Maps	\$10,200.00	\$2,125.00	\$12,325.00	0.56%
6	Bidding & Pre-Construction Phase	\$8,600.00	\$11.10	\$8,611.10	0.39%
Total				\$161,946.83	7.36%



**Engineering Services Committee Meeting
5/29/2012 1:00 PM
Fort Gordon New Positions**

Department: Utilities

Caption: Authorize Augusta Utilities to add four new positions to serve Fort Gordon and increasing customer demands.

Background: In 2007 Augusta Utilities Department entered into a contract with the Department of the Army to operate and maintain the water and wastewater system at Fort Gordon. Part of the contract negotiations was to estimate the number of positions required to perform daily operations and maintenance functions. The contract also provides for the ability to add positions based on unforeseen and new responsibilities at any time through contract scope changes and at the end of the first two-year period and each three-year period thereafter. Both of these procedures result in an adjustment to the monthly Operation & Maintenance fees (O & M) to offset additional cost. Since taking over the system and having time to analyze the infrastructure, we have realized greater customer service needs than originally anticipated and the need to add additional employees to meet contract obligations. We negotiated the need for these positions and Fort Gordon approved an increase in O & M fees at the redetermination period in 2010 so that all projected increased costs will be reimbursed by the increased revenue from Fort Gordon in the 2012 budget. However, these positions were not included in the 2012 budget.

Analysis: The contract between the City of Augusta and DESC allows for four new positions. AUD is requesting the following four positions: Water Distribution Supervisor-I (Pay Grade 43), Sewage Collections Supervisor-I (Pay Grade 43), Sewage Collections Supervisor-II (Pay Grade 45), Office Manager (Pay Grade 47) The initial annual salary cost is \$125,654, which will be offset by the increased 2012 O & M fees from Fort Gordon

Financial Impact: There is no net decrease in operating funds for this agenda item since increased revenues budgeted in 2012 from Fort Gordon has more than offset the increased salary costs.

Alternatives: 1) Approve this item and meet Augusta's contract terms with Fort

Cover Memo

Item # 6

Gordon. 2) Do not approve this item and do not meet Augusta's contract terms with Fort Gordon.

Recommendation: We recommend that the commission authorize Augusta Utilities to add four new positions to meet contract obligations.

**Funds are Available
in the Following
Accounts:** 506-04-3430-5111110 for salary expenditure, offset by Fort Gordon reimbursement revenue budgeted in 506-00-0000-3343115.

REVIEWED AND APPROVED BY:

Finance.

Procurement.

Law.

Administrator.

Clerk of Commission



**Engineering Services Committee Meeting
5/29/2012 1:00 PM
Georgia Power Easement Sheriffs Detention Mgmt System**

Department: Engineering Department-Abie L. Ladson, PE, CPESC, Director

Caption: Approve granting Georgia Power an easement for their utilities to provide electrical service to the new Augusta Sheriff's Detention Management Services building at 402 Walton Way , as requested by AED. Also approve having the agreement executed by the appropriate Augusta official(s).

Background: Georgia Power is requesting an easement for the underground distribution line to service this facility. Augusta, Georgia is the owner of this property; therefore, Augusta should sign granting the easement.

Analysis: This easement will allow Georgia Power to provide electrical service to the new building and also to maintain this service.

Financial Impact: There will be no financial impact to Augusta, Georgia.

Alternatives: 1) Approve granting Georgia Power an easement for their utilities to provide electrical service to the new Augusta Sheriff's Detention Management Services building at 402 Walton Way, as requested by AED. Also approve having the agreement executed by the appropriate Augusta official(s). 2) Do not approve and deny electrical service to the facility.

Recommendation: Approve Alternative Number One.

Funds are Available in the Following Accounts: N/A

REVIEWED AND APPROVED BY:

Finance.

Cover Memo

Item # 7

**Law.
Administrator.
Clerk of Commission**

Name of Line	AUGUSTA SHERIFF'S DETENTION MGMT SERVICES		
No 13151	(RICHMOND COUNTY) UNDERGROUND DISTRIBUTION LINE		
Parcel No	001	Account No	69596-VBS-0-E04311-0-GP300-30000000
Letter File	9-10682	Deed File	19084 Map File N/A

State of Georgia

UNDERGROUND EASEMENT

Richmond County

Received of Georgia Power Company, hereinafter called the Company, the sum of
Ten and 00/100 ***** Dollars

\$ 10.00 and other good and valuable consideration, the receipt and
sufficiency whereof is hereby acknowledged, in exchange for which the undersigned

AUGUSTA, GEORGIA f/k/a/ CITY COUNCIL OF AUGUSTA

whose Post Office Address is

530 Greene Street, Augusta, GA 30901

does hereby grant and convey to said Company, its successors and assigns,
the right, privilege and easement to go in, upon along, across, under, and
through that tract of land owned by the undersigned at

402 Walton Way, Augusta, GA 30901

(address of property) in the 87 GMD (Georgia Militia District) of
Richmond County, Georgia.

Said lands being more particularly described on a plat marked
"Exhibit A" and attached hereto and made a part hereof,

together with the right to construct, operate and maintain continuously
upon and under said land, its lines for transmitting electric current with
wires, transformers, service pedestals, manholes, conduits, cables, and
other necessary apparatus, fixtures, appliances of any other company, or
person; together with the right to assign this easement in whole or in part;
together with the right at all times to enter upon said premises for the
purpose of inspecting said lines, making repairs, renewals, alterations and
extensions thereon, thereunder, thereto or therefrom; together with the right
to cut away and keep clear of said underground lines, transformers, fixtures
and appliances, all trees and other obstructions that may now or hereafter in
any way interfere or be likely to interfere with the proper operation of said
underground lines, transformers, fixtures and appliances, also the right of
ingress and egress over said land from said lines. The rights herein granted
include all the necessary rights for Company and its assigns to install and
maintain electrical lines and communication facilities to existing and future
structure(s) under the easement terms herein provided, on the property of the

 Parcel 001 Name of Line AUGUSTA SHERIFF'S DETENTION MGMT SERVICES

undersigned. Any timber cut on said land by and for said Company shall remain the property of the owner of said timber.

Said Company shall not be liable for or bound by any statement or understanding not herein expressed.

IN WITNESS WHEREOF, the undersigned ha____ hereunto set _____ hand____ and seal, this _____ day of _____, _____.

Signed, sealed and delivered
 in the presence of:

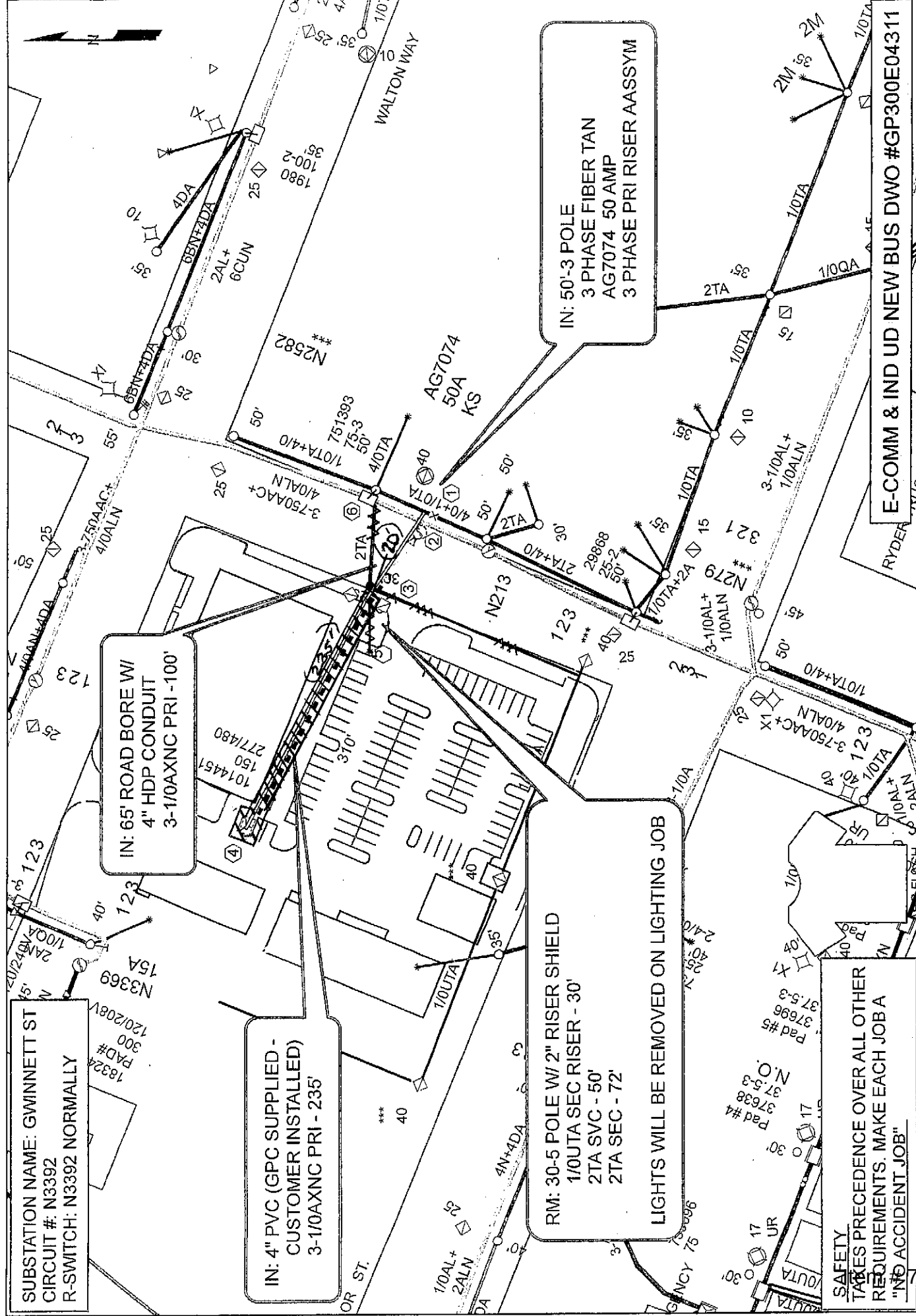
AUGUSTA, GEORGIA f/k/a/ CITY COUNCIL OF
 AUGUSTA

 Witness

By: _____ (SEAL)
 Name:
 Title:

 Notary Public

Attest: _____ (SEAL)
 Name:
 Title:



GEORGIA POWER
A SOUTHERN COMPANY

MAP REFERENCE
JOB TITLE: AUGUSTA SHERIFF'S -- DETENTION MGMT SERVICES
LOCATION: 398 WALTON WAY
1125-1172

E-COMM & IND UD NEW BUS DWO #GP300E04311

GEORGIA POWER COMPANY
ENGINEERED BY: HIXON, J.L.

Scale
0' 12.5' 25' 50' 75' 100'

EXHIBIT A

SAFETY:
TAKES PRECEDENCE OVER ALL OTHER REQUIREMENTS. MAKE EACH JOB A "NO ACCIDENT JOB"

Not to Scale



**Engineering Services Committee Meeting
5/29/2012 1:00 PM
Mike Samadi**

Department: Clerk of Commission

Caption: Presentation by Mr. Mike Samadi regarding issues with the garbage collection service and solid waste billing.

Background:

Analysis:

Financial Impact:

Alternatives:

Recommendation:

**Funds are Available
in the Following
Accounts:**

REVIEWED AND APPROVED BY:

AGENDA ITEM REQUEST FORM

Commission meetings: First and third Tuesdays of each month - 5:00 p.m.
Committee meetings: Second and last Mondays of each month - 12:45 to 2:15 p.m.

Commission/Committee: (Please check one and insert meeting date)

☒	Commission	Date of Meeting	6/5/2012
☐	Public Safety Committee	Date of Meeting	
☐	Public Services Committee	Date of Meeting	
☐	Administrative Services Committee	Date of Meeting	
☒	Engineering Services Committee	Date of Meeting	5/29/2012 @ 1:00pm
☐	Finance Committee	Date of Meeting	

Contact Information for Individual/Presenter Making the Request:

Name: Mike Samochi
Address: 4555 Betty Branch Way, Evans, GA 31829
Telephone Number: 706-364-0555
Fax Number: 706-364-0558
E-Mail Address: m.samochi@att.net

Caption/Topic of Discussion to be placed on the Agenda:

Trash & Solid Waste Billing: I would like to have the Properties
in which we own or managed Removed from Tax Bill.
The Fees are unreasonable, Service is Terrible, Town Contractors make me
leave Trash Behind, don't Pick up or from time to time - we have to Contact
your land field regarding lack of Service. Thank M S

Please send this request form to the following address:

~~Ms. Lena J. Bonner~~ → Ms. Lena J. Bonner
Clerk of Commission
Room 806 Municipal Building
530 Greene Street
Augusta, GA 30911
Telephone Number: 706-821-1820
Fax Number: 706-821-1838 → Attn: Ms. Bonner
E-Mail Address: lbonner@augustaga.gov

Requests may be faxed, e-mailed or delivered in person and must be received in the Clerk's Office no later than 5:00 p.m. on the Wednesday preceding the Commission or Committee meeting of the following week. A five-minute time limit will be allowed for presentations.



**Engineering Services Committee Meeting
5/29/2012 1:00 PM
Minutes**

Department: Clerk of Commission

Caption: Motion to approve the minutes of the Engineering Services Committee held on May 7, 2012.

Background:

Analysis:

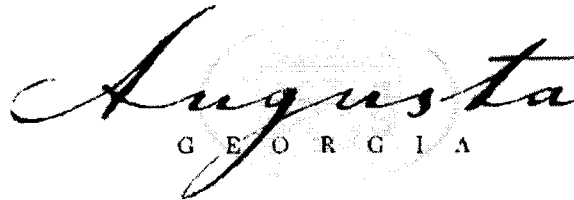
Financial Impact:

Alternatives:

Recommendation:

**Funds are Available
in the Following
Accounts:**

REVIEWED AND APPROVED BY:



Engineering Services Committee Meeting Commission Chamber - 5/7/2012

ATTENDANCE:

Present: Hons. Smith, Vice Chairman; Jackson and Johnson, members.

Absent: Hons. Deke Copenhaver, Mayor; Mason, Chairman.

ENGINEERING SERVICES

1. Presentation by Mr. Greg Peverall of Waste Management regarding the 2013 Solid Waste Collection Contract. **Item Action:** None

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
	Mr. Peverall is not present for the meeting.			

2. Presentation by Ms. Mary O'Brien of Advanced Disposal regarding the 2013 Solid Waste Collection Contract. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to receive the presentation as information. Motion Passes 3-0.	Commissioner Corey Johnson	Commissioner Joe Jackson	Passes

3. Discuss 2013 Solid Waste Collection Contract. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
	Motion to approve Option			

Approve B with once a week
garbage pickup and
include the incentive perk
homeowner for the
recycling program and
refer it to the Commission
meeting next Tuesday.
Motion Passes 3-0.

Commissioner Joe Jackson Commissioner Corey Johnson Passes

4. Motion to approve and accept Deeds of Dedication for Sanitary Sewer off Augusta West Parkway. **Item Action:**
Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Corey Johnson	Commissioner Joe Jackson	Passes

5. Motion to approve and accept easement deeds for the Dixon Airline Road gravity sanitary sewer. **Item Action:**
Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Corey Johnson	Commissioner Joe Jackson	Passes

6. Consider Proposal for Golf Course Water Rates. **Item Action:**
Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
	Motion to approve the recommendation for the design and construction of the raw water conversion plan for the golf courses,			

develop a rate for the raw water customers, allow First Tee to begin receiving a rate of \$143 per month, begin negotiations with the customers regarding updates of their systems to tie into the city's new infrastructure changes, and work toward having the process completed in approximately six months.

Approve Commissioner Joe Jackson Commissioner Corey Johnson Passes

Motion Passes 3-0.

7. Consider Cost Sharing Agreement for Utility Work related to Goodwill Expansion. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve the cost sharing agreement with an additional \$10,018 to be paid to Goodwill.	Commissioner Corey Johnson	Commissioner Joe Jackson	Passes

Motion Passes 3-0.

8. Motion to award a contract modification to Roof Professionals, Inc. for additional roofing and HVAC upgrades at the Highland Avenue Water Treatment Filter Plant (HAWTP) complex in the amount of \$58,395. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve.	Commissioner Corey Johnson	Commissioner Joe Jackson	Passes

Motion Passes 3-0.

9. Motion to approve the acquiring of a parcel or tract of property in fee simple located at 4010 Deans Bridge Road for a purchase price of \$37,000.00, as more fully described in the Sales Option between Southeastern Paralyzed Veterans of America f/k/a Georgia Carolina Paralyzed Veterans Association, Inc., as owner, **Item Action:** Approved

and Augusta, Georgia, as optionee, attached as Exhibit A, in connection with the Fort Gordon Gate 4 Water Main and Pumping Station Project, as well as the acquiring of a 5,224 sq. ft. temporary construction easement. Said temporary easement will revert to owner upon completion, testing and acceptance of the public sanitary sewer.

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Joe Jackson	Commissioner Corey Johnson	Passes

10. Approve entering into an agreement with Georgia Power, stating that the City of Augusta will pay for the Transmission Facility Relocation Costs on the Marvin Griffin Road Project in accordance with the estimate totaling \$160,370.00, Change Number Four, CPB# 323-041110-296823603. Also, approve the two Utility Relocation Agreements to be executed by the City of Augusta Legal Counsel and the Mayor and approve payment upon completion of the work as requested by Augusta Engineering Department.
- Item Action:**
Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Corey Johnson	Commissioner Joe Jackson	Passes

11. Motion to approve the minutes of the Engineering Services Committee held on April 23, 2012.
- Item Action:**
Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 3-0.	Commissioner Corey Johnson	Commissioner Joe Jackson	Passes

www.augustaga.gov



**Engineering Services Committee Meeting
5/29/2012 1:00 PM
Option for Right of Way**

Department:	Law
Caption:	Motion to approve an Option for the purposes of acquiring a Right-of-Way between Family Broadcasters, Inc., as owners, and Augusta, Georgia, as optionee, in connection with the East Augusta Roadway and Drainage Improvement Project, 6.9 acres (300,815 sq. ft.) in fee simple and (N/A sq. ft.) of permanent drainage and utility easement, more or less; and (N/A sq. ft.) of temporary construction easement from property located at: 580 Laney Walker Blvd. Ext., private, at the purchase price of \$138,000.00.
Background:	The property owner has agreed to convey a certain right-of-way and easement to Augusta, Georgia, for the East Augusta Roadway and Drainage Improvement Project.
Analysis:	The purchase of the referenced property is necessary for the project.
Financial Impact:	The costs necessary for this purchase will be covered under the project budget.
Alternatives:	Deny the Motion
Recommendation:	Approve the Motion
Funds are Available in the Following Accounts:	327041110-5411120 209812101-5411120

REVIEWED AND APPROVED BY:

**Finance.
Law.**

Cover Memo

Item # 10

**Administrator.
Clerk of Commission**

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 138,000.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and easements to the land owned by the undersigned, which is shown reflected in color on the right-of-way map attached hereto and made a part hereof by reference, to be used for highway purposes on the EAST AUGUSTA ROADWAY AND DRAINAGE PROJECT, being Tax Map 061-4, Parcel(s) 003-01, consisting of 6.90 acres (300,816 sq. ft.) in fee, more or less, and N/A sq. ft. of permanent drainage, utility and maintenance easement, more or less, and N/A sq. ft. of temporary construction easement, more or less, on project EAST AUGUSTA ROADWAY AND DRAINAGE.

*****SPECIAL PROVISION*****

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the EAST AUGUSTA ROADWAY AND DRAINAGE PROJECT.

Witness my hand and seal this 5 day of April, 2012.

Signed, Sealed and Delivered
in the presence of:

Gerardo Danner
Unofficial Witness

Janey Ann
NOTARY PUBLIC

Notary Public South Carolina
Commission expires 6/16/2016

FAMILY BROADCASTERS, INC.

[Signature] (L.S.)
As Mr.

____ (L.S.)

____ (L.S.)

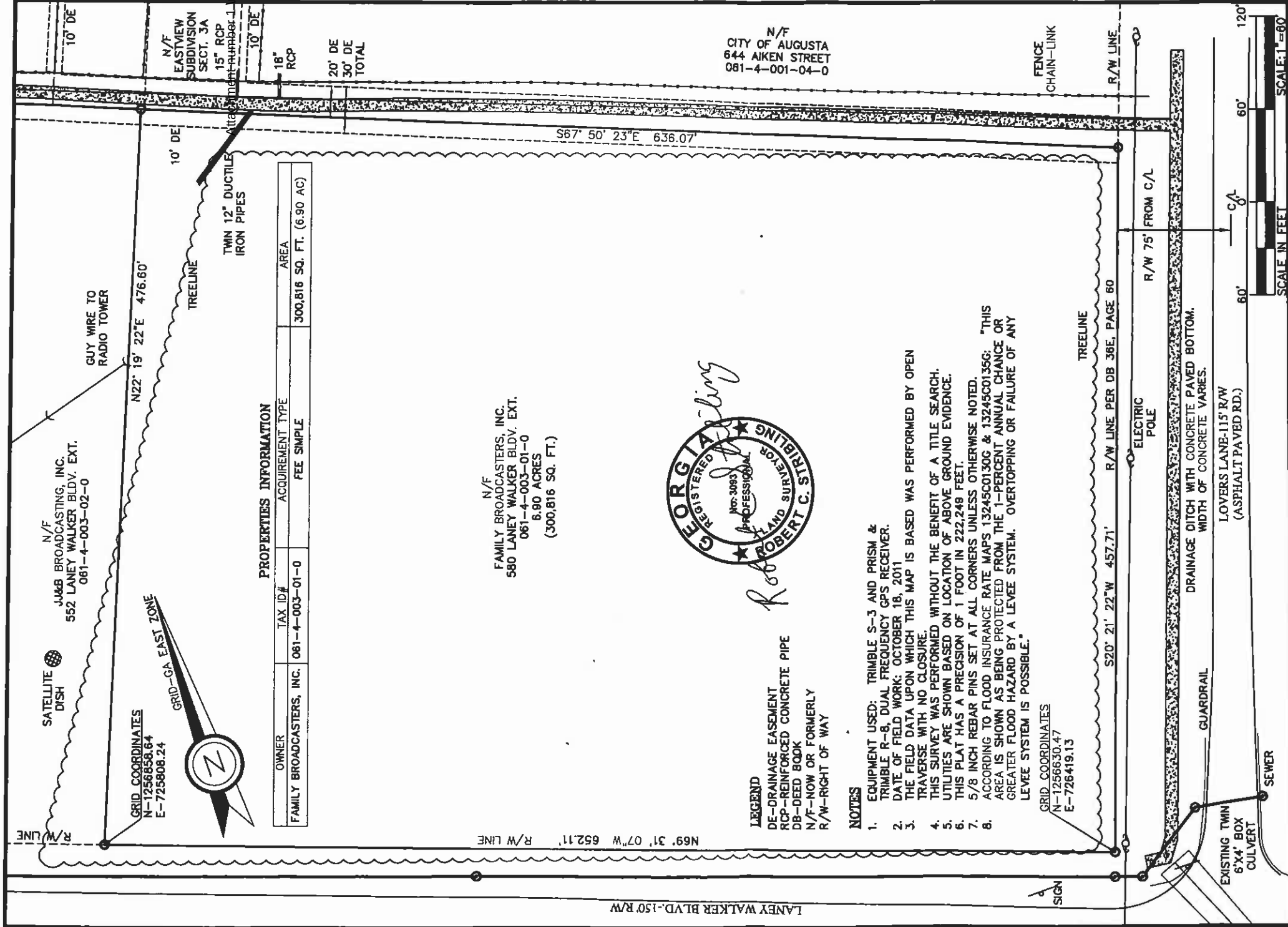
Accepted by:
AUGUSTA, GEORGIA

Administrator

DATE

Tax Map 061-4, Parcel(s) 003-01.

INITIALS _____



PLAT FOR	AUGUSTA RICHMOND COUNTY COMMISSION			
	PROPERTY LOCATED AT 580 LANEY WALKER BLVD. EXT., PARCEL NO. 061-4-003-01-0			
STATE: GEORGIA		COUNTY: RICHMOND		
JOB NO.: 11-0019		SCALE: 1"=60'		
RCS FLD: BR		DRN: RCS	CHK: RCS	
DATE: 10/28/10		FILE: 11-0019-7AC.DWG		
AUGUSTA-RICHMOND COUNTY ENGINEERING DEPARTMENT				
505 TELFAIR STREET, AUGUSTA, GEORGIA 30901				
Tel. (706)-796-5040 Fax (706)-796-5045				
ABIE L. LADSON, P.E., DIRECTOR				



Engineering Services Committee Meeting
5/29/2012 1:00 PM
Staff Augmentation & Professional Services Extension (SA6)

Department: Abie L. Ladson, PE, CPESC, Director

Caption: Authorize the Engineering Department to extend Supplemental Agreement Number Six with Jacobs Engineering Group Inc., to continue to provide project management support via staff augmentation in the amount not to exceed \$172,200 which will be funded from SPLOST Contingency funds for the Engineering Department.

Background: Augusta-Richmond County is responsible for on-going Preliminary Engineering activities on several Georgia Department of Transportation (GDOT) projects to include Alexander Drive, St. Sebastian Street Extension, Windsor Spring Road Sections IV & V and Wrightsboro Road. These projects are in various stages of development and require knowledgeable, efficient and effective interaction and coordination with GDOT, the respective Design Consultants and work units within Augusta-Richmond County.

Analysis: On June 7, 2005 the Commission approved the initial agreement with Jacobs Engineering Group Inc. for David Griffith to provide staff support as Project Manager. This agreement has proven to be very effective and beneficial to the Engineering Department. David's knowledge of the GDOT processes and understanding of how to request assistance on projects has resulted in saving the Engineering Department millions of dollars. He has also been successful in finding and securing finding funds for projects after the original funds for these projects had been reallocated to other projects. It is the desire of the Engineering Department to extend this agreement.

Financial Impact: Funding for Supplemental Agreement Number Six will come from the SPLOST contingency funds (\$57,400) in respective to projects Windsor Spring Road, Section IV, Windsor Spring Road, Section V and Wrightsboro Road not to exceed \$172,200 transferred to the current contract with Jacobs Engineering Group.

Alternatives: 1) Authorize the Engineering Department to extend Supplemental Agreement Number Six with Jacobs Engineering Group Inc to

continue to provide project management support via staff augmentation in the amount not to exceed \$172,200 which will be funded from SPLOST Contingency funds for the Engineering Department. 2)Deny and acknowledge that ARC managed GDOT projects may jeopardize funding opportunities and experience delays.

Recommendation: Approve Alternative 1.

**Funds are Available
in the Following
Accounts:** 323-041110-5212999

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

**AUGUSTA, GA ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

Augusta Richmond County Project Number(s):	N/A
Supplemental Agreement Number:	6
Purchase Order Number:	P113792

WHEREAS, We, Jacobs Engineering Group Inc., Consultant, entered into a contract with Augusta-Richmond County on June 7, 2005, to provide Project Management support associated with the "Temporary Professional Services Support", File Reference No. 12-005 (F), and

WHEREAS, changes are incorporated into the original contract to provide clarity and project management guidance:

- 1) The Consultant will provide a Project Manager to assist Augusta Engineering Department (AED).
- 2) The Consultant's Project Manager will assist in managing the Georgia Department of Transportation (GDOT) federal aid projects that are currently in the Work Program for which AED has preliminary engineering responsibility. The priority projects are Wrightsboro Road and Windsor Spring Road.
- 3) The Consultant's Project Manager will provide training to AED's Engineering Manager or designee to manage transportation projects that are fully or partially funded by GDOT and/or FHA. The Consultant's Project Manager and the AED designee shall work as a team.
- 4) The Consultant's Project Manager will coordinate all activities requiring AED's decisions or funds with AED's Assistant Director of Engineering.
- 5) The Consultant's Project Manager will have bi-weekly progress meetings with AED's designated staff to discuss project progress, scheduling, coordination status and any key item effecting progress of the projects.

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

***Professional advice and consulting services regarding
project management support via staff augmentation.***

It is agreed that as a result of the above described modification the contract amount is increased by \$172,200 from \$1,115,400 to a new total of \$1,287,600.

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, Jacobs Engineering Group Inc., Consultant, hereby agree to said Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

This _____ day of _____, 2012.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Mayor Deke S. Copenhaver

Approved: Date _____

ATTEST:

Title: _____

JACOBS ENGINEERING GROUP INC.,

Approved: Date _____
[ATTACHED CORPORATE SEAL]

ATTEST:

Title: _____



**Engineering Services Committee Meeting
5/29/2012 1:00 PM**

Utilities Upgrade of Itron 60W Radio Read Transmitters to 100W Radio Read Transmitters

Department: Utilities, Tom Wiedmeier, Director

Caption: Approve Utilities upgrade of Itron 60W Radio Read Transmitters to 100W Radio Read Transmitters.

Background: In 2003, AUD began a program of replacing or, where possible, converting meters to radio read. Since that time, approximately 31,000 of our 68,000 meters are radio read. At that time a decision was made to use Itron electronic meter reading products, as they are the world's largest provider, and all major meter manufacturers can be converted to Itron radio read, which allows us to change meter companies, but keep the same electronic reading equipment. The majority of the Electronic Radio Transmitters (ERT's) we have in our system are the Itron 60W.

Analysis: In 2011, Itron created a new technology in electronic reading that adds a microchip to the electronic reading device that can be set to record and save up to 40 days of daily reading data. This information can then be downloaded and saved each time monthly readings are taken so that we will have retrievable data for many months on meter usage for all meters using this technology. These ERT's are the Itron 100w and are also 25 times more powerful than the 60W's. This data will be very helpful in investigating high consumption cases. In most problematic cases, high consumption happens during one month and by the time we find out there is a problem, the high consumption ends and our data logging equipment can only give us detailed usage during the month after the problem has occurred, which may not be helpful. With this new technology we will provide much better customer service and more answers for difficult account problems. We have been experiencing a higher than expected error rate on our 60W ERT's, which comprises the majority of the ERT's we currently have installed. These errors require us the time and effort to manually reread any account with a malfunctioning ERT. Recently, Itron informed us that they have discovered that, in some lots of their 60W ERT's that were manufactured by a specific vendor, a component, that can become faulty, is causing a higher than expected error rate, approximately 10% versus an acceptable error rate of less than 1%. Itron has offered to replace

at Cover Memo
Item # 12

all our existing 60W ERT's that are from lots that may malfunction, including the labor, with new 60W ERT's that do not have the problematic component. Because we no longer want to continue to use the old model of ERT's (60W), due to the newer, better technology and power of the new 100W ERT's, we have proposed that Itron replace the problematic ERT's with new higher-priced 100W ERT's. Itron has agreed to do this if we will pay the price-point differential between the 60W and the 100W.

Financial Impact: We are not exactly sure of the number of ERT's that will need to be replaced, but we do know the cost we expect to incur for upgrading to this new technology will be no higher than \$295,000.

Alternatives: Have Itron replace current 60W ERT's with 60W's at no cost, but keep older technology without data logging capability.

Recommendation: AUD recommends approving the upgrade of Itron 60W Radio Read Transmitters to 100W Radio Read Transmitters.

Funds are Available in the Following Accounts: Total cost of upgrading to 100W ERT's is available in 506-04-3210-5315111.

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**



Electric / Gas / Water
Information collection, analysis and application

2111 N. Molter Rd.
Liberty Lake, WA 99019
fax: 866-787-6910
www.itron.com

Pricing Summary for
Augusta, GA

March 28, 2012
BMR# 1465-12 Ver1 Mar

Item	Part Number	Description	Qty	Unit Price	Extended Price	Notes
ERT's						
1	ERW-1300-208	100WP ERT, Pulser with Integral Connector and Antenna Connector (Installation Services Included - Removal of existing ERT product; installation of new ERT, pit set meter)		\$135.00		(1-3)
		100W ERT Discount		(\$110.00)		
			11,800	\$25.00	\$295,000.00	
		ERT Total			\$295,000.00	

Notes and Assumptions

- (1) Discounted pricing is valid for 11,800 - 60WP ERT diode affected replacements.
Customer must provide an RMA # on the Purchase Order. The quantity purchased must match the quantity of 60WP's returned for warranty replacement.
- (2) If during installation services of 11,800 -100W's the register is found to be damaged, there will be an additional charge of \$6.24 per register exchange.
- (3) Full warranty is consistent with the warranty terms in the Agreement for the first 10 years from date of shipment.
For warranty claims in years 11 through 15, Itron's sole obligation will be to provide Customer with a discount on replacement product equal to 50 percent of its then-current list price for the replacement product.
For warranty claims in years 16 through 20, Itron's sole obligation will be to provide Customer with a discount on replacement product equal to 25 percent of its then-current list price for the replacement product.
- (4) Freight, taxes, duties, and tariffs are not included. Prices are in US dollars. Prices are valid for 90 days.

Item # 12

E-Verify # 141348

Print Form



**Sole Source Justification (Reference Article 6, Procurement Source Selection
Methods and Contract Awards, § 1-10-56 SOLE SOURCE PROCUREMENT**

Vendor: Badger MetersCommodity: Radio Read TransmittersEstimated annual expenditure for the above commodity or service: \$ 295,000

Initial all entries below that apply to the proposed purchase. Attach a memorandum containing complete justification and support documentation as directed in initialed entry. (More than one entry will apply to most sole source products/services requested).

1. SOLE SOURCE REQUEST IS FOR THE ORIGINAL MANUFACTURER OR PROVIDER, THERE ARE NO REGIONAL DISTRIBUTORS. (Attach the manufacturer's written certification that no regional distributors exist. Item no. 4 also must be completed.)
2. SOLE SOURCE REQUEST IS FOR ONLY THE AUGUSTA GEORGIA AREA DISTRIBUTOR OF THE ORIGINAL MANUFACTURER OR PROVIDER. (Attach the manufacturer's — not the distributor's — written certification that identifies all regional distributors. Item no. 4 also must be completed.)
- X 3. THE PARTS/EQUIPMENT ARE NOT INTERCHANGEABLE WITH SIMILAR PARTS OF ANOTHER MANUFACTURER. (Explain in separate memorandum.)
- X 4. THIS IS THE ONLY KNOWN ITEM OR SERVICE THAT WILL MEET THE SPECIALIZED NEEDS OF THIS DEPARTMENT OR PERFORM THE INTENDED FUNCTION. (Attach memorandum with details of specialized function or application.)
5. THE PARTS/EQUIPMENT ARE REQUIRED FROM THIS SOURCE TO PERMIT STANDARDIZATION. (Attach memorandum describing basis for standardization request.)
6. NONE OF THE ABOVE APPLY. A DETAILED EXPLANATION AND JUSTIFICATION FOR THIS SOLE SOURCE REQUEST IS CONTAINED IN ATTACHED MEMORANDUM.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the service or material described in this sole source justification be authorized as a sole source for the service or material.

Name: Steve LittleDepartment: UtilitiesDate: May 17, 2012Department Head Signature: *Tom D. Wadman*Date: 5/18/12Approval Authority: *[Signature]*Date: 5/21/12COMMENTS: *Peri Jan 5/21/12*

Rev. 10/24/11

**UTILITIES DEPARTMENT****Tom Wiedmeier**
Director**MEMORANDUM**

DATE: May 18, 2012
TO: Geri Sams, Director Procurement
FROM: Tom Wiedmeier, Director Utilities *tdw* Date: 5/18/12
SUBJECT: Sole Source Purchase of 100 WP Radio Read Transmitters

The upgrade of our Radio Read Transmitters from model 60WP to 100WP is desirable to provide additional data technology. The Utilities Department has utilized the Itron Radio Read technology in all of our water meters. These transmitters are available from Badger Meters with a pre-programmed data bank in place. Badger meters is the only service that can provide the data link between our presently used meters and the new transmitters without a major additional cost linked to new processes and additional shipping and handling costs. Itron is the manufacturer of the system presently in place within Augusta. They have contracted with Badger Meters to provide the programming that links their product to our meters.

Please contact me if you have any questions.

Steve Little
706-312-4124

Augusta Utilities Administration
360 Bay Street - Suite 180 - Augusta, GA 30901
(706) 312-4154 - Fax (706) 312-4123
WWW.AUGUSTAGA.GOV

AUGUSTA-RICHMOND COUNTY GEORGIA

PURCHASING DEPARTMENT

DEPARTMENT NAME

Utilities

DEPARTMENT NUMBER

506043210-5315111

DEPARTMENT HEAD

TODD W. WOODMIN

REQUISITION

73737

REQUISITION DATE

5-21-12

PURCHASE ORDER NUMBER

PURCHASE ORDER DATE

ITEM NO	DESCRIPTION	QUANTITY	NAME OF BIDDER		NAME OF BIDDER		TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
			UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE					
1	#EAW-1300-208	1	125.00								
2	100WP ERT, Pulser with Integrated										
3	Connector and Antenna Connector										
4	(Installation Services Included)										
5	Removal of existing ERT product;										
6	installation of new ERT, per										
7	set meter)										
8	100WP ERT 1 (110.00)										
9											
10	Replacement Total	11,800	25.00	295,000.00							
11	BMR#-1465-12 VER1 MAR										
12	* RMA#										
13											
14											
15											
16											
17											
18											
19											
20											
21											
TOTAL BID											
SHIPPING CHARGES											
DELIVERY TIME FROM RECEIPT OF PURCHASE ORDER											